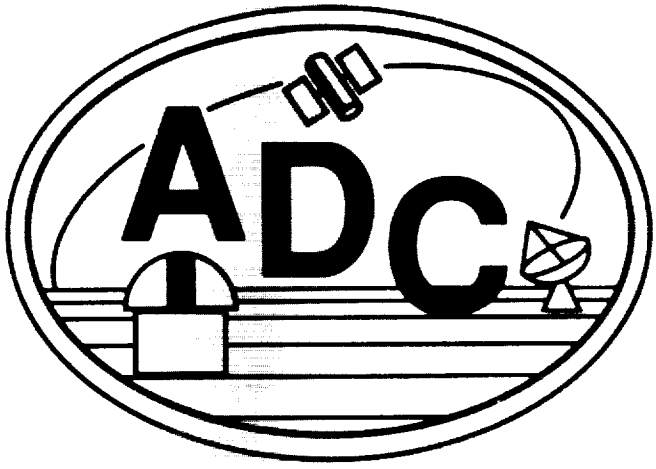
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Cape Photographic Durchmusterung

Volume II



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Unclas

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Errata

The series of NASA Reference Publications numbered RP 1297 through 1300 has been printed without the final page of tabular information in each volume. The series consists of the following titles:

Document	Title	Volume	Pg. missing
RP 1297	*Bonner Durchmusterung*	Volume I	p. 457
		Volume II	p. 447
RP 1298	*Bonner Durchmusterung (Southern Durchmusterung)*	Volume III	p. 375
RP 1299	*Cordoba Durchmusterung*	Volume I	p. 446
		Volume II	p. 415
		Volume III	p. 424
		Volume IV	p. 423
RP 1300	*Cape Photographic Durchmusterung*	Volume I	p. 424
		Volume II	p. 440
		Volume III	p. 401

Please insert these pages in all copies of the series. We regret any inconvenience this has caused.

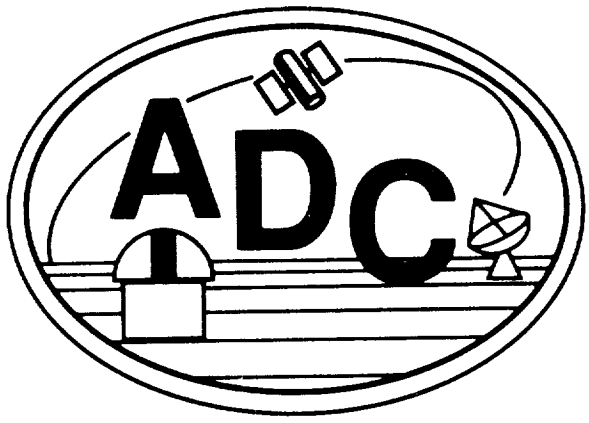
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Cape Photographic Durchmusterung

Volume II

Compiled by
Astronomical Data Center,
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Goddard Space Flight Center
Greenbelt, Maryland



NASA
National Aeronautics and Space Administration
Office of Management
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Cape Photographic Durchmusterung Volume II

1 Introduction

The *Cape Photographic Durchmusterung* (CPD, Gill and Kapteyn 1895-1900) is a photographic survey of southern stars in the declination range -18 deg to -90 degrees. The original goal of the work was to carry out a southern survey similar to those of the *Bonner Durchmusterung* (BD, Argelander 1859-1862, see also Küstner 1903 and Schönfeld (1886)) and the *Cordoba Durchmusterung* (CD, Thome 1892-1932) but using photographic plates which would provide a permanent record of the sky at the epoch of observation. The summary of the positional uncertainties quoted in the third volume of the published catalog gives ± 0.28 sec (R.A.), ± 0.044 arcmin (Dec.). The probable error of a photographic magnitude, as determined by combining results for different magnitudes and weighting proportionately according to the numbers of stars in each class of magnitude, is given as ± 0.055 mag. From an analysis of the faint magnitude limits on the plates discussed in the third volume introduction, the catalog as a whole can be considered complete to photographic magnitude 9.2, but it is stated that it will be found practically complete, in or near the Milky Way, to magnitude 9.5. The total number of stars in the zones -19 to -89 degrees and the total sky area covered result in a mean density of 32.66 stars per square degree, as compared with 15.19 for Argelander's BD, 18.21 for Schönfeld's SD, and 56.00 for the CD zones -22 through -41 degrees.

2 Source Reference

Gill, D. and Kapteyn, J. C. 1895-1900, Cape Photographic Durchmusterung, Ann. Cape Obs. 3 (1895, Part I: zones -18 to -37 degrees); 4 (1897, Part II: zones -38 to -52 degrees); 5 (1900, Part III: zones -53 to -89 degrees).

3 Preparation of the Machine-readable Catalog

The data in the machine-readable *Cape Photographic Durchmusterung* were keypunched directly from the published catalogs. The northern zones (-18 to -32 degrees and -35 degrees) were punched at Case Western Reserve University under the direction of B. N. Rappaport, who initiated the work and used the data as part of a project on the production of star charts by computer. However, only zones -18 through -26 degrees and -28 degrees had been verified and checked thoroughly, and some zones had not been completed. Mr. Rappaport was contacted and volunteered to continue the project and to oversee the punching and verifying of the remaining zones and those not verified and checked at Case. These zones were processed by a commercial firm with funding provided by the National Space Science Data Center, but all systematic checking of the completed zones was carried out by Mr. Rappaport on a volunteer basis. The zones were rechecked for counts and errata corrections and the data reformatted by Dr. Wayne

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H. Warren Jr. The individual zones were then concatenated from disk data sets to magnetic tape file in CPD number order from north to south.

4 The Catalog

As in the printed catalog, the positions are for the 1875 equinox and are given to 0.1^s in right ascension and $0.1'$ in declination for the equinox 1875. Each page is headed by two entries giving the DM number and right ascension for the first and last entries on the page, respectively. Data are present for all stars in the catalog except two which have been deleted in the corrigenda; these have been flagged by a "D" following the number of each respective record, but the records and data have been left in the machine version in order not to change the star counts and numerical sequencing.

All corrections made to the original catalog by incorporation of the errata are presented in Section 5, where it is noted when stars have become disordered in right ascension following the changes. No other corrections or changes have been incorporated into the original data, e.g., from more modern positions and magnitudes or comparison with other catalogs. Users should note that, due to corrections inserted from the errata, the CPD stars are not strictly in right ascension order within each zone.

5 Changes Made to the Catalog

CD Number	Field	From	To	
-38 6265b				Insert: 9.6 15 36 47.6, -38 1.0.
-39 4387	MAG	10.7	10.4	
-41 3407	RAm	5	6	and 13 stars following
-50 6654	MAG	9.6	6.7	
-50 11545	DEC	34.5	44.5	
-52 3270	DEC	.09	0.9	

6 Acknowledgments

This project owes its completion to the extensive work and striving for perfection of Barry Rappaport, who supervised the punching of all data, ran numerous machine and manual checks on completed zones, and prepared the preliminary tape of the finished catalog. The quality work of the keypunchers at Case Western Reserve University and Syntronix, Sherman Oaks, California is also greatly appreciated. The encouragement and support of the NSSDC Director, James I. Vette, made the completion of this project possible. Wayne H. Warren Jr. organized the preparation of the machine-readable version of the catalog from which this edition was

derived, checked and reformatted the data, and wrote the document on which this introduction is based. Nancy G. Roman prepared the hard-copy version of the catalog.

7 References

Argelander, F. W. A. 1859-1862, *Bonner Sternverzeichniss*, erste bis dritte Sektion, *Astronomischen Beobachtungen auf der Sternwarte der Königlichen Rhein.*, Friedrich-Wilhelms-Universität zu Bonn, Bände **3-5**.

Gill, D. and Kapteyn, J. C. 1895-1900, Cape Photographic Durchmusterung, Ann. Cape Obs. 3 (1895, Part I: zones -18 to -37 degrees); 4 (1897, Part II: zones -38 to -52 degrees); 5 (1900, Part III: zones -53 to -89 degrees).

Küstner, F. 1903, Bonner Durchmusterung des Nordlichen Himmels, zweite berichtigte Auflage, Bonn Universitats Sternwarte (Bonn: A. Marcus und E. Weber's Verlag).

Schönfeld, E. 1886, *Bonner Sternverzeichniss*, vierte Sektion, *Astronomische Beobachtungen auf der Sternwarte der Königlichen Rheinischen Friedrich-Wilhelms-Universität zu Bonn* **8**, Part IV (Bonn: Adolph Marcus).

Thome, J. M. 1892-1932, Cordoba Durchmusterung, Resultados del Observatorio Nacional Argentino 16 (1892, Part I: -22 to -32 degrees), 17 (1894, Part II: -32 to -42 degrees), 18 (1900, Part III: -42 to -52 degrees), 21 (Part I) (1914, Part IV, -52 to -62 degrees), 21 (Part II) (1932, Part V: -62 to -90 degrees).

-38 1 0h00m

-38 360 3h50m

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2	9.6	00033.4	-3849.2	92	10.1	05941.3	-3843.6	182	10.2	20842.1	-3818.4	272	9.6	30534.0	-3815.3
3	7.7	00046.9	-3837.5	93	10.2	05956.8	-3834.4	183	10.2	20848.1	-3846.2	273	8.6	30633.5	-3829.4
4	9.4	00151.4	-3858.4	94	8.7	10020.8	-3854.2	184	8.2	20934.6	-3806.9	274	9.6	30648.5	-3805.5
5	9.0	00247.0	-3859.1	95	8.7	10209.8	-3833.9	185	10.2	20955.6	-3837.5	275	9.6	30701.5	-3824.3
6	9.0	00316.9	-3817.2	96	8.9	10225.0	-3856.9	186	9.0	21057.1	-3826.0	276	9.8	30707.5	-3831.1
7	10.2	00319.9	-3834.2	97	10.1	10227.3	-3830.6	187	10.2	21259.6	-3839.9	277	10.0	30731.0	-3844.7
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9	10.2	00334.9	-3832.8	99	9.8	10323.5	-3800.5	189	9.0	21319.6	-3830.0	279	9.6	30741.0	-3839.2
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66	10.2	04408.8	-3855.6	156	10.0	14640.5	-3839.5	246	9.7	25205.6	-3833.2	336	8.2	34055.4	-3816.5
67	9.6	04443.8	-3806.7	157	10.0	14655.0	-3840.6	247	7.0	25240.5	-3841.6	337	8.2	34118.1	-3858.4
68	10.1	04522.3	-3849.8	158	8.5	14716.0	-3840.0	248	8.6	25243.5	-3801.7	338	8.6	34150.9	-3829.3
69	10.2	04537.8	-3848.7	159	8.8	14830.5	-3823.4	249	9.4	25251.6	-3842.9	339	9.2	34317.1	-3800.7
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71	10.1	04708.3	-3809.8	161	9.2	15004.0	-3845.8	251	9.6	25352.5	-3828.1	341	9.8	34402.9	-3817.6
72	10.2	04730.6	-3822.0	162	8.5	15040.5	-3825.9	252	9.0	25522.5	-3814.0	342	9.8	34416.9	-3835.0
73	9.4	04730.8	-3806.1	163	9.1	15130.5	-3832.6	253	9.8	25601.0	-3851.6	343	8.7	34504.9	-3807.0
74	9.1	04744.3	-3838.9	164	7.8	15154.5	-3806.5	254	8.6	25640.5	-3837.2	344	10.0	34513.9	-3827.2
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82	10.0	05343.0	-3833.0	172	8.4	20053.8	-3824.7	262	10.0	30009.1	-3847.1	352	10.0	34704.3	-3842.0
83	9.6	05510.5	-3842.7	173	9.9	20124.7	-3800.8	263	9.0	30041.0	-3807.0	353	8.8	34717.8	-3806.2
84	7.2	05544.0	-3853.2	174	8.6	20150.4	-3841.7	264	8.4	30057.7	-3858.3	354	9.3	34731.3	-3802.3
85	9.5	05707.0	-3823.1	175	9.6	20328.0	-3802.4	265	8.8	30127.0	-3806.2	355	8.6	34829.8	-3818.4
86	10.2	05729.0	-3825.6	176	9.8	20415.4	-3813.8	266	10.0	30258.5	-3839.5	356	9.0	34904.8	-3853.8
87	9.6	05750.5	-3846.1	177	8.8	20415.9	-3823.6	267	8.2	30338.0	-3820.0	357	9.0	34912.8	-3816.9
88	9.8	05824.0	-3803.6	178	10.2	20429.1	-3841.6	268	10.0	30400.5	-3818.9	358	9.4	34953.3	-3821.8
89	8.7	05829.0	-3803.7	179	8.4	20527.2	-3857.4	269	9.6	30410.0	-3825.3	359	9.1	35011.8	-3824.3
90	9.6	05913.0	-3830.4	180	9.4	20558.1	-3840.4	270	8.6	30440.5	-3819.9	360	9.3	35024.8	-3810.5

-38 361 3h50m

-38 720 5h46m

361	8.0	35054.8	-3820.5	451	10.1	42509.6	-3831.3	541	8.9	45342.1	-3812.7	631	10.1	52149.3	-3836.2
362	9.4	35133.8	-3823.7	452	8.6	42547.1	-3818.2	542	9.2	45411.9	-3801.7	632	9.4	52304.3	-3838.8
363	10.2	35147.8	-3816.7	453	7.8	42556.1	-3832.7	543	10.1	45428.1	-3853.5	633	9.4	52337.3	-3827.0
364	10.3	35201.9	-3824.3	454	9.6	42619.6	-3827.9	544	10.0	45512.1	-3812.0	634	10.0	52412.2	-3817.2
365	9.5	35206.3	-3836.3	455	9.8	42622.6	-3808.3	545	9.3	45530.1	-3813.4	635	10.1	52431.3	-3816.7
366	9.8	35258.8	-3856.4	456	8.9	42713.6	-3834.6	546	8.8	45553.6	-3810.7	636	8.6	52447.3	-3853.3
367	9.4	35307.8	-3812.6	457	10.0	42732.1	-3832.6	547	10.1	45606.1	-3803.7	637	10.1	52455.3	-3828.8
368	9.6	35328.3	-3823.3	458	10.0	42738.1	-3834.6	548	8.6	45719.2	-3800.6	638	9.6	52508.3	-3802.0
369	9.4	35421.3	-3857.2	459	8.9	42739.6	-3813.9	549	10.1	45744.4	-3820.8	639	10.1	52605.3	-3841.1
370	9.4	35428.3	-3839.1	460	10.0	42815.1	-3859.6	550	10.0	45808.7	-3819.9	640	9.1	52607.3	-3851.0
371	10.3	35512.3	-3839.7	461	7.6	42840.1	-3832.7	551	9.8	45833.2	-3859.1	641	10.1	52636.3	-3804.8
372	10.0	35614.2	-3821.1	462	9.2	42854.6	-3805.9	552	10.1	45918.2	-3802.5	642	9.2	52643.8	-3850.0
373	9.1	35623.3	-3817.7	463	10.0	42900.1	-3834.1	553	10.0	45929.2	-3808.7	643	10.1	52710.3	-3837.6
374	8.6	35647.8	-3854.3	464	9.4	43000.8	-3854.9	554	8.6	50016.2	-3842.9	644	8.6	52717.3	-3853.6
375	9.3	35752.3	-3819.0	465	9.4	43002.8	-3832.8	555	9.3	50022.0	-3800.9	645	9.4	52738.8	-3848.4
376	8.2	35804.8	-3844.1	466	10.0	43032.3	-3823.2	556	8.9	50057.7	-3830.3	646	8.6	52740.3	-3838.8
377	10.3	35826.2	-3844.7	467	10.0	43045.3	-3819.9	557	10.1	50102.7	-3828.1	647	10.1	52746.3	-3819.8
378	8.8	35858.8	-3859.8	468	9.5	43100.3	-3816.8	558	10.0	50113.5	-3804.3	648	9.7	52747.3	-3826.2
379	8.6	35902.3	-3857.0	469	10.0	43126.5	-3807.2	559	10.0	50133.5	-3812.7	649	10.1	52751.3	-3847.8
380	10.3	35911.2	-3854.4	470	8.4	43135.8	-3825.8	560	8.8	50146.0	-3807.9	650	7.8	52800.3	-3817.2
381	9.8	35925.8	-3851.8	471	9.6	43136.8	-3853.2	561	9.4	50147.5	-3841.1	651	9.4	52810.3	-3812.7
382	8.8	35939.3	-3828.0	472	10.0	43139.8	-3857.1	562	8.4	50157.5	-3818.3	652	8.5	52831.3	-3826.4
383	10.2	35939.3	-3852.5	473	9.4	43155.3	-3837.0	563	10.1	50209.5	-3825.5	653	7.0	52838.8	-3836.0
384	9.5	35957.8	-3831.2	474	7.3	43202.0	-3804.7	564	10.0	50216.0	-3842.6	654	10.0	52853.3	-3849.5
385	9.3	35958.2	-3820.7	475	8.7	43214.5	-3818.7	565	10.1	50300.3	-3826.6	655	9.6	52900.3	-3837.0
386	9.6	40007.3	-3825.8	476	9.6	43216.5	-3853.9	566	10.0	50328.0	-3818.9	656	9.7	52911.3	-3856.2
387	9.5	40015.8	-3826.6	477	10.1	43245.0	-3857.2	567	10.0	50329.5	-3836.2	657	9.0	52939.3	-3816.6
388	9.2	40015.8	-3805.2	478	9.4	43259.5	-3814.6	568	10.0	50339.5	-3816.7	658	9.7	53010.3	-3838.7
389	9.8	40109.8	-3809.2	479	9.0	43326.0	-3805.0	569	10.1	50348.7	-3815.1	659	10.1	53038.8	-3833.6
390	10.0	40132.8	-3852.8	480	8.7	43326.5	-3802.9	570	9.4	50354.7	-3804.3	660	9.1	53057.6	-3814.0
391	10.3	40133.0	-3826.7	481	10.1	43327.5	-3849.1	571	10.1	50359.9	-3802.2	661	8.6	53126.6	-3809.3
392	8.6	40211.0	-3824.3	482	9.4	43332.0	-3839.8	572	10.0	50422.2	-3806.6	662	9.9	53140.1	-3843.6
393	8.8	40215.5	-3841.7	483	10.0	43427.0	-3821.0	573	9.8	50439.2	-3857.6	663	8.5	53200.1	-3841.7
394	10.0	40257.0	-3809.8	484	8.4	43428.5	-3825.0	574	9.8	50459.2	-3822.7	664	9.1	53201.6	-3814.5
395	9.6	40527.0	-3857.0	485	10.1	43433.5	-3803.7	575	10.0	50500.0	-3800.6	665	9.0	53203.4	-3859.9
396	10.3	40724.0	-3815.7	486	10.1	43519.5	-3818.4	576	10.1	50511.2	-3813.0	666	9.8	53209.6	-3802.0
397	8.8	40753.7	-3800.3	487	9.0	43525.0	-3833.0	577	9.2	50537.2	-3832.6	667	9.8	53211.1	-3801.6
398	9.0	40841.5	-3820.1	488	9.6	43546.5	-3805.0	578	9.6	50615.2	-3844.1	668	10.1	53212.2	-3811.9
399	10.3	40850.8	-3821.7	489	9.8	43613.5	-3838.0	579	9.4	50629.7	-3826.8	669	10.1	53247.4	-3854.2
400	9.8	40851.0	-3824.3	490	9.8	43641.0	-3851.2	580	9.8	50718.9	-3823.0	670	8.5	53303.8	-3840.8
401	9.4	40853.0	-3858.0	491	9.8	43725.6	-3839.5	581	10.1	50720.4	-3839.7	671	7.7	53308.0	-3805.9
402	8.6	40855.0	-3832.6	492	10.1	43741.6	-3822.0	582	10.1	50725.4	-3844.9	672	9.7	53316.8	-3846.4
403	9.5	40902.0	-3851.4	493	8.2	43751.1	-3847.2	583	10.1	50805.9	-3832.9	673	9.8	53331.5	-3831.8
404	9.6	40933.0	-3830.3	494	10.1	43809.1	-3831.5	584	10.0	50828.9	-3826.8	674	9.3	53419.6	-3858.8
405	7.0	40953.5	-3834.7	495	10.1	43836.1	-3813.3	585	9.0	50829.9	-3805.6	675	9.3	53427.5	-3825.2
406	8.6	40956.6	-3837.9	496	9.5	43912.1	-3853.2	586	8.8	50838.9	-3806.5	676	9.2	53431.5	-3843.3
407	10.0	41003.6	-3829.1	497	9.5	43933.4	-3828.4	587	8.8	50857.9	-3840.5	677	9.3	53450.5	-3837.0
408	9.5	41023.6	-3840.1	498	9.2	43935.6	-3842.7	588	9.4	50908.9	-3801.6	678	9.6	53544.5	-3842.0
409	7.7	41046.6	-3836.5	499	9.4	43953.1	-3856.4	589	9.4	50911.9	-3804.7	679	8.8	53544.5	-3823.3
410	8.8	41334.6	-3844.0	500	9.5	44021.6	-3808.4	590	9.7	50919.6	-3802.2	680	9.4	53551.5	-3853.4
411	9.6	41350.9	-3813.3	501	10.1	44129.1	-3844.0	591	9.4	50920.6	-3805.5	681	9.4	53556.5	-3843.0
412	8.4	41352.9	-3829.1	502	7.6	44200.6	-3820.3	592	8.8	50951.1	-3811.0	682	9.8	53635.5	-3844.2
413	8.8	41353.4	-3824.9	503	9.3	44222.1	-3842.1	593	10.1	51032.6	-3800.6	683	9.9	53659.0	-3856.7
414	8.6	41423.1	-3811.6	504	9.1	44241.1	-3841.6	594	9.4	51040.1	-3849.6	684	9.9	53659.5	-3812.5
415	10.0	41447.1	-3837.7	505	9.6	44242.1	-3816.9	595	9.4	51120.1	-3830.0	685	9.3	53726.0	-3825.8
416	8.7	41557.1	-3843.5	506	7.7	44242.1	-3831.9	596	8.8	51140.6	-3815.0	686	9.9	53816.0	-3846.5
417	9.0	41603.1	-3838.1	507	9.2	44242.6	-3849.6	597	10.1	51158.1	-3824.4	687	9.0	53816.3	-3835.6
418	7.3	41720.1	-3804.6	508	10.1	44247.1	-3818.5	598	8.2	51233.1	-3849.0	688	9.4	53841.3	-3854.0
419	10.1	41821.2	-3838.3	509	10.0	44306.1	-3823.2	599	9.9	51234.1	-3832.1	689	9.4	53849.3	-3805.1
420	9.6	41832.7	-3839.0	510	10.1	44308.6	-3820.1	600	9.9	51240.6	-3859.9	690	8.7	53902.8	-3843.2
421	9.8	41840.7	-3839.5	511	9.3	44320.6	-3834.9	601	8.6	51321.6	-3806.0	691	9.8	53919.3	-3847.5
422	9.4	41856.2	-3858.2	512	10.1	44323.6	-3822.2	602	8.6	51332.1	-3817.1	692	9.2	53920.8	-3846.6
423	10.1	41910.9	-3859.5	513	8.8	44327.6	-3817.2	603	9.4	51344.1	-3837.4	693	8.8	53945.8	-3822.4
424	10.0	41925.7	-3821.5	514	10.1	44338.6	-3821.1	604	10.0	51400.6	-3839.6	694	9.9	53946.0	-3858.0
425	10.0	41926.2	-3800.9	515	9.8	44340.8	-3846.8	605	9.8	51401.0	-3858.4	695	9.3	53947.3	-3828.0
426	9.8	41939.2	-3826.1	516	9.6	44351.8	-3848.2	606	9.9	51439.6	-3833.4	696	9.2	54025.8	-3815.4
427	8.4	42029.2	-3837.3	517	10.0	44521.8	-3811.1	607	9.2	51441.1	-3818.6	697	9.7	54040.3	-3807.5
428	8.8	42051.2	-3849.1	518	10.1	44605.8	-3818.2	608	9.9	51523.6	-3828.1	698	9.9	54048.8	-3854.3
429	10.1	42107.7	-3855.0	519	7.4	44611.3	-3846.7	609	9.9	51542.1	-3852.0	699	9.0	54107.8	-3844.4
430	9.0	42114.2	-3820.6	520	9.1	44630.8	-3835.8	610	10.1	51633.6	-3836.0	700	8.8	54117.3	-3824.4
431	9.0	42138.9	-3856.5	521	9.3	44640.8	-3824.4	611	10.1	51651.6	-3844.6	701	9.8	54120.3	-3831.2
432	9.8	42141.9	-3849.3	522	9.5	44655.7	-3840.1	612	10.0	51727.6	-3842.2	702	9.2	54156.8	-3826.6
433	9.0	42142.4	-3830.0	523	10.0	44706.8	-3830.0	613	8.2	51745.1	-3836.6	703	9.2	54220.3	-3843.6
434	9.6	42144.9	-3843.4	524	7.4	44726.3	-3849.3	614	9.4	51746.7	-3806.8	704	9.8	54251.3	-3844.8
435	10.0	42153.4	-3814.2	525	9.6	44812.3	-3847.2	615	10.1	51801.6	-3814.4	705	7.3	54309.8	-3816.4
436	9.2	42156.9	-3833.7	526	8.0	44858.5	-3820.9	616	9.8	51909.6	-3806.6	706	9.7	54315.3	-3846.4
437	8.2	42200.4	-3852.2	527	10.1	44924.5	-3834.8	617	9.4	51918.6	-3858.0	707	8.2	54324.3	-3802.4
438	10.1	42223.1	-3829.2	528	7.8	44946.5	-3821.9	618	10.1	51929.6	-3837.8	708	9.9	54350.8	-3856.2
439	10.0	42224.4	-3850.4	529	8.8	44955.5	-3854.3	619	10.1	51939.6	-3854.9	709	9.0	54416.3	-3806.4
440	10.0	42230.1	-3837.0	530	9.4	45005.5	-3854.6	620	8.8	51956.6	-3810.2	710	9.0	54423.3	-3811.1
441	10.0	42232.4	-3854.9	531	10.0	45015.0	-3824.1	621	8.2	52008.1	-3822.2	711	9.6	54431.3	-3807.8
442	10.1	42257.4	-3843.8	532	10.1	45055.3	-3859.3	622	9.6	52013.1	-3829.8	712	9.8	54515.8	-3821.6
443	10.1	42333.9	-3803.5	533	9.8	45104.8	-3847.8	623	8.8	52021.6	-3840.6	713	9.9	54519.8	-3856.0
444	9.8	42339.4	-3829.4	534	10.1	45209.3	-3845.5	624	8.8	52028.6	-3814.2	714	8.8	54549.3	-3809.4
445	8.7	42358.4	-3800.2	535	8.9	45210.8	-3850.8	625	8.8	52049.6	-3809.2	715	9.9	54552.8	-3839.2
446	9.4	42408.4	-3834.8	536	10.0	45224.8	-3828.1	626	9.9	52050.6	-3857.9	716	9.9	54554.3	-3841.4
447	9.5	42414.4	-3801.1	537	8.6	45300.8	-3805.1	627	8.2	52051.6	-3859.4	717	9.6	54612.3	-3852.9
448	9.6	42429.4	-3829.1	538	10.1	45305.8	-3810.1	628	8.8	52105.1	-3853.0	718	9.7	54614.3	-3832.8
449	8.6	42437.4	-3825.0	539	10.1	45317.8	-3843.9	629	10.1	52108.8	-3854.6	719	9.9	54633.3	-3847.2
450	8.2	42457.4	-3857.6	540	9.3	45332.6	-3842.5	630	9.8	52112.3	-3834.1	720	9.4	54634.8	-3832.2

-38 721 5h46m

721	9.3	54636.1	-3809.6
722	9.6	54640.1	-3836.5
723	9.7	54711.1	-3829.1
724	9.2	54720.1	-3847.5
725	9.6	54726.6	-3804.3
726	9.3	54738.6	-3831.2
727	9.7	54822.6	-3859.9
728	7.7	54836.6	-3833.2
729	9.0	54859.1	-3856.6
730	9.8	54938.6	-3843.8
731	9.4	54940.1	-3819.5
732	9.2	54940.1	-3858.6
733	9.7	55001.6	-3855.3
734	9.9	55008.1	-3841.2
735	9.7	55035.6	-3849.3
736	8.8	55041.1	-3816.1
737	9.9	55110.1	-3851.3
738	8.8	55117.1	-3834.3
739	7.6	55129.6	-3807.4
740	9.8	55137.6	-3813.8
741	9.4	55146.6	-3839.1
742	9.0	55152.1	-3849.1
743	8.3	55153.6	-3817.9
744	9.3	55213.6	-3838.3
745	9.6	55228.6	-3834.5
746	9.8	55230.1	-3804.9
747	9.9	55249.6	-3810.0
748	9.6	55252.1	-3811.9
749	9.9	55253.1	-3837.8
750	9.3	55254.6	-3815.5
751	9.3	55257.1	-3817.7
752	9.0	55316.6	-3850.8
753	9.3	55319.5	-3859.0
754	9.1	55320.1	-3831.6
755	9.0	55335.1	-3846.2
756	9.1	55337.6	-3804.9
757	9.9	55342.6	-3846.3
758	9.4	55430.6	-3856.2
759	9.3	55438.6	-3805.0
760	9.6	55449.6	-3838.5
761	9.4	55451.1	-3825.4
762	8.3	55502.8	-3843.3
763	9.4	55506.3	-3813.9
764	9.7	55524.8	-3853.2
765	9.4	55553.3	-3833.4
766	8.4	55554.8	-3810.3
767	9.7	55620.0	-3857.3
768	9.7	55620.3	-3837.2
769	9.9	55635.8	-3802.0
770	9.9	55638.8	-3853.1
771	8.6	55658.8	-3816.4
772	9.2	55658.8	-3835.1
773	8.8	55714.3	-3817.1
774	8.3	55728.8	-3810.1
775	8.8	55755.8	-3812.9
776	7.3	55757.6	-3859.6
777	9.7	55812.3	-3823.1
778	9.8	55830.3	-3833.3
779	9.7	55831.8	-3839.3
780	8.8	55835.3	-3853.1
781	9.7	55858.8	-3845.9
782	9.9	55859.3	-3822.2
783	9.6	55901.3	-3816.9
784	8.4	55911.5	-3852.5
785	9.9	55919.8	-3825.5
786	9.3	55942.5	-3813.4
787	9.8	55944.8	-3852.9
788	9.6	60015.6	-3806.7
789	9.7	60030.3	-3811.6
790	8.8	60036.0	-3844.2
791	9.4	60042.0	-3853.6
792	8.9	60055.8	-3841.3
793	9.8	60156.3	-3847.3
794	9.2	60158.3	-3857.7
795	9.6	60216.3	-3844.4
796	9.4	60232.3	-3851.8
797	9.4	60241.3	-3835.7
798	8.4	60342.8	-3837.5
799	8.8	60353.0	-3856.9
800	9.(	60353.8	-3859.7
801	9.4	60358.6	-3849.9
802	9.7	60406.6	-3813.9
803	7.8	60444.6	-3802.6
804	9.7	60508.6	-3848.1
805	9.4	60547.6	-3846.9
806	10.0	60552.1	-3805.3
807	9.7	60554.1	-3824.8
808	10.0	60600.6	-3843.8
809	10.0	60600.6	-3807.7
810	9.8	60641.6	-3843.7
811	10.0	60648.6	-3840.5
812	9.3	60650.1	-3810.3
813	9.7	60711.1	-3834.9
814	10.0	60711.7	-3840.2
815	10.0	60808.1	-3847.9
816	10.0	60810.6	-3853.8
817	9.6	60810.6	-3828.9
818	9.7	60816.9	-3835.2
819	9.6	60824.9	-3834.6
820	10.0	60829.4	-3827.5
821	10.0	60843.3	-3854.4
822	10.0	60919.8	-3806.0
823	9.7	60922.0	-3859.8
824	9.7	60931.3	-3853.1
825	8.8	60940.3	-3845.8
826	10.0	60946.3	-3858.7
827	10.0	60951.8	-3836.1
828	9.7	61013.3	-3804.2
829	10.0	61019.8	-3817.2
830	10.0	61026.3	-3848.1
831	10.0	61045.4	-3839.5
832	8.8	61048.3	-3840.0
833	9.0	61101.3	-3826.0
834	9.6	61107.8	-3831.1
835	8.4	61155.3	-3832.2
836	10.0	61158.9	-3859.1
837	9.4	61208.8	-3830.6
838	10.0	61210.3	-3830.3
839	10.0	61223.3	-3815.0
840	10.0	61247.8	-3825.1
841	10.0	61304.1	-3834.5
842	10.0	61309.1	-3816.4
843	8.4	61320.1	-3832.5
844	9.6	61325.1	-3838.0
845	9.3	61328.1	-3816.3
846	10.0	61410.1	-3845.8
847	8.0	61425.6	-3850.7
848	9.2	61435.6	-3842.8
849	9.2	61435.6	-3836.6
850	10.0	61508.1	-3857.8
851	9.7	61540.6	-3844.4
852	10.0	61548.6	-3829.9
853	9.8	61604.3	-3800.9
854	9.0	61619.1	-3824.8
855	8.8	61625.1	-3806.2
856	9.6	61627.1	-3813.7
857	10.0	61655.1	-3841.6
858	9.7	61731.1	-3825.1
859	10.0	61750.1	-3821.3
860	10.0	61804.3	-3800.8
861	9.6	61814.8	-3843.5
862	10.0	61820.3	-3807.0
863	9.8	61839.8	-3814.5
864	9.4	61907.0	-3802.8
865	9.3	61924.3	-3806.0
866	10.0	61924.8	-3835.2
867	9.6	61924.8	-3823.0
868	9.4	61928.8	-3813.0
869	9.2	61930.8	-3814.4
870	9.6	62009.8	-3811.0
871	9.3	62012.7	-3800.3
872	10.0	62019.8	-3851.5
873	8.8	62024.8	-3812.2
874	9.6	62025.8	-3827.6
875	10.0	62026.3	-3856.9
876	9.4	62028.8	-3858.1
877	9.8	62045.0	-3858.3
878	9.2	62104.8	-3843.6
879	9.6	62105.3	-3852.4
880	9.7	62116.3	-3832.7
881	9.8	62130.8	-3844.7
882	8.7	62139.8	-3852.0
883	9.2	62223.8	-3831.8
884	8.8	62228.8	-3849.1
885	9.4	62239.8	-3855.0
886	9.0	62247.8	-3819.6
887	9.8	62259.8	-3820.5
888	9.3	62310.8	-3851.1
889	9.8	62323.2	-3800.9
890	9.8	62340.8	-3844.4
891	10.0	62345.8	-3858.7
892	8.8	62413.0	-3848.3
893	9.0	62429.1	-3829.0
894	8.1	62438.5	-3814.1
895	10.0	62446.0	-3842.3
896	9.8	62458.0	-3811.0
897	10.0	62500.0	-3825.2
898	10.0	62502.5	-3843.9
899	8.5	62620.5	-3840.0
900	9.2	62630.2	-3832.2

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901	10.0	62640.2	-3814.7
902	8.4	62651.2	-3811.8
903	10.0	62652.2	-3833.9
904	8.7	62653.7	-3812.2
905	8.9	62657.9	-3857.3
906	9.5	62709.4	-3817.6
907	8.8	62727.9	-3832.1
908	10.0	62730.4	-3845.9
909	10.0	62739.9	-3845.8
910	10.2	62745.4	-3847.4
911	9.1	62750.4	-3846.4
912	10.1	62753.4	-3844.6
913	9.6	62759.9	-3856.9
914	9.6	62815.9	-3838.6
915	10.2	62835.4	-3844.5
916	10.1	62840.4	-3845.1
917	7.2	62859.4	-3831.7
918	10.3	62905.5	-3818.9
919	10.3	62910.4	-3847.5
920	10.3	62911.4	-3819.8
921	10.3	62915.4	-3843.5
922	10.3	62919.4	-3848.6
923	9.6	62923.4	-3810.7
924	10.2	62923.9	-3820.3
925	8.3	62940.4	-3845.1
926	9.5	62956.9	-3814.7
927	10.3	62959.0	-3838.3
928	9.0	63000.9	-3840.0
929	10.0	63006.4	-3830.1
930	10.3	63012.4	-3809.5
931	10.0	63013.4	-3827.4
932	9.5	63024.9	-3802.8
933	8.8	63035.4	-3823.2
934	10.3	63109.4	-3812.1
935	7.2	63110.9	-3842.5
936	10.3	63121.4	-3842.7
937	10.3	63129.4	-3848.9
938	10.3	63129.4	-3814.7
939	10.1	63135.4	-3824.7
940	9.4	63136.9	-3809.3
941	10.3	63137.9	-3847.1
942	9.6	63149.4	-3854.9
943	8.9	63207.4	-3824.7
944	9.0	63215.4	-3858.1
945	10.3	63232.4	-3854.1
946	9.0	63241.9	-3812.1
947	9.8	63243.9	-3802.5
948	7.2	63247.3	-3802.6
949	10.0	63252.4	-3846.1
950	10.0	63300.4	-3846.4
951	9.6	63312.9	-3801.4
952	10.3	63312.9	-3857.9
953	10.3	63318.9	-3805.9
954	10.0	63319.4	-3810.7
955	9.8	63321.4	-3828.9
956	10.0	63321.4	-3851.0
957	7.5	63327.9	-3831.2
958	9.8	63350.4	-3821.5
959	10.3	63435.4	-3856.0
960	10.3	63449.4	-3850.3
961	9.6	63459.8	-3857.1
962	10.0	63505.4	-3854.9
963	10.3	63510.9	-3803.1
964	9.6	63517.4	-3843.6
965	9.1	63536.4	-3808.9
966	7.7	63541.4	-3802.7
967	8.9	63545.4	-3840.2
968	10.2	63605.4	-3840.5
969	9.0	63640.4	-3812.6
970	10.3	63654.4	-3818.6
971	10.0	63659.4	-3824.2
972	10.3	63701.4	-3841.2
973	10.2	63704.9	-3838.6
974	10.2	63706.4	-3841.9
975	10.3	63706.4	-3815.9
976	9.4	63708.9	-3848.0
977	10.2	63718.4	-3804.7
978	10.3	63725.5	-3859.4
979	9.0	63730.4	-3810.0
980	9.5	63739.4	-3834.2
981	9.0	63800.4	-3805.3
982	7.0	63801.4	-3816.7
983	10.3	63815.4	-3854.7
984	10.1	63820.4	-3846.2
985	10.2	63841.4	-3805.0
986	9.6	63843.5	-3858.9
987	10.0	63847.9	-3812.6
988	8.2	63848.9	-3850.5
989	10.3	63852.4	-3848.8
990	8.9	63901.4	-3859.9
991	10.3	63910.4	-3854.7
992	10.3	63912.9	-3853.0
993	10.0	63922.4	-3858.3
994	10.0	63925.4	-3804.5
995	10.3	64019.4	-3859.0
996	9.2	64023.4	-3818.4
997	10.3	64047.9	-3808.3
998	9.5	64050.0	-3802.0
999	9.6	64057.9	-3828.5
1000	10.2	64106.5	-3830.0
1001	8.6	64109.0	-3838.6
1002	10.1	64120.0	-3822.0
1003	10.3	64125.0	-3817.1
1004	10.2	64130.0	-3811.7
1005	10.3	64145.0	-3811.0
1006	9.2	64208.5	-3840.5
1007	10.1	64211.0	-3810.9
1008	10.2	64230.0	-3815.8
1009	10.3	64236.5	-3844.9
1010	10.2	64239.0	-3801.3
1011	8.6	64240.0	-3837.6
1012	10.2	64240.5	-3818.0
1013	9.1	64248.0	-3814.3
1014	10.1	64257.0	-3830.2
1015	10.3	64302.0	-3829.0
1016	10.2	64305.0	-3850.1
1017	7.6	64310.0	-3847.1
1018	10.3	64312.0	-3828.7
1019	10.3	64321.0	-3846.1
1020	9.5	64331.0	-3808.6
1021	10.2	64341.0	-3841.7
1022	8.0	64400.0	-3844.5
1023	8.2	64402.5	-3831.0
1024	10.0	64403.5	-3849.0
1025	10.0	64407.0	-3848.4
1026	10.3	64410.0	-3826.5
1027	9.5	64417.5	-3818.0
1028	10.0	64419.5	-3807.7
1029	9.4	64423.5	-3854.9
1030	9.6	64430.5	-3831.0
1031	9.4	64437.0	-3853.0
1032	10.2	64440.0	-3823.9
1033	10.2	64442.5	-3813.3
1034	10.3	64444.0	-3842.8
1035	9.0	64450.0	-3818.3
1036	10.1	64454.5	-3840.6
1037	10.3	64454.5	-3837.7
1038	10.0	64508.0	-3821.9
1039	8.8	64511.0	-3831.1
1040	10.3	64515.0	-3821.1
1041	9.4	64525.0	-3803.8
1042	9.5	64530.0	-3842.7
1043	9.4	64540.0	-3858.7
1044	10.3	64542.5	-3809.3
1045	8.6	64547.0	-3856.1
1046	10.3	64553.5	-3807.4
1047	10.0	64559.0	-3844.3
1048	7.8	64600.0	-3854.6
1049	8.5	64609.7	-3859.0
1050	10.0	64618.5	-3800.7
1051	9.6	64620.0	-3857.8
1052	10.0	64629.0	-3836.6
1053	10.1	64632.5	-3846.3
1054	10.2	64634.0	-3831.3
1055	8.6	64637.0	-3814.4
1056	9.2	64645.0	-3803.1
1057	10.3	64646.0	-3851.2
1058	10.1	64704.5	-3858.6
1059	10.1	64709.0	-3835.8
1060	10.3	64716.0	-3823.7
1061	8.9	64718.0	-3829.8
1062	9.0	64718.0	-3855.1
1063	10.1	64719.0	-3853.4
1064	7.5	64721.5	-3804.0
1065	7.8	64749.5	-3828.9
1066	10.0	64753.0	-3844.5
1067	9.8	64753.0	-3800.3
1068	10.2	64753.0	-3822.3
1069	10.1	64805.0	-3853.7
1070	10.1	64806.5	-3824.6
1071	9.4	64809.5	-3858.9
1072	7.9	64810.0	-3827.9
1073	9.2	64812.5	-3830.4
1074	9.5	64814.5	-3800.0
1075	10.0	64827.1	-3801.3
1076	9.0	64836.5	-3829.8
1077	8.8	64845.0	-3852.3
1078	9.2	64851.0	-3849.2
1079	10.3	64855.0	-3819.9
1080	10.0	64902.0	-3835.5

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-38 1440 7h31m

1081	9.6	64912.5	-3836.9	1171	8.7	70114.4	-3858.4	1261	8.5	71155.5	-3838.5
1082	9.4	64914.0	-3847.4	1172	9.9	70114.5	-3848.9	1262	9.3	71200.5	-3804.7
1083	8.8	64916.0	-3846.8	1173	9.0	70117.0	-3829.0	1263	8.7	71205.5	-3825.5
1084	10.3	64921.0	-3858.1	1174	9.6	70120.7	-3859.0	1264	9.5	71210.5	-3829.9
1085	10.3	64928.5	-3801.5	1175	9.8	70127.0	-3827.0	1265	6.6	71212.0	-3805.8
1086	9.6	64936.0	-3820.8	1176	9.9	70138.0	-3840.9	1266	9.9	71233.5	-3829.1
1087	10.0	64954.5	-3840.1	1177	9.4	70138.0	-3820.1	1267	9.9	71234.0	-3820.3
1088	9.4	65004.0	-3818.6	1178	9.2	70141.5	-3818.1	1268	9.5	71235.5	-3827.0
1089	10.0	65014.0	-3845.3	1179	10.0	70142.0	-3834.3	1269	9.1	71236.3	-3802.5
1090	10.3	65016.0	-3816.4	1180	9.6	70142.5	-3812.3	1270	9.8	71251.5	-3824.2
1091	10.0	65018.5	-3840.8	1181	10.0	70143.5	-3821.9	1271	9.6	71300.5	-3845.4
1092	9.4	65045.0	-3851.1	1182	7.2	70145.0	-3811.5	1272	7.9	71310.5	-3841.3
1093	10.2	65051.0	-3829.8	1183	10.0	70148.5	-3845.1	1273	7.6	71310.5	-3848.1
1094	8.1	65053.0	-3823.7	1184	9.6	70149.5	-3840.0	1274	8.2	71312.0	-3829.1
1095	10.3	65101.0	-3812.5	1185	9.6	70200.7	-3802.7	1275	10.0	71321.5	-3851.1
1096	10.1	65102.0	-3829.2	1186	9.9	70205.5	-3807.0	1276	9.2	71417.5	-3816.6
1097	10.2	65105.0	-3851.6	1187	9.6	70230.0	-3805.5	1277	5.7	71418.1	-3859.1
1098	10.1	65116.5	-3830.2	1188	9.6	70235.5	-3834.8	1278	10.0	71428.5	-3817.0
1099	7.7	65124.0	-3830.4	1189	9.9	70241.0	-3828.9	1279	10.0	71430.5	-3849.8
1100	8.5	65133.5	-3806.7	1190	10.0	70243.5	-3852.2	1280	9.8	71455.5	-3847.1
1101	10.1	65152.0	-3838.7	1191	9.9	70244.0	-3804.9	1281	10.0	71507.5	-3839.1
1102	7.4	65203.5	-3826.7	1192	9.4	70248.5	-3841.0	1282	10.0	71510.5	-3855.1
1103	9.2	65211.0	-3844.1	1193	9.8	70250.5	-3806.2	1283	8.9	71511.0	-3814.5
1104	10.3	65215.0	-3819.0	1194	9.2	70257.5	-3810.5	1284	9.0	71515.5	-3845.6
1105	10.1	65220.0	-3853.9	1195	9.9	70301.5	-3812.5	1285	8.8	71516.5	-3821.3
1106	10.3	65222.5	-3819.5	1196	9.1	70305.5	-3815.3	1286	9.6	71518.5	-3816.9
1107	10.3	65224.0	-3838.2	1197	10.0	70310.5	-3815.6	1287	9.9	71521.4	-3802.5
1108	9.6	65224.5	-3840.3	1198	9.6	70320.5	-3817.8	1288	9.0	71536.5	-3809.1
1109	10.2	65225.0	-3857.0	1199	9.4	70320.5	-3835.6	1289	9.4	71544.5	-3857.3
1110	10.3	65226.5	-3813.9	1200	8.9	70327.5	-3816.1	1290	10.0	71601.5	-3801.8
1111	8.8	65231.0	-3849.2	1201	10.0	70327.5	-3819.5	1291	9.4	71630.5	-3847.2
1112	10.3	65239.0	-3828.1	1202	9.6	70341.0	-3817.1	1292	8.9	71633.0	-3807.5
1113	8.9	65243.6	-3802.9	1203	9.5	70344.0	-3852.9	1293	10.0	71637.5	-3800.4
1114	10.3	65245.6	-3812.1	1204	9.5	70352.5	-3830.7	1294	9.5	71640.5	-3803.8
1115	10.2	65249.0	-3845.1	1205	10.0	70354.0	-3801.4	1295	9.4	71641.2	-3801.2
1116	10.3	65300.5	-3825.5	1206	9.8	70355.5	-3829.5	1296	9.8	71656.5	-3859.2
1117	10.1	65321.6	-3837.8	1207	9.4	70356.5	-3825.3	1297	9.6	71657.0	-3858.9
1118	9.1	65328.6	-3835.6	1208	9.3	70357.5	-3832.2	1298	10.0	71658.0	-3847.9
1119	10.1	65335.0	-3855.3	1209	9.4	70405.5	-3845.3	1299	9.5	71706.5	-3852.7
1120	9.0	65336.0	-3855.9	1210	10.0	70415.5	-3822.7	1300	9.9	71707.4	-3819.8
1121	10.3	65337.0	-3827.5	1211	9.3	70422.0	-3826.5	1301	9.0	71709.5	-3803.9
1122	10.0	65351.2	-3823.5	1212	10.0	70422.5	-3810.1	1302	8.6	71722.0	-3849.5
1123	9.2	65351.2	-3849.9	1213	10.0	70431.8	-3845.8	1303	8.0	71739.5	-3842.0
1124	9.6	65409.2	-3801.4	1214	9.9	70506.5	-3803.5	1304	10.0	71741.0	-3853.6
1125	9.3	65442.7	-3828.3	1215	9.0	70528.0	-3812.3	1305	10.0	71745.5	-3835.1
1126	9.8	65444.3	-3800.7	1216	8.9	70530.0	-3804.9	1306	9.9	71750.5	-3852.4
1127	9.9	65446.0	-3841.7	1217	9.8	70535.0	-3817.3	1307	8.6	71759.5	-3838.2
1128	8.2	65457.5	-3839.7	1218	9.8	70543.5	-3821.4	1308	9.0	71815.5	-3852.8
1129	10.0	65500.5	-3845.0	1219	9.5	70559.0	-3803.1	1309	9.4	71829.0	-3808.3
1130	9.9	65500.5	-3855.0	1220	9.5	70605.5	-3843.5	1310	9.8	71848.5	-3858.0
1131	10.0	65523.5	-3800.0	1221	9.5	70610.0	-3853.7	1311	9.3	71849.0	-3806.3
1132	9.6	65531.0	-3859.9	1222	9.4	70610.0	-3856.5	1312	8.0	71854.5	-3851.0
1133	8.7	65536.5	-3839.1	1223	10.0	70614.5	-3818.2	1313	9.5	71909.0	-3803.6
1134	10.0	65539.0	-3808.1	1224	10.0	70621.6	-3859.7	1314	9.8	71926.5	-3844.2
1135	10.0	65540.0	-3855.5	1225	9.6	70625.7	-3802.6	1315	10.0	71935.4	-3809.4
1136	10.0	65548.5	-3821.8	1226	10.0	70648.5	-3832.0	1316	9.5	71945.1	-3833.2
1137	9.4	65602.0	-3849.5	1227	10.0	70650.5	-3824.3	1317	10.2	71953.6	-3822.4
1138	9.3	65610.0	-3815.0	1228	9.9	70650.5	-3806.1	1318	9.6	71956.0	-3856.9
1139	9.2	65617.0	-3807.2	1229	10.0	70700.3	-3857.8	1319	7.8	72016.8	-3801.8
1140	9.8	65629.0	-3851.6	1230	7.7	70708.0	-3853.8	1320	9.3	72036.0	-3806.1
1141	8.7	65653.5	-3814.7	1231	10.0	70710.5	-3823.6	1321	9.8	72039.0	-3840.0
1142	10.0	65659.5	-3805.3	1232	9.8	70711.0	-3853.4	1322	9.4	72039.8	-3806.0
1143	9.9	65706.0	-3815.9	1233	8.6	70723.0	-3811.0	1323	9.8	72044.6	-3856.1
1144	9.1	65724.5	-3826.2	1234	8.7	70750.5	-3855.5	1324	9.8	72054.1	-3851.9
1145	9.6	65727.0	-3854.6	1235	9.5	70755.5	-3835.2	1325	9.8	72059.6	-3801.3
1146	9.5	65733.0	-3808.0	1236	10.0	70757.5	-3836.3	1326	9.8	72100.6	-3833.5
1147	9.9	65747.1	-3859.9	1237	9.9	70800.5	-3841.6	1327	10.1	72100.6	-3850.9
1148	9.6	65813.0	-3810.9	1238	10.0	70815.0	-3828.0	1328	10.0	72110.6	-3826.9
1149	9.2	65813.0	-3809.5	1239	9.9	70816.5	-3832.3	1329	8.3	72132.6	-3831.6
1150	10.0	65832.0	-3845.0	1240	10.0	70819.5	-3859.8	1330	9.8	72140.6	-3835.7
1151	9.9	65832.0	-3806.4	1241	9.8	70823.5	-3808.0	1331	9.1	72140.6	-3845.3
1152	10.0	65836.0	-3841.8	1242	10.0	70839.6	-3826.2	1332	9.6	72150.6	-3812.8
1153	9.6	65902.5	-3827.0	1243	10.0	70850.0	-3801.6	1333	10.2	72150.6	-3838.0
1154	9.4	65907.0	-3806.3	1244	7.7	70910.5	-3816.7	1334	10.2	72152.1	-3834.4
1155	9.8	65940.0	-3856.3	1245	10.0	70914.0	-3855.2	1335	9.8	72159.6	-3811.5
1156	10.0	65942.0	-3851.1	1246	10.0	70944.0	-3852.3	1336	10.2	72200.6	-3852.8
1157	9.6	65945.0	-3805.5	1247	8.8	70945.5	-3848.3	1337	10.2	72201.4	-3857.7
1158	9.8	65956.0	-3822.0	1248	10.0	70950.5	-3838.5	1338	10.2	72204.1	-3825.6
1159	9.3	70001.0	-3815.0	1249	9.9	70950.5	-3846.2	1339	10.2	72210.6	-3852.2
1160	9.6	70008.5	-3845.4	1250	10.0	71000.5	-3812.3	1340	9.6	72255.1	-3844.8
1161	9.6	70011.0	-3802.1	1251	9.8	71010.5	-3859.9	1341	8.6	72300.6	-3850.3
1162	9.8	70011.5	-3825.4	1252	9.9	71029.0	-3819.3	1342	10.0	72308.6	-3805.6
1163	8.5	70018.0	-3827.5	1253	10.0	71030.0	-3839.8	1343	9.8	72313.1	-3803.8
1164	9.9	70029.0	-3826.3	1254	10.0	71032.5	-3822.5	1344	10.2	72315.1	-3833.5
1165	9.5	70043.0	-3852.2	1255	9.3	71045.5	-3821.7	1345	8.8	72350.4	-3856.7
1166	9.0	70043.5	-3809.7	1256	10.0	71055.5	-3837.1	1346	10.2	72350.6	-3826.6
1167	9.5	70047.0	-3816.3	1257	9.2	71109.5	-3857.3	1347	10.2	72405.6	-3837.9
1168	7.8	70106.3	-3802.7	1258	9.6	71109.5	-3840.0	1348	10.2	72410.6	-3846.4
1169	10.0	70109.0	-3847.8	1259	9.0	71121.5	-3835.3	1349	8.9	72421.6	-3807.6
1170	9.6	70112.0	-3818.0	1260	10.0	71153.0	-3808.3	1350	10.2	72431.1	-3823.5
1351	5.7	72446.1	-3833.2								
1352	9.6	72447.1	-3853.8								
1353	9.8	72452.3	-3850.2								
1354	9.6	72459.3	-3843.7								
1355	10.0	72513.3	-3838.6								
1356	10.2	72513.8	-3817.8								
1357	10.2	72514.8	-3802.7								
1358	10.0	72522.3	-3830.4								
1359	9.8	72524.3	-3851.9								
1360	9.6	72524.3	-3811.8								
1361	9.8	72530.8	-3848.7								
1362	9.0	72538.3	-3824.4								
1363	10.2	72539.3	-3811.6								
1364	9.8	72540.3	-3833.8								
1365	10.0	72550.3	-3804.8								
1366	10.2	72553.3	-3804.1								
1367	10.2	72558.3	-3832.4								
1368	10.2	72602.8	-3852.9								
1369	9.5	72604.3	-3821.3								
1370	9.8	72611.3	-3826.6								
1371	10.2	72620.3	-3833.7								
1372	9.8	72621.3	-3855.1								
1373	10.0	72625.3	-3845.7								
1374	10.2	72625.8	-3838.4								
1375	9.2	72632.3	-3827.2								
1376	10.0	72632.8	-3802.5								
1377	10.2	72637.8	-3858.3								
1378	10.0	72638.3	-3833.7								
1379	10.0	72640.8	-3831.8								
1380	10.0	72641.8	-3831.2								
1381	9.0	72646.3	-3820.1								
1382	9.3	72646.3	-3806.9								
1383	10.0	72646.3	-3805.7								
1384	9.8	72653.3	-3807.1								
1385	10.0	72655.3	-3816.2								
1386	10.0	72657.3	-3811.7								
1387	9.2	72700.3	-3835.2								
1388	10.2	72705.3	-3819.6								
1389	8.7	72722.3	-3813.4								
1390	10.2	72727.8	-3832.0								
1391	9.8	72737.3	-3826.1								
1392	10.0	72741.8	-3850.7								
1393	8.8	72810.9	-3842.3								
1394	10.1	72824.9	-3853.7								
1395	10.0	72828.9	-3805.4								
1396	10.2	72829.9	-3857.8								
1397	10.0	72835.4	-3855.1								
1398	10.1	72839.9	-3832.3								
1399	9.8	72842.3	-3857.7								
1400	10.2	72850.9	-3832.9								
1401	9.8	72852.4	-3829.7								
1402	10.2	72855.5	-3859.5								
1403	9.6	72859.9	-3811.2								
1404	10.2	72904.4	-3814.0								
1405	10.0	72907.4	-3847.1								
1406	10.2	72914.9	-3847.4								
1407	9.3	72915.4	-3827.1								
1408	9.6	72918.4	-3856.9								
1409	10.0	72932.4	-3819.3								
1410	10.2	72951.9	-3829.5								
1411	10.2	72955.4	-3840.4								
1412	10.2	73015.6	-3859.9								
1413	10.2	73016.9	-3812.0								
1414	9.2	73019.4	-3833.1								
1415	10.0	73019.9	-3818.1								
1416	9.8	73021.4	-3829.1								
1417	9.5	73023.9	-3840.1								
1418	10.2	73026.4	-3830.1								
1419	9.8	73026.9	-3843.1								
1420	9.5	73033.4	-3805.3								
1421	10.2	73035.4	-3859.8								
1422	9.6	73039.9	-3819.6								
1423	10.2	73040.4	-3841.5								
1424	9.8	73040.9	-3800.6								
1425	9.3	73044.4	-3836.1								
1426	9.6	73046.9	-3822.7								
1427	9.8	73049.9	-3802.3								
1428	9.8	73052.9	-3831.1								
1429	8.4	73052.9	-3847.5								
1430	9.4	73059.4	-3843.5								
1431	8.8	73100.9	-3838.8								
1432	10.0	73104.4	-3817.9								
1433	9.2	73107.9	-3834.9								
1434	9.8	73109.7	-3828.5								
1435	9.3	73111.4	-3802.7								
1436	9.0	73119.7	-3809.0								
1437	9.6	73124.7	-3848.6								
1438	9.8	73134.7	-3845.7								
1439	9.8	73140.7	-3833.6								
1440	9.8	73142.7	-3856.3								

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1441	9.8	73143.7	-3850.4	1531	10.2	73723.3	-3816.7	1621	9.8	74352.4	-3804.0
1442	9.6	73151.4	-3800.5	1532	9.3	73732.8	-3816.1	1622	9.6	74352.9	-3842.2
1443	9.3	73155.7	-3846.0	1533	7.2	73734.3	-3814.0	1623	9.0	74357.9	-3802.5
1444	9.6	73159.7	-3813.6	1534	8.5	73734.8	-3803.3	1624	9.8	74358.9	-3806.2
1445	9.8	73159.7	-3817.9	1535	10.2	73736.8	-3804.9	1625	10.2	74402.9	-3831.4
1446	9.8	73213.2	-3847.3	1536	10.2	73737.8	-3856.4	1626	9.6	74408.9	-3831.6
1447	9.6	73216.7	-3807.1	1537	8.9	73741.3	-3819.0	1627	9.8	74414.7	-3858.0
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1449	9.0	73231.7	-3854.5	1539	10.2	73745.3	-3809.2	1629	10.2	74416.4	-3808.8
1450	8.5	73234.7	-3832.3	1540	8.3	73748.3	-3813.5	1630	9.8	74416.9	-3834.2
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1452	9.8	73252.2	-3827.1	1542	9.8	73751.3	-3833.6	1632	10.2	74419.4	-3818.3
1453	10.2	73254.7	-3808.5	1543	10.0	73752.8	-3826.8	1633	10.2	74419.9	-3826.3
1454	8.7	73255.7	-3846.4	1544	9.5	73800.3	-3804.5	1634	9.3	74421.6	-3846.7
1455	8.8	73256.7	-3855.3	1545	8.9	73809.3	-3826.6	1635	9.8	74430.6	-3831.5
1456	10.2	73258.2	-3835.7	1546	7.4	73809.3	-3854.5	1636	9.8	74435.1	-3830.6
1457	10.2	73305.7	-3840.6	1547	10.2	73811.3	-3833.2	1637	10.2	74437.6	-3814.3
1458	9.8	73311.2	-3857.2	1548	10.0	73812.8	-3855.4	1638	9.2	74442.6	-3828.1
1459	9.6	73320.2	-3842.9	1549	10.2	73819.3	-3838.9	1639	10.1	74444.6	-3827.5
1460	9.0	73321.2	-3803.6	1550	10.2	73821.3	-3830.0	1640	9.6	74448.6	-3841.9
1461	10.1	73331.7	-3807.0	1551	9.2	73824.3	-3837.9	1641	8.6	74458.1	-3808.5
1462	10.0	73334.7	-3848.5	1552	7.9	73828.8	-3837.4	1642	10.1	74459.1	-3816.5
1463	9.5	73335.2	-3808.8	1553	9.6	73831.8	-3830.6	1643	8.0	74506.6	-3841.2
1464	9.2	73341.2	-3810.2	1554	9.3	73834.3	-3831.5	1644	10.2	74507.6	-3842.3
1465	10.1	73341.2	-3817.2	1555	8.1	73843.8	-3834.0	1645	10.0	74507.6	-3839.5
1466	10.0	73349.8	-3859.9	1556	10.2	73843.8	-3837.0	1646	10.0	74512.6	-3827.7
1467	9.8	73400.7	-3843.1	1557	10.2	73848.8	-3845.6	1647	10.2	74517.1	-3853.2
1468	10.2	73402.7	-3844.4	1558	10.2	73850.3	-3845.7	1648	9.0	74518.6	-3837.3
1469	8.2	73403.7	-3825.2	1559	8.8	73851.3	-3857.2	1649	10.0	74519.6	-3811.9
1470	7.6	73410.7	-3829.8	1560	10.2	73852.3	-3847.0	1650	9.1	74520.6	-3847.9
1471	9.5	73411.7	-3830.8	1561	10.0	73859.3	-3850.6	1651	9.8	74523.1	-3814.9
1472	10.2	73414.7	-3804.2	1562	9.8	73911.3	-3828.1	1652	9.8	74525.1	-3815.1
1473	9.8	73415.2	-3821.4	1563	10.2	73919.8	-3826.3	1653	9.4	74532.1	-3808.4
1474	10.2	73421.0	-3827.1	1564	10.1	73924.3	-3836.1	1654	10.2	74534.6	-3833.6
1475	10.0	73427.0	-3830.1	1565	9.8	73929.2	-3818.1	1655	9.6	74537.6	-3824.5
1476	10.2	73428.5	-3851.0	1566	9.8	73935.2	-3821.7	1656	10.2	74541.1	-3817.9
1477	10.1	73431.3	-3858.2	1567	7.7	73939.2	-3831.1	1657	9.1	74545.1	-3846.1
1478	9.6	73431.5	-3820.4	1568	9.8	74000.2	-3818.0	1658	10.2	74550.9	-3843.1
1479	10.2	73445.5	-3824.3	1569	9.8	74000.2	-3846.2	1659	10.0	74603.6	-3829.9
1480	10.0	73449.5	-3816.4	1570	10.2	74003.7	-3830.8	1660	10.2	74618.8	-3842.5
1481	10.1	73454.5	-3808.7	1571	10.0	74004.2	-3830.5	1661	10.2	74620.6	-3821.5
1482	9.5	73455.5	-3827.5	1572	8.8	74004.7	-3828.7	1662	10.0	74620.8	-3855.9
1483	9.2	73457.5	-3828.0	1573	9.8	74009.2	-3814.9	1663	10.1	74622.6	-3839.9
1484	8.8	73459.5	-3809.4	1574	8.8	74014.2	-3836.5	1664	9.6	74630.1	-3828.8
1485	10.2	73500.5	-3827.3	1575	8.2	74021.2	-3843.2	1665	10.2	74630.6	-3804.3
1486	5.2	73502.6	-3801.3	1576	10.1	74021.2	-3815.5	1666	9.1	74633.9	-3800.8
1487	9.8	73505.2	-3800.6	1577	9.6	74023.7	-3805.4	1667	9.2	74634.1	-3822.1
1488	8.6	73508.5	-3834.7	1578	10.2	74029.2	-3801.1	1668	9.5	74636.1	-3806.7
1489	10.2	73509.5	-3859.0	1579	10.0	74029.2	-3809.6	1669	10.1	74638.5	-3817.8
1490	10.1	73512.0	-3854.5	1580	9.1	74032.2	-3856.4	1670	9.8	74643.1	-3817.8
1491	9.6	73519.5	-3858.9	1581	9.6	74033.2	-3813.2	1671	9.6	74651.3	-3810.1
1492	7.6	73529.5	-3815.6	1582	10.2	74033.3	-3843.9	1672	9.5	74654.3	-3838.1
1493	10.1	73529.5	-3822.7	1583	10.0	74041.2	-3805.3	1673	10.0	74702.8	-3846.1
1494	10.2	73530.5	-3815.0	1584	10.0	74041.7	-3803.5	1674	10.0	74711.6	-3807.1
1495	9.8	73530.5	-3814.6	1585	9.6	74042.2	-3847.5	1675	10.2	74714.6	-3813.9
1496	10.0	73533.5	-3831.8	1586	10.2	74049.7	-3835.7	1676	10.4	74714.6	-3812.6
1497	9.8	73539.5	-3832.2	1587	10.2	74054.2	-3818.0	1677	10.4	74720.6	-3814.7
1498	9.6	73540.0	-3807.0	1588	10.2	74057.7	-3818.5	1678	9.8	74721.1	-3803.8
1499	10.1	73542.0	-3816.5	1589	9.5	74058.2	-3849.1	1679	10.4	74724.1	-3813.0
1500	10.2	73552.5	-3857.1	1590	9.8	74103.7	-3825.7	1680	9.8	74724.6	-3842.2
1501	10.0	73554.5	-3827.7	1591	9.6	74109.2	-3843.6	1681	10.2	74727.1	-3815.1
1502	10.2	73556.0	-3839.9	1592	10.2	74109.7	-3853.7	1682	8.2	74727.6	-3835.5
1503	10.0	73601.0	-3824.7	1593	10.2	74110.2	-3826.7	1683	10.2	74730.1	-3817.6
1504	10.0	73607.0	-3850.1	1594	9.2	74110.7	-3841.6	1684	10.0	74732.1	-3856.0
1505	9.8	73612.0	-3839.9	1595	9.1	74113.2	-3819.9	1685	10.4	74732.1	-3813.1
1506	8.8	73613.5	-3835.9	1596	9.3	74119.2	-3842.9	1686	10.0	74737.9	-3814.9
1507	10.2	73614.0	-3849.3	1597	8.6	74122.7	-3840.1	1687	10.4	74739.6	-3812.5
1508	8.8	73614.5	-3812.9	1598	10.0	74132.2	-3831.2	1688	10.4	74740.6	-3815.5
1509	10.2	73621.0	-3838.9	1599	9.6	74135.2	-3850.4	1689	10.4	74740.6	-3814.1
1510	10.2	73624.5	-3836.1	1600	10.2	74149.2	-3809.7	1690	9.8	74741.3	-3815.9
1511	10.2	73624.5	-3819.5	1601	9.8	74204.9	-3822.0	1691	9.8	74743.9	-3814.7
1512	9.8	73625.0	-3847.2	1602	9.8	74208.9	-3844.1	1692	10.4	74749.0	-3814.2
1513	9.3	73625.5	-3820.0	1603	9.1	74208.9	-3845.3	1693	10.2	74751.3	-3814.2
1514	9.5	73628.5	-3849.3	1604	10.0	74218.4	-3831.5	1694	10.2	74751.9	-3809.1
1515	10.2	73629.0	-3834.6	1605	8.9	74226.9	-3809.6	1695	9.0	74752.6	-3853.3
1516	10.2	73630.5	-3843.4	1606	9.3	74229.9	-3803.0	1696	10.0	74752.8	-3809.7
1517	9.6	73638.5	-3807.4	1607	10.1	74234.4	-3817.8	1697	10.2	74755.2	-3813.4
1518	10.2	73642.5	-3816.4	1608	9.0	74238.4	-3812.8	1698	10.4	74756.2	-3812.7
1519	10.2	73643.2	-3858.1	1609	10.2	74240.9	-3830.8	1699	10.4	74758.6	-3819.3
1520	9.2	73643.5	-3844.7	1610	7.8	74248.4	-3847.8	1700	10.1	74803.0	-3808.8
1521	9.0	73650.3	-3818.2	1611	10.2	74248.9	-3824.8	1701	10.0	74803.3	-3813.2
1522	9.8	73650.5	-3837.6	1612	9.1	74258.9	-3827.2	1702	9.7	74812.3	-3806.8
1523	9.6	73651.3	-3847.3	1613	5.5	74258.9	-3812.1	1703	5.2	74813.6	-3832.3
1524	6.0	73651.8	-3814.4	1614	10.2	74307.9	-3832.6	1704	10.0	74816.6	-3817.4
1525	9.6	73653.8	-3813.0	1615	10.2	74309.9	-3837.6	1705	9.8	74817.6	-3805.3
1526	7.9	73653.8	-3856.8	1616	8.6	74314.4	-3822.0	1706	9.9	74820.1	-3803.8
1527	9.8	73659.3	-3844.2	1617	9.8	74317.4	-3824.8	1707	9.8	74825.8	-3852.3
1528	10.2	73713.3	-3854.7	1618	9.3	74337.9	-3844.0	1708	10.4	74826.6	-3843.9
1529	10.2	73714.8	-3839.9	1619	9.3	74340.4	-3835.2	1709	9.9	74830.8	-3842.6
1530	10.0	73719.3	-3807.2	1620	9.5	74342.4	-3840.6	1710	8.8	74830.8	-3828.9

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1711	10.1	74834.8	-3852.5	1721	10.4	74908.3	-3828.9	1731	10.1	74956.8	-3838.4
1712	9.8	74835.3	-3802.1	1722	9.2	74925.8	-3824.7	1732	8.8	75001.8	-3836.8
1713	10.4	74835.8	-3801.3	1723	10.4	74930.8	-3836.7	1733	10.4	75005.8	-3813.5
1714	10.4	74844.8	-3846.1	1724	9.0	74931.3	-3829.5	1734	10.4	75012.8	-3826.4
1715	10.4	74846.3	-3816.8	1725	8.6	74937.0	-3858.7	1735	10.4	75014.8	-3822.2
1716	9.9	74848.8	-3830.8	1726	10.0	74947.3	-3823.0	1736	10.4	75016.5	-3859.3
1717	9.4	74854.8	-3823.1	1727	9.8	74951.3	-3853.7	1737	7.8	75024.8	-3805.4
1718	9.8	74902.3	-3801.3	1728	9.8	74952.8	-3847.1	1738	10.2	75033.8	-3848.7
1719	9.9	74902.8	-3854.9	1729	10.4	74954.1	-3857.5	1739	10.0	75038.8	-3841.4
1720	9.6	74905.8	-3816.8	1730	9.9	74955.8	-3828.6	1740	10.0	75042.8	-3806.6
1741	9.6	75105.2	-3851.7	1751	8.6	75128.2	-3846.8	1761	10.4	75205.7	-3839.3
1742	10.2	75111.7	-3841.9	1752	9.6	75147.2	-3852.7	1762	9.4	75218.1	-3801.7
1743	9.8	75112.2	-3810.0	1753	10.2	75150.2	-3828.9	1763	10.4	75218.2	-3828.0
1744	10.4	75112.2	-3822.8	1754	9.8	75154.2	-3850.0	1764	10.4	75222.7	-3841.2
1745	7.8	75114.7	-3800.4	1755	9.6	75155.2	-3843.9	1765	10.4	75226.2	-3817.1
1746	10.4	75116.2	-3843.0	1756	10.2	75155.2	-3804.3	1766	9.9	75229.2	-3831.1
1747	10.1	75119.2	-3829.2	1757	10.4	75155.7	-3803.7	1767	8.8	75229.8	-3857.6
1748	9.8	75122.2	-3834.0	1758	10.2	75158.2	-3845.1	1768	10.4	75231.2	-3845.8
1749	9.9	75123.2	-3803.2	1759	10.4	75201.2	-3833.7	1769	10.4	75234.3	-3852.9
1750	10.4	75125.2	-3841.5	1760	9.8	75205.2	-3844.8	1770	9.0	75234.7	-3804.7
								1771	8.8	75235.2	-3853.6
								1772	10.4	75235.2	-3817.3
								1773	9.9	75235.7	-3845.6
								1774	9.9	75236.8	-3857.5
								1775	9.9	75238.2	-3816.0
								1776	8.5	75240.2	-3804.9
								1777	9.2	75243.2	-3842.1
								1778	9.9	75250.2	-3833.5
								1779	9.8	75300.7	-3818.2
								1780	9.8	75306.2	-3838.6
								1781	8.6	75309.1	-3835.3
								1782	9.9	75310.1	-3849.2
								1783	9.8	75311.1	-3848.3
								1784	9.4	75314.1	-3804.0
								1785	9.8	75314.9	-3857.2
								1786	10.4	75315.6	-3827.8
								1787	9.8	75318.1	-3803.8
								1788	9.8	75318.6	-3824.3
								1789	10.4	75321.1	-3847.3
								1790	9.9	75355.1	-3823.8
								1791	10.4	75358.6	-3806.0
								1792	10.4	75359.1	-3807.2
								1793	10.4	75359.6	-3821.4
								1794	9.9	75405.1	-3835.6
								1795	9.9	75409.6	-3837.6
								1796	10.0	75416.1	-3834.8
								1797	9.8	75420.1	-3810.2
								1798	10.2	75426.1	-3809.0
								1799	10.4	75427.1	-3827.2
								1800	9.9	75430.1	-3808.6

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-38 2160 8h15m

1801	10.4	75434.1	-3830.8	1891	10.4	75909.9	-3803.1	1981	10.4	80326.7	-3855.6
1802	10.2	75437.1	-3822.8	1892	10.4	75911.9	-3821.8	1982	10.4	80328.7	-3803.3
1803	10.1	75438.1	-3813.8	1893	9.0	75914.4	-3829.5	1983	10.4	80330.7	-3855.2
1804	9.6	75440.1	-3839.6	1894	10.4	75919.4	-3800.9	1984	9.7	80331.2	-3807.0
1805	9.9	75443.6	-3856.6	1895	10.4	75922.9	-3803.4	1985	10.1	80333.2	-3836.4
1806	10.4	75445.6	-3855.0	1896	10.2	75924.4	-3847.8	1986	10.2	80339.2	-3807.5
1807	10.4	75449.1	-3849.2	1897	8.6	75933.4	-3803.8	1987	10.4	80349.2	-3833.7
1808	9.4	75450.1	-3815.6	1898	10.2	75933.4	-3854.8	1988	8.6	80350.2	-3832.2
1809	10.4	75453.6	-3831.0	1899	9.9	75937.9	-3832.0	1989	9.8	80350.2	-3834.0
1810	10.1	75502.5	-3802.4	1900	9.8	75939.9	-3815.6	1990	10.4	80405.2	-3818.3
1811	6.5	75503.7	-3857.3	1901	10.4	75944.9	-3823.6	1991	9.2	80407.2	-3847.2
1812	9.6	75509.1	-3841.4	1902	10.2	75945.8	-3801.8	1992	9.4	80408.2	-3846.9
1813	8.6	75509.1	-3849.8	1903	9.9	75946.4	-3803.2	1993	10.4	80411.2	-3835.4
1814	10.1	75515.1	-3827.4	1904	10.4	75947.9	-3819.7	1994	10.2	80415.2	-3835.7
1815	9.4	75521.6	-3819.8	1905	9.2	75949.5	-3857.2	1995	10.4	80429.2	-3831.1
1816	9.4	75523.8	-3801.0	1906	10.4	80000.9	-3852.0	1996	10.1	80429.2	-3830.8
1817	10.4	75526.1	-3855.2	1907	9.4	80004.4	-3824.4	1997	9.4	80429.7	-3842.6
1818	9.9	75528.6	-3850.9	1908	9.6	80004.9	-3815.3	1998	10.4	80430.2	-3827.2
1819	9.7	75529.1	-3838.9	1909	9.4	80007.9	-3816.6	1999	9.9	80435.2	-3840.2
1820	10.0	75530.1	-3820.5	1910	9.8	80010.9	-3852.2	2000	9.6	80439.2	-3803.5
1821	10.4	75531.1	-3856.5	1911	10.2	80013.9	-3839.2	2001	10.4	80441.7	-3831.0
1822	9.0	75532.1	-3826.0	1912	10.2	80013.9	-3839.9	2002	10.2	80450.2	-3800.1
1823	9.0	75544.1	-3832.0	1913	9.9	80014.9	-3841.8	2003	9.2	80451.7	-3813.4
1824	10.4	75545.1	-3849.1	1914	9.4	80018.9	-3829.7	2004	9.4	80453.2	-3846.4
1825	10.0	75545.6	-3847.7	1915	9.8	80021.4	-3852.7	2005	9.8	80453.2	-3848.1
1826	9.6	75549.6	-3849.9	1916	10.4	80023.8	-3801.0	2006	9.2	80458.2	-3813.9
1827	10.2	75550.3	-3801.1	1917	10.4	80026.9	-3857.8	2007	10.1	80458.7	-3832.4
1828	10.4	75551.1	-3818.0	1918	10.4	80027.9	-3801.2	2008	9.2	80459.2	-3829.4
1829	10.1	75559.1	-3829.3	1919	9.4	80029.9	-3837.7	2009	10.1	80459.7	-3842.8
1830	8.8	75603.6	-3839.4	1920	9.7	80029.9	-3818.2	2010	10.4	80501.2	-3801.4
1831	9.0	75606.1	-3831.8	1921	10.4	80030.5	-3858.6	2011	10.1	80502.2	-3824.4
1832	10.1	75607.6	-3831.6	1922	10.2	80032.9	-3805.2	2012	9.8	80510.9	-3857.1
1833	9.2	75612.1	-3849.3	1923	10.4	80036.4	-3825.2	2013	9.8	80515.2	-3826.8
1834	9.2	75613.1	-3818.8	1924	9.9	80037.2	-3801.6	2014	9.9	80519.2	-3841.4
1835	10.4	75620.1	-3812.8	1925	10.2	80039.9	-3817.9	2015	10.4	80522.2	-3808.4
1836	9.4	75620.1	-3848.1	1926	9.4	80043.9	-3850.8	2016	9.8	80523.2	-3825.1
1837	10.4	75623.6	-3836.0	1927	10.4	80044.9	-3846.6	2017	9.7	80524.2	-3855.9
1838	8.5	75626.1	-3822.8	1928	10.1	80045.9	-3811.6	2018	9.4	80525.7	-3854.9
1839	10.1	75629.6	-3819.4	1929	8.5	80047.4	-3841.9	2019	10.1	80534.2	-3813.9
1840	10.4	75633.6	-3839.7	1930	9.7	80050.4	-3825.2	2020	10.4	80544.2	-3803.3
1841	10.2	75635.1	-3844.0	1931	10.4	80054.6	-3815.3	2021	9.9	80546.2	-3847.9
1842	10.1	75636.1	-3845.4	1932	9.9	80059.6	-3831.5	2022	10.2	80549.2	-3837.4
1843	9.6	75643.6	-3839.0	1933	9.9	80059.6	-3843.3	2023	9.2	80601.2	-3840.7
1844	10.4	75647.6	-3846.9	1934	10.0	80100.1	-3832.0	2024	9.7	80609.2	-3850.9
1845	10.1	75648.6	-3815.1	1935	9.9	80107.6	-3823.2	2025	9.4	80620.7	-3829.2
1846	9.9	75648.6	-3830.4	1936	10.4	80108.1	-3824.8	2026	10.1	80623.6	-3859.8
1847	9.8	75649.6	-3845.7	1937	9.6	80116.1	-3826.9	2027	7.4	80627.8	-3842.5
1848	10.2	75650.6	-3819.9	1938	9.8	80127.6	-3806.2	2028	8.5	80629.8	-3841.7
1849	10.0	75655.1	-3833.0	1939	9.8	80129.6	-3844.0	2029	9.9	80632.9	-3859.3
1850	9.2	75658.6	-3822.5	1940	8.2	80132.6	-3847.5	2030	9.9	80642.4	-3858.1
1851	10.4	75703.6	-3818.2	1941	10.0	80139.6	-3819.7	2031	9.2	80645.8	-3844.8
1852	10.4	75704.1	-3826.3	1942	10.0	80148.1	-3834.2	2032	9.2	80652.8	-3838.3
1853	10.2	75707.8	-3858.7	1943	9.2	80148.1	-3819.5	2033	10.0	80653.8	-3803.1
1854	10.2	75708.1	-3828.0	1944	8.0	80149.6	-3832.4	2034	10.4	80703.8	-3839.0
1855	10.0	75715.1	-3832.9	1945	10.2	80153.1	-3825.2	2035	8.1	80721.3	-3835.7
1856	10.4	75720.1	-3827.9	1946	10.4	80153.1	-3849.1	2036	9.0	80730.3	-3846.3
1857	8.4	75722.1	-3807.9	1947	9.4	80155.6	-3827.9	2037	10.4	80731.3	-3812.5
1858	9.9	75728.1	-3828.5	1948	10.0	80157.6	-3828.1	2038	9.4	80732.8	-3831.3
1859	9.8	75730.1	-3822.0	1949	9.2	80201.6	-3856.7	2039	10.1	80734.8	-3852.8
1860	9.0	75736.1	-3831.7	1950	10.4	80206.1	-3810.8	2040	10.1	80739.3	-3818.1
1861	9.6	75738.1	-3844.9	1951	9.9	80207.6	-3821.7	2041	9.6	80748.8	-3856.3
1862	10.4	75743.1	-3843.4	1952	10.4	80209.6	-3841.5	2042	9.9	80748.9	-3848.0
1863	9.7	75745.1	-3808.1	1953	10.2	80210.6	-3848.2	2043	10.4	80748.9	-3822.4
1864	9.2	75745.1	-3808.5	1954	10.0	80213.6	-3832.2	2044	10.2	80753.4	-3853.2
1865	8.8	75756.1	-3849.3	1955	9.6	80223.6	-3838.4	2045	10.1	80804.9	-3838.6
1866	10.2	75756.1	-3829.0	1956	9.9	80224.5	-3802.4	2046	9.8	80814.4	-3854.5
1867	10.2	75758.6	-3835.8	1957	9.4	80225.1	-3812.4	2047	9.9	80818.4	-3850.1
1868	9.4	75758.6	-3812.5	1958	9.2	80228.6	-3852.0	2048	9.8	80819.1	-3800.6
1869	9.0	75805.1	-3841.6	1959	10.0	80229.6	-3815.3	2049	10.2	80819.4	-3818.7
1870	10.1	75809.1	-3852.1	1960	9.9	80231.6	-3850.9	2050	9.9	80820.0	-3857.3
1871	9.9	75815.1	-3832.1	1961	10.4	80234.6	-3837.6	2051	10.2	80834.4	-3844.0
1872	9.8	75823.6	-3836.0	1962	9.0	80235.6	-3841.3	2052	9.8	80837.4	-3852.0
1873	9.7	75825.6	-3837.9	1963	9.4	80239.6	-3811.8	2053	8.6	80847.9	-3840.9
1874	10.4	75836.1	-3849.0	1964	10.4	80247.1	-3827.7	2054	7.7	80848.4	-3803.7
1875	9.8	75836.6	-3819.9	1965	9.8	80248.6	-3843.3	2055	10.4	80850.9	-3802.1
1876	10.1	75840.1	-3837.0	1966	9.8	80249.6	-3856.3	2056	10.4	80853.4	-3807.0
1877	9.2	75840.1	-3823.2	1967	10.4	80252.6	-3839.4	2057	9.0	80858.4	-3840.3
1878	10.4	75844.1	-3812.4	1968	9.0	80254.6	-3828.9	2058	9.2	80903.4	-3837.1
1879	10.2	75846.1	-3856.8	1969	10.4	80254.6	-3854.1	2059	9.8	80915.4	-3853.8
1880	9.2	75849.1	-3810.7	1970	9.0	80257.2	-3834.3	2060	10.0	80926.4	-3825.1
1881	9.9	75849.1	-3838.9	1971	10.4	80301.2	-3835.3	2061	10.4	80928.4	-3833.4
1882	8.8	75854.1	-3817.2	1972	9.7	80305.7	-3842.1	2062	10.2	80929.9	-3809.0
1883	10.0	75854.6	-3849.4	1973	10.0	80309.2	-3801.3	2063	10.1	80932.8	-3857.3
1884	10.0	75855.1	-3840.3	1974	10.4	80309.7	-3834.0	2064	9.8	80940.4	-3850.7
1885	10.1	75855.1	-3835.6	1975	10.4	80313.2	-3806.2	2065	9.8	80943.4	-3842.0
1886	10.0	75855.6	-3844.6	1976	9.2	80314.2	-3818.8	2066	10.0	80947.6	-3858.5
1887	10.0	75856.1	-3824.0	1977	10.4	80319.2	-3841.3	2067	10.0	80952.9	-3831.3
1888	10.4	75858.1	-3806.9	1978	10.4	80319.2	-3837.4	2068	8.0	80956.9	-3807.7
1889	10.1	75905.6	-3844.2	1979	9.9	80319.2	-3821.7	2069	10.1	80957.4	-3826.6
1890	10.2	75906.1	-3803.8	1980	10.4	80323.7	-3835.4	2070	10.4	81007.9	-3855.4
2071	9.0	81009.4	-3834.4								
2072	9.4	81010.7	-3802.0								
2073	9.6	81011.9	-3856.0								
2074	9.4	81016.7	-3802.0								
2075	10.0	81028.4	-3808.6								
2076	9.4	81029.4	-3830.0								
2077	10.2	81029.9	-3820.2								
2078	9.2	81032.4	-3853.5								
2079	10.4	81042.6	-3824.1								
2080	10.2	81043.1	-3806.0								
2081	10.2	81047.6	-3822.2								
2082	9.9	81049.2	-3838.7								
2083	9.8	81058.1	-3828.7								
2084	9.0	81102.1	-3836.4								
2085	9.9	81111.6	-3840.9								
2086	10.4	81121.1	-3848.0								
2087	9.8	81123.1	-3834.0								
2088	9.4	81149.1	-3807.8								
2089	9.2	81151.1	-3801.8								
2090	9.9	81151.6	-3843.0								
2091	9.6	81153.1	-3836.3								
2092	9.8	81154.1	-3848.1								
2093	8.6	81158.1	-3815.9								
2094	10.2	81158.6	-3826.8								
2095	8.6	81159.6	-3824.8								
2096	9.4	81205.4	-3801.1								
2097	10.2	81207.6	-3853.1								
2098	10.0	81208.1	-3804.9								
2099	9.9	81210.1	-3833.8								
2100	10.2	81222.6	-3855.7								
2101	9.2	81223.2	-3857.9								
2102	10.2	81230.6	-3802.7								
2103	9.6	81230.6	-3807.9								
2104	9.0	81231.6	-3845.8								
2105	9.4	81236.1	-3828.5								
2106	8.8	81237.1	-3807.2								
2107	10.4	81237.6	-3836.2								
2108	10.2	81238.1	-3837.9								
2109	8.0	81241.6	-3845.8								
2110	10.2	81246.7	-3845.1								
2111	8.8	81302.1	-3840.4								
2112	9.4	81307.7	-3812.6								
2113	10.2	81308.7	-3824.9								
2114	8.4	81309.6	-3843.0								
2115	9.4	81317.7	-3832.1								
2116	9.8	81318.7	-3809.4								
2117	10.4	81320.0	-3855.1								
2118	10.4	81322.7	-3816.9								
2119	10.4	81325.8	-3831.5								
2120	8.2	81327.3	-3826.4								
2121	10.4	81331.2	-3855.0								
2122	9.8	81335.7	-3846.2								
2123	9.4	81336.3	-3803.0								
2124	10.1	81338.7	-3852.0								
2125	10.0	81343.2	-3854.0								
2126	10.0	81351.5	-3852.2								
2127	10.2	81352.3	-3836.0								
2128	10.3	81356.8	-3830.4								
2129	8.0	81401.5	-3822.2								
2130	10.3	81402.8	-3807.0								
2131	7.5	81405.8	-3818.2								
2132	9.4	81405.8	-3846.9								
2133	10.2	81407.3	-3829.0								
2134	10.3	81409.8	-3813.0								
2135	9.4	81416.8	-3826.7								
2136	10.0	81421.3	-3800.9								
2137	9.2	81422.8	-3826.2								
2138	9.7	81422.8	-3801.8								
2139	10.3	81423.8	-3810.1								
2140	7.2	81424.8	-3841.3								
2141	10.0	81427.9	-3822.7								
2142	10.3	81431.3	-3807.9								
2143	10.3	81431.6	-3858.8								
2144	9.2	81432.8	-3805.8								
2145	10.3	81436.8	-3807.7								
2146	10.0	81442.8	-3835.0								
2147	9.9	81444.8	-3834.0								
2148	9.2	81446.8	-3811.4								
2149	10.3	81451.7	-3857.4								
2150	9.8	81451.8	-3806.5								
2151	10.0	81453.3	-3835.0								
2152	10.2	81502.8	-3818.5								
2153	10.3	81511.3	-3810.7								
2154	10.2	81511.8	-3856.8								
2155	9.8	81512.8	-3835.2								
2156	9.9	81512.8	-3848.4								
2157	10.3	81516.3	-3804.1								
2158	10.2	81516.3	-3806.9								
2159	9.3	81516.8	-3830.3								
2160	10.3	81517.3	-3802.9								

-38 2161 8h15m

-38 2520 8h33m

2161	9.8	81521.8	-3806.9	2251	10.3	81949.7	-3857.7	2341	10.3	82346.3	-3818.6
2162	9.2	81526.8	-3817.1	2252	10.3	81950.0	-3852.5	2342	10.3	82348.3	-3818.5
2163	10.2	81528.5	-3801.0	2253	10.2	81950.0	-3841.1	2343	9.9	82349.8	-3834.6
2164	9.8	81529.8	-3818.1	2254	10.2	81951.0	-3835.0	2344	10.0	82350.0	-3800.9
2165	9.6	81531.8	-3803.2	2255	9.0	81959.5	-3822.4	2345	10.0	82351.3	-3853.0
2166	10.2	81531.8	-3827.1	2256	10.0	82006.5	-3820.5	2346	8.7	82351.3	-3820.4
2167	9.8	81537.8	-3806.1	2257	9.7	82006.5	-3847.9	2347	9.8	82351.3	-3878.4
2168	10.2	81540.8	-3806.0	2258	10.3	82010.5	-3847.4	2348	9.4	82352.8	-3845.4
2169	9.2	81540.8	-3827.4	2259	10.3	82015.0	-3823.8	2349	10.2	82354.3	-3849.1
2170	10.3	81552.8	-3801.8	2260	10.2	82015.0	-3839.8	2350	9.2	82355.3	-3828.2
2171	10.0	81559.3	-3841.1	2261	10.2	82016.5	-3834.8	2351	8.4	82356.3	-3840.8
2172	10.0	81608.8	-3850.0	2262	9.9	82018.5	-3808.2	2352	10.2	82357.3	-3830.7
2173	8.9	81612.8	-3844.8	2263	10.0	82019.0	-3838.1	2353	10.3	82410.3	-3831.2
2174	9.4	81613.8	-3813.0	2264	10.3	82019.5	-3825.8	2354	10.2	82411.3	-3830.9
2175	10.2	81621.8	-3822.2	2265	9.9	82021.5	-3830.8	2355	10.2	82417.3	-3847.3
2176	10.3	81621.8	-3847.9	2266	10.2	82025.0	-3854.6	2356	10.3	82425.3	-3812.6
2177	10.2	81622.3	-3819.6	2267	9.8	82026.0	-3845.8	2357	10.3	82431.1	-3859.4
2178	10.3	81622.8	-3846.7	2268	10.3	82026.5	-3824.0	2358	9.9	82435.8	-3822.2
2179	10.2	81641.8	-3841.0	2269	9.8	82027.3	-3837.4	2359	9.8	82441.3	-3830.4
2180	10.3	81648.3	-3817.4	2270	10.3	82033.0	-3851.2	2360	9.7	82444.8	-3805.4
2181	9.8	81651.8	-3854.9	2271	10.3	82036.0	-3810.5	2361	8.8	82452.8	-3812.0
2182	10.3	81656.3	-3847.8	2272	10.2	82039.2	-3859.0	2362	9.0	82455.9	-3815.2
2183	10.0	81659.8	-3835.2	2273	10.3	82041.5	-3821.8	2363	9.2	82456.3	-3830.4
2184	10.0	81701.8	-3807.0	2274	9.9	82044.5	-3844.6	2364	8.2	82456.4	-3811.3
2185	9.0	81702.5	-3802.2	2275	9.8	82046.5	-3804.2	2365	10.2	82456.9	-3834.4
2186	9.6	81702.8	-3825.1	2276	8.9	82052.0	-3837.0	2366	9.2	82457.4	-3840.4
2187	9.8	81704.3	-3823.8	2277	9.8	82054.5	-3838.6	2367	10.3	82457.9	-3837.4
2188	10.2	81706.8	-3852.1	2278	10.3	82056.5	-3856.3	2368	10.3	82458.9	-3856.1
2189	10.3	81712.3	-3812.0	2279	10.3	82059.8	-3800.6	2369	9.6	82516.9	-3804.3
2190	10.3	81718.3	-3802.0	2280	10.0	82102.3	-3832.1	2370	9.9	82521.3	-3857.5
2191	9.7	81720.3	-3850.8	2281	9.2	82103.0	-3822.0	2371	9.6	82524.4	-3805.1
2192	10.2	81720.3	-3850.0	2282	9.9	82104.0	-3842.2	2372	10.2	82527.9	-3855.7
2193	9.8	81721.3	-3847.1	2283	9.2	82106.0	-3821.6	2373	10.0	82538.9	-3818.0
2194	10.2	81721.8	-3849.4	2284	9.8	82106.0	-3815.2	2374	10.2	82541.4	-3826.8
2195	10.3	81726.6	-3859.9	2285	10.3	82106.5	-3813.6	2375	9.6	82541.9	-3842.2
2196	10.3	81727.8	-3807.0	2286	9.2	82109.5	-3839.0	2376	9.7	82545.9	-3851.1
2197	9.4	81729.3	-3820.0	2287	10.3	82112.5	-3839.5	2377	10.3	82548.9	-3850.3
2198	10.3	81731.3	-3819.4	2288	10.3	82112.5	-3834.4	2378	10.2	82550.9	-3805.0
2199	9.6	81732.5	-3857.6	2289	9.7	82114.5	-3811.2	2379	9.2	82554.9	-3840.8
2200	9.6	81732.8	-3832.8	2290	9.4	82126.5	-3829.6	2380	9.8	82559.9	-3856.3
2201	9.8	81733.8	-3819.6	2291	10.0	82127.5	-3805.2	2381	9.8	82602.9	-3855.8
2202	10.0	81736.5	-3856.8	2292	9.6	82135.5	-3837.6	2382	9.8	82605.4	-3855.4
2203	8.0	81736.8	-3807.2	2293	10.0	82136.5	-3802.8	2383	10.2	82605.9	-3859.5
2204	10.2	81737.8	-3803.1	2294	10.2	82141.5	-3854.8	2384	10.3	82607.4	-3855.2
2205	9.6	81746.8	-3833.3	2295	8.1	82142.0	-3831.8	2385	9.0	82610.9	-3852.0
2206	10.3	81746.8	-3824.1	2296	6.6	82143.0	-3839.0	2386	10.2	82613.9	-3843.1
2207	10.3	81751.8	-3845.8	2297	10.2	82146.5	-3854.3	2387	10.3	82615.4	-3845.2
2208	10.3	81800.5	-3818.0	2298	10.3	82146.5	-3806.1	2388	9.2	82620.9	-3832.1
2209	9.4	81801.0	-3846.8	2299	9.2	82147.0	-3827.2	2389	10.3	82620.9	-3802.1
2210	10.3	81808.5	-3836.2	2300	10.2	82158.0	-3843.6	2390	10.3	82625.9	-3853.2
2211	8.4	81811.5	-3829.6	2301	10.3	82159.0	-3818.6	2391	10.2	82626.9	-3819.8
2212	10.0	81812.5	-3854.2	2302	10.3	82200.5	-3818.2	2392	9.2	82628.9	-3836.1
2213	9.4	81813.3	-3859.2	2303	9.2	82200.5	-3852.0	2393	9.7	82628.9	-3811.9
2214	9.8	81814.0	-3839.6	2304	9.6	82201.5	-3841.0	2394	7.4	82629.9	-3838.4
2215	10.2	81815.5	-3809.0	2305	10.3	82201.5	-3816.7	2395	9.0	82634.9	-3841.6
2216	10.0	81830.0	-3824.5	2306	10.3	82202.5	-3820.6	2396	9.2	82637.4	-3820.6
2217	9.8	81831.5	-3856.4	2307	10.3	82205.5	-3817.4	2397	9.8	82640.9	-3810.2
2218	10.0	81831.5	-3811.0	2308	10.3	82205.5	-3820.9	2398	9.2	82640.9	-3832.7
2219	9.2	81837.5	-3843.0	2309	10.0	82206.5	-3820.7	2399	6.8	82647.4	-3838.6
2220	9.6	81838.5	-3802.4	2310	9.8	82206.5	-3851.1	2400	9.4	82650.9	-3838.8
2221	9.7	81841.5	-3841.4	2311	9.6	82211.5	-3834.0	2401	9.4	82700.4	-3853.1
2222	10.2	81841.5	-3813.6	2312	9.8	82220.5	-3825.2	2402	9.8	82700.7	-3856.2
2223	9.8	81843.0	-3850.2	2313	9.2	82225.5	-3837.4	2403	9.0	82700.9	-3833.9
2224	9.9	81847.0	-3850.9	2314	10.0	82226.2	-3859.6	2404	10.2	82705.2	-3839.5
2225	9.4	81847.5	-3848.4	2315	9.9	82231.8	-3801.1	2405	10.2	82705.7	-3850.9
2226	10.3	81848.3	-3802.2	2316	10.2	82232.5	-3815.6	2406	9.8	82710.7	-3849.6
2227	10.2	81901.0	-3826.2	2317	9.2	82237.5	-3853.2	2407	9.2	82710.7	-3845.0
2228	8.0	81901.3	-3802.9	2318	10.2	82243.5	-3825.8	2408	10.3	82712.2	-3801.6
2229	10.2	81902.0	-3805.8	2319	9.2	82244.0	-3833.1	2409	9.7	82712.7	-3846.5
2230	10.3	81904.0	-3809.0	2320	9.6	82246.5	-3828.8	2410	10.3	82716.7	-3805.8
2231	9.7	81908.5	-3841.4	2321	10.0	82250.5	-3840.2	2411	9.4	82718.7	-3850.4
2232	10.0	81910.5	-3839.0	2322	10.0	82252.5	-3834.4	2412	9.7	82718.7	-3833.3
2233	9.9	81915.0	-3824.0	2323	10.3	82252.5	-3809.8	2413	7.8	82720.7	-3838.7
2234	9.8	81915.5	-3836.7	2324	10.3	82307.8	-3820.6	2414	9.9	82720.7	-3812.4
2235	9.9	81916.0	-3817.3	2325	10.3	82312.3	-3822.6	2415	9.9	82725.7	-3843.6
2236	9.6	81916.5	-3837.0	2326	9.8	82314.3	-3824.3	2416	10.3	82726.7	-3842.0
2237	10.3	81916.5	-3854.7	2327	9.8	82314.8	-3822.9	2417	9.7	82733.7	-3833.6
2238	10.3	81917.5	-3850.7	2328	9.4	82315.3	-3838.5	2418	9.2	82742.7	-3846.1
2239	8.7	81921.5	-3804.7	2329	10.3	82318.3	-3833.4	2419	9.2	82743.7	-3855.1
2240	10.0	81923.0	-3852.4	2330	10.3	82321.3	-3842.1	2420	9.2	82744.7	-3843.6
2241	8.9	81927.5	-3808.2	2331	10.2	82325.8	-3841.3	2421	10.0	82745.7	-3804.9
2242	9.9	81931.5	-3854.2	2332	9.4	82328.3	-3854.5	2422	9.0	82745.7	-3839.5
2243	9.9	81931.5	-3841.1	2333	10.3	82330.5	-3802.0	2423	10.2	82746.0	-3859.0
2244	9.4	81931.7	-3859.9	2334	9.8	82331.8	-3827.2	2424	10.3	82756.7	-3843.0
2245	10.2	81933.5	-3810.8	2335	9.6	82333.3	-3835.0	2425	10.0	82758.2	-3846.6
2246	9.4	81936.5	-3823.0	2336	10.2	82335.3	-3824.0	2426	9.8	82759.7	-3858.7
2247	9.6	81939.0	-3823.4	2337	10.2	82339.3	-3804.6	2427	9.7	82800.7	-3805.3
2248	10.2	81941.0	-3848.0	2338	8.3	82342.3	-3833.5	2428	10.3	82802.2	-3859.6
2249	10.2	81941.5	-3806.8	2339	9.9	82342.3	-3854.9	2429	9.0	82805.7	-3849.2
2250	10.2	81941.5	-3849.3	2340	9.9	82342.8	-3853.4	2430	10.2	82810.7	-3835.4
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2432	9.4	82817.4	-3858.9								
2433	10.2	82820.7	-3820.0								
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2439	10.3	82839.7	-3807.5								
2440	10.0	82840.7	-3838.0								
2441	9.0	82842.7	-3818.4								
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2446	9.4	82914.7	-3857.3								
2447	10.3	82916.6	-3834.3								
2448	9.8	82918.1	-3823.6								
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2450	8.6	82925.6	-3827.1								
2451	10.3	82925.6	-3843.3								
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2455	9.2	82941.1	-3817.0								
2456	9.4	82941.6	-3833.2								
2457	10.0	82944.6	-3851.0								
2458	9.6	82946.6	-3836.0								
2459	10.3	82948.1	-3851.0								
2460	10.2	82950.6	-3810.2								
2461	9.6	82952.6	-3825.7								
2462	9.2	83000.6	-3840.9								
2463	9.8	83000.6	-3802.2								
2464	9.4	83010.1	-3812.8								
2465	10.3	83011.6	-3815.1								
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2470	9.8	83024.6	-3806.0								
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2473	8.8	83038.6	-3849.4								
2474	9.2	83042.6	-3805.1								
2475	10.3	83043.1	-3832.3								
2476	9.0	83044.1	-3810.5								
2477	10.3	83045.6	-3857.2								
2478	10.3	83046.1	-3832.9								
2479	10.2	83051.6	-3854.9								
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2481	10.3	83056.6	-3802.9								
2482	10.2	83125.6	-3812.2								
2483	9.9	83129.6	-3807.4								
2484	10.3	83131.6	-3840.8								
2485	9.7	83132.6	-3820.1								
2486	7.8	83141.6	-3801.5								
2487	9.8	83143.6	-3831.2								
2488	9.8	83145.3	-3803.2								
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2491	10.3	83159.3	-3845.0								
2492	10.0	83204.8	-3851.4								
2493	10.3	83206.3	-3833.4								
2494	10.0	83208.8	-3844.9								
2495	10.2	83210.3	-3823.4								
2496	10.3	83220.3	-3813.8								
2497	10.0	83223.3	-3805.2								
2498	9.4	83224.8	-3847.5								
2499	9.6	83224.8	-3834.1								
2500	10.2	83224.8	-3859.0								
2501	9.7	83230.3	-3853.2								
2502	10.2	83236.3	-3818.8								
2503	9.7	83241.3	-3803.6								
2504	9.9	83241.8	-3822.0								
2505	10.2	83243.3	-3851.0								
2506	10.0	83244.8	-3829.2								
2507	9.0	83252.3	-3840.0								
2508	10.2	83304.1	-3858.9								
2509	9.8	83310.3	-3840.6								
2510	10.3	83313.8	-3837.4								
2511	9.8	83320.3	-3823.8								
2512	10.2	83320.3	-3840.2								
2513	10.2	83321.3	-3847.2								
2514	8.5	83321.8	-3819.2								
2515	9.2	83323.3	-3813.8								
2516	10.2	83327.3	-3829.0								
2517	10.3	83328.3	-3803.0								
2518	10.0	83329.3	-3829.0								
2519	10.0	83333.3	-3840.8								
2520	8.8	83337.5	-3858.9								

-38 2521 8h33m

-38 2880 8h54m

2521	10.3	83340.3	-3820.2	2611	9.9	83830.0	-3814.6	2701	7.3	84300.6	-3828.8	2791	8.2	84905.9	-3814.2
2522	10.0	83340.3	-3808.4	2612	9.7	83833.5	-3827.2	2702	10.0	84305.6	-3836.5	2792	10.4	84911.4	-3837.4
2523	9.2	83341.3	-3849.0	2613	8.0	83835.0	-3841.2	2703	9.8	84310.6	-3859.0	2793	9.8	84929.4	-3849.7
2524	9.6	83341.8	-3823.4	2614	8.5	83836.5	-3814.7	2704	10.0	84315.4	-3859.1	2794	9.6	84931.4	-3834.6
2525	10.2	83345.8	-3849.8	2615	7.6	83839.5	-3826.6	2705	9.2	84315.6	-3804.4	2795	10.4	84933.9	-3801.4
2526	10.0	83354.8	-3808.8	2616	9.6	83843.5	-3823.2	2706	10.0	84320.1	-3818.5	2796	10.4	84936.9	-3807.6
2527	9.8	83356.8	-3832.8	2617	10.0	83846.0	-3826.7	2707	9.1	84320.6	-3811.2	2797	10.4	84939.4	-3802.0
2528	10.3	83400.3	-3826.9	2618	9.6	83850.0	-3845.1	2708	10.4	84325.6	-3822.3	2798	8.6	84945.4	-3819.2
2529	10.3	83405.3	-3827.4	2619	9.6	83851.5	-3800.6	2709	9.8	84326.1	-3819.7	2799	9.1	84954.9	-3819.8
2530	10.0	83409.3	-3830.2	2620	10.0	83853.0	-3823.1	2710	10.2	84331.6	-3859.2	2800	10.4	85003.4	-3835.1
2531	10.2	83409.3	-3840.6	2621	9.9	83854.0	-3859.9	2711	9.4	84335.4	-3801.0	2801	9.8	85007.9	-3839.6
2532	10.3	83424.1	-3805.7	2622	8.7	83854.5	-3839.7	2712	9.6	84338.1	-3836.8	2802	9.2	85009.4	-3819.9
2533	10.0	83428.1	-3842.7	2623	9.9	83854.5	-3841.5	2713	10.2	84341.6	-3821.6	2803	10.1	85015.9	-3820.6
2534	9.8	83429.1	-3844.5	2624	10.3	83855.0	-3825.6	2714	10.0	84344.6	-3816.7	2804	10.2	85016.4	-3841.0
2535	9.7	83431.1	-3844.9	2625	9.8	83900.0	-3825.1	2715	9.8	84348.1	-3813.5	2805	10.4	85022.4	-3839.7
2536	10.3	83433.6	-3824.8	2626	9.6	83900.0	-3843.7	2716	10.0	84348.1	-3839.0	2806	10.0	85022.7	-3801.4
2537	9.6	83436.6	-3848.8	2627	10.3	83905.0	-3805.1	2717	9.4	84352.1	-3851.5	2807	8.7	85023.4	-3857.1
2538	9.8	83440.1	-3810.2	2628	10.0	83907.0	-3819.0	2718	10.0	84352.6	-3842.1	2808	10.4	85023.9	-3838.8
2539	9.7	83442.1	-3840.9	2629	9.7	83910.0	-3833.2	2719	8.0	84352.6	-3833.5	2809	10.4	85024.9	-3846.7
2540	9.7	83444.1	-3809.3	2630	10.3	83910.0	-3829.7	2720	10.0	84355.6	-3838.3	2810	10.0	85026.4	-3812.1
2541	10.2	83445.1	-3804.8	2631	9.4	83916.0	-3858.4	2721	7.2	84400.6	-3846.5	2811	10.2	85031.4	-3805.0
2542	8.8	83510.1	-3844.4	2632	8.0	83918.6	-3819.7	2722	7.5	84410.6	-3830.5	2812	10.4	85039.8	-3803.4
2543	10.3	83510.6	-3848.0	2633	9.9	83918.6	-3805.1	2723	9.2	84411.6	-3816.8	2813	9.8	85040.8	-3818.0
2544	9.4	83521.1	-3800.7	2634	10.3	83921.0	-3842.6	2724	7.5	84420.4	-3857.3	2814	10.4	85041.3	-3839.3
2545	9.8	83531.1	-3832.6	2635	8.9	83921.5	-3837.5	2725	9.6	84422.6	-3803.1	2815	9.7	85043.3	-3842.6
2546	10.0	83533.1	-3801.9	2636	9.8	83925.0	-3805.5	2726	9.2	84422.6	-3835.2	2816	10.4	85043.3	-3818.9
2547	10.3	83533.1	-3804.6	2637	9.8	83926.0	-3849.0	2727	9.4	84438.1	-3812.0	2817	10.0	85050.3	-3827.6
2548	10.3	83539.6	-3854.2	2638	9.2	83931.0	-3815.3	2728	8.0	84442.6	-3823.9	2818	9.8	85051.3	-3805.8
2549	9.8	83541.1	-3836.8	2639	9.7	83937.6	-3815.9	2729	9.8	84449.1	-3806.1	2819	10.0	85058.3	-3809.0
2550	10.3	83551.1	-3815.2	2640	10.3	83940.0	-3806.4	2730	10.4	84456.1	-3848.1	2820	9.6	85102.9	-3858.1
2551	8.8	83554.1	-3819.6	2641	10.3	83941.0	-3854.5	2731	10.4	84456.5	-3808.1	2821	8.9	85103.3	-3832.2
2552	10.3	83554.9	-3857.6	2642	10.2	83944.5	-3823.4	2732	10.0	84456.6	-3805.3	2822	9.7	85103.8	-3845.0
2553	10.3	83600.1	-3812.0	2643	10.2	83945.0	-3809.8	2733	10.1	84458.6	-3800.9	2823	10.0	85116.3	-3852.1
2554	9.8	83600.6	-3853.4	2644	10.2	83952.0	-3853.3	2734	10.0	84501.6	-3820.3	2824	10.4	85119.8	-3821.4
2555	10.2	83605.6	-3857.1	2645	9.8	83955.0	-3853.3	2735	10.4	84501.6	-3811.3	2825	10.4	85122.3	-3854.1
2556	9.8	83607.1	-3851.1	2646	9.9	83955.0	-3829.3	2736	10.0	84505.6	-3842.0	2826	8.2	85136.3	-3836.7
2557	9.0	83620.1	-3838.4	2647	9.6	84006.1	-3836.9	2737	9.4	84506.6	-3832.1	2827	9.8	85136.3	-3834.0
2558	10.3	83622.1	-3850.0	2648	10.3	84006.5	-3818.8	2738	7.2	84510.1	-3840.7	2828	8.5	85139.3	-3848.2
2559	8.4	83626.1	-3847.6	2649	9.8	84014.3	-3857.0	2739	10.4	84513.1	-3824.7	2829	9.7	85143.3	-3842.6
2560	10.2	83627.1	-3831.5	2650	9.8	84014.5	-3816.9	2740	10.4	84533.6	-3816.0	2830	10.4	85150.3	-3836.6
2561	10.2	83633.6	-3828.0	2651	10.0	84018.8	-3803.9	2741	10.1	84538.1	-3830.5	2831	10.1	85154.3	-3801.0
2562	10.2	83634.1	-3858.2	2652	10.4	84020.2	-3804.5	2742	10.4	84545.5	-3825.0	2832	10.4	85156.3	-3807.8
2563	9.8	83635.1	-3846.0	2653	9.8	84021.7	-3838.5	2743	10.4	84546.0	-3852.0	2833	9.8	85158.3	-3843.8
2564	9.9	83636.6	-3811.6	2654	10.4	84030.7	-3806.0	2744	10.1	84552.0	-3846.9	2834	10.0	85200.3	-3804.3
2565	9.4	83645.6	-3821.0	2655	10.0	84038.2	-3842.1	2745	10.4	84602.5	-3831.6	2835	9.6	85201.3	-3807.0
2566	10.2	83645.6	-3801.8	2656	10.1	84045.7	-3853.7	2746	9.4	84605.5	-3803.5	2836	10.0	85201.3	-3852.8
2567	9.8	83651.1	-3811.8	2657	10.4	84051.7	-3844.4	2747	10.4	84605.8	-3801.8	2837	10.4	85205.3	-3830.1
2568	9.0	83652.1	-3816.4	2658	9.8	84052.7	-3845.8	2748	9.8	84609.5	-3829.6	2838	9.8	85211.3	-3811.2
2569	9.4	83655.1	-3848.2	2659	9.3	84055.7	-3838.0	2749	10.4	84610.5	-3830.4	2839	9.8	85214.8	-3814.0
2570	9.2	83656.1	-3815.4	2660	9.6	84101.2	-3834.1	2750	9.7	84611.5	-3834.8	2840	10.4	85216.3	-3800.6
2571	9.2	83657.0	-3826.2	2661	8.4	84109.2	-3856.6	2751	7.3	846 8.5	-3809.8	2841	10.4	85216.3	-3825.3
2572	9.6	83658.0	-3844.3	2662	10.4	84111.2	-3805.3	2752	10.0	846 3.0	-3812.1	2842	10.4	85217.8	-3805.6
2573	10.3	83659.9	-3847.9	2663	9.7	84112.6	-3836.4	2753	9.7	8466 4.5	-3813.8	2843	9.8	85219.3	-3847.0
2574	10.3	83700.0	-3808.9	2664	9.7	84113.1	-3829.1	2754	10.4	8466 2.5	-3854.0	2844	10.0	85221.3	-3838.7
2575	9.8	83705.0	-3856.6	2665	10.4	84120.6	-3856.6	2755	9.6	84642.5	-3836.1	2845	9.1	85221.3	-3855.5
2576	9.8	83705.0	-3841.9	2666	10.0	84125.6	-3834.1	2756	9.7	84643.0	-3800.9	2846	10.2	85224.3	-3840.7
2577	9.7	83706.0	-3841.3	2667	9.2	84126.6	-3808.7	2757	10.4	84650.5	-3855.2	2847	9.6	85225.3	-3845.7
2578	9.8	83709.0	-3826.2	2668	10.2	84129.6	-3829.6	2758	10.2	84653.5	-3841.0	2848	10.0	85236.3	-3844.6
2579	9.7	83711.0	-3815.9	2669	9.8	84132.6	-3827.0	2759	9.6	84700.5	-3828.2	2849	9.6	85236.3	-3824.7
2580	9.9	83711.0	-3816.1	2670	7.9	84139.6	-3823.6	2760	9.4	84707.0	-3851.8	2850	10.1	85238.3	-3804.8
2581	9.4	83714.0	-3848.6	2671	9.4	84139.6	-3822.1	2761	9.6	84707.4	-3802.6	2851	9.6	85240.3	-3847.5
2582	10.3	83715.5	-3824.7	2672	9.7	84140.6	-3827.1	2762	10.4	84711.5	-3827.6	2852	9.6	85246.3	-3807.0
2583	9.6	83720.0	-3857.1	2673	10.1	84149.6	-3812.4	2763	10.4	84714.5	-3838.8	2853	7.6	85255.3	-3815.6
2584	10.3	83720.0	-3834.6	2674	9.8	84150.1	-3813.5	2764	9.1	84716.0	-3814.2	2854	10.4	85303.8	-3856.4
2585	10.0	83725.0	-3838.0	2675	9.7	84151.6	-3854.4	2765	10.4	84721.0	-3812.6	2855	9.4	85305.3	-3805.7
2586	9.7	83726.0	-3839.1	2676	9.8	84152.1	-3828.3	2766	9.6	84721.5	-3824.4	2856	9.7	85305.6	-3857.9
2587	10.0	83726.5	-3824.0	2677	10.1	84155.6	-3832.4	2767	10.4	84728.5	-3817.4	2857	10.0	85309.8	-3857.2
2588	10.0	83727.5	-3816.7	2678	9.8	84156.6	-3818.2	2768	10.4	84729.5	-3812.5	2858	9.8	85310.3	-3821.1
2589	10.2	83734.5	-3835.6	2679	10.4	84158.6	-3836.8	2769	10.0	84731.0	-3828.9	2859	10.4	85317.8	-3823.1
2590	9.8	83735.0	-3852.2	2680	9.6	84158.6	-3839.9	2770	10.4	84735.5	-3833.2	2860	10.4	85319.8	-3823.4
2591	10.3	83740.0	-3832.2	2681	9.4	84200.6	-3811.1	2771	10.4	84747.0	-3808.8	2861	9.6	85320.3	-3814.6
2592	10.2	83742.0	-3823.3	2682	10.0	84201.6	-3831.9	2772	9.2	84751.5	-3805 .8	2862	9.7	85324.3	-3849.5
2593	10.3	83745.5	-3815.4	2683	10.4	84208.1	-3843.4	2773	9.1	84801.5	-3817.2	2863	9.6	85341.3	-3813.8
2594	10.3	83750.0	-3836.8	2684	10.4	84210.6	-3819.3	2774	7.4	84801.5	-3819.2	2864	9.4	85345.8	-3850.4
2595	9.4	83754.0	-3859.7	2685	9.6	84212.1	-3839.3	2775	9.3	84805.0	-3848.6	2865	10.4	85351.3	-3840.4
2596	10.3	83754.0	-3829.9	2686	10.1	84213.1	-3850.2	2776	10.4	84807.0	-3832.4	2866	10.4	85352.0	-3857.8
2597	10.2	83755.5	-3827.6	2687	10.0	84215.1	-3818.9	2777	9.8	84819.0	-3801.8	2867	10.2	85355.3	-3854.3
2598	8.5	83755.5	-3857.2	2688	9.6	84216.1	-3818.1	2778	9.6	84820.5	-3807.1	2868	9.3	85356.3	-3838.9
2599	9.0	83802.0	-3851.1	2689	9.7	84216.1	-3811.8	2779	9.8	84828.4	-3813.8	2869	10.2	85359.3	-3806.0
2600	10.3	83803.0	-3853.5	2690	9.7	84220.6	-3841.7	2780	10.4	84831.4	-3807.9	2870	10.1	85400.3	-3851.2
2601	10.2	83805.0	-3828.7	2691	9.7	84222.1	-3852.9	2781	9.6	84835.4	-3853.8	2871	9.8	85416.3	-3847.9
2602	9.9	83805.0	-3808.3	2692	9.2	84240.6	-3814.9	2782	10.4	84837.4	-3820.5	2872	10.4	85422.8	-3826.8
2603	10.3	83809.9	-3803.3	2693	10.4	84251.2	-3858.4	2783	10.4	84838.4	-3836.3	2873	10.4	85426.3	-3819.2
2604	10.3	83811.0	-3820.3	2694	10.4	84251.6	-3847.8	2784	10.4	84844.4	-3836.3	2874	9.7	85430.0	-3858.8
2605	9.7	83811.5	-3803.7	2695	10.0	84252.6	-3803.7	2785	10.0	84846.4	-3830.9	2875	10.4	85431.3	-3807.8
2606	9.8	83813.0	-3849.0	2696	10.2	84255.6	-3855.5	2786	10.0	84850.1	-3858.4	2876	10.0	85435.8	-3824.0
2607	9.6	83815.0	-3802.7	2697	7.1	84257.1	-3832.0	2787	9.2	84850.9	-3853.6	2877	10.4	85440.3	-3830.2
2608	10.3	83819.9	-3823.0	2698	9.3	84259.6	-3839.4	2788	8.9	84853.9	-3857.0	2878	10.4	85446.3	-3817.4
2609	10.3	83823.5	-3821.1	2699	10.4	84259.6	-3806.6	2789	8.4	84904.4	-3805.8	2879	8.6	85449.8	-3844.0
2610	10.3	83829.0	-3856.8	2700	8.5	84300.1	-3847.6	2790	10.2	84905.4	-3804.7	2880	10.1	85453.3	-3817.7

2881	10.4	85455.3	-3813.6	2971	9.2	90104.5	-3804.0	3061	9.6	90604.5	-3823.0
2882	9.8	85455.8	-3828.2	2972	8.5	90114.5	-3823.1	3062	10.0	90608.0	-3820.8
2883	9.8	85455.8	-3810.3	2973	9.6	90121.5	-3838.4	3063	9.4	90609.0	-3829.7
2884	9.8	85456.3	-3847.8	2974	10.4	90124.0	-3816.0	3064	10.5	90610.7	-3849.9
2885	9.1	85501.3	-3805.6	2975	10.4	90129.5	-3828.1	3065	9.9	90611.7	-3845.9
2886	9.7	85515.3	-3833.4	2976	10.4	90133.6	-3850.0	3066	10.2	90613.7	-3841.3
2887	10.4	85534.8	-3822.1	2977	10.4	90143.0	-3830.6	3067	10.5	90620.2	-3836.0
2888	8.8	85537.5	-3859.1	2978	9.7	90144.5	-3836.9	3068	10.5	90624.7	-3837.1
2889	10.4	85539.8	-3810.0	2979	9.7	90145.5	-3853.1	3069	10.2	90625.2	-3819.9
2890	10.4	85554.8	-3834.6	2980	8.3	90150.5	-3803.3	3070	10.5	90628.7	-3806.0
2891	10.1	85557.8	-3825.6	2981	9.2	90150.5	-3832.1	3071	10.5	90630.0	-3823.8
2892	10.0	85601.8	-3848.0	2982	10.0	90150.5	-3834.5	3072	10.4	90630.9	-3839.1
2893	9.7	85605.3	-3823.8	2983	10.4	90152.6	-3840.3	3073	9.8	90633.6	-3808.4
2894	10.2	85615.8	-3848.2	2984	10.4	90153.5	-3808.8	3074	9.8	90634.4	-3800.2
2895	9.2	85616.3	-3836.7	2985	9.4	90154.5	-3806.8	3075	8.8	90640.4	-3857.0
2896	8.4	85620.8	-3825.7	2986	9.2	90157.5	-3852.5	3076	10.4	90641.7	-3814.8
2897	10.4	85623.3	-3851.1	2987	10.2	90159.5	-3830.6	3077	10.2	90643.7	-3815.0
2898	10.4	85623.8	-3825.5	2988	9.6	90210.5	-3824.6	3078	10.5	90644.4	-3837.5
2899	10.4	85634.8	-3820.8	2989	10.4	90213.0	-3817.0	3079	6.7	90649.2	-3844.7
2900	9.3	85638.3	-3825.5	2990	8.8	90215.5	-3859.9	3080	10.0	90657.6	-3838.8
2901	10.4	85645.8	-3830.6	2991	10.4	90219.5	-3852.5	3081	10.4	90658.7	-3818.2
2902	10.4	85649.8	-3825.3	2992	8.2	90225.5	-3818.8	3082	9.2	90702.1	-3804.8
2903	10.2	85654.8	-3811.1	2993	10.0	90231.5	-3834.3	3083	10.5	90703.7	-3846.9
2904	9.7	85656.8	-3828.0	2994	9.8	90237.5	-3833.5	3084	9.9	90705.2	-3822.2
2905	10.4	85701.8	-3857.7	2995	10.2	90245.5	-3812.4	3085	10.4	90715.2	-3848.5
2906	9.7	85704.3	-3804.5	2996	9.8	90253.0	-3801.8	3086	9.9	90715.2	-3841.7
2907	8.4	85709.3	-3820.7	2997	10.4	90254.5	-3847.8	3087	10.5	90716.7	-3825.9
2908	10.4	85711.4	-3858.8	2998	10.0	90255.5	-3826.4	3088	8.4	90718.7	-3835.1
2909	9.1	85711.5	-3857.7	2999	9.8	90304.5	-3826.1	3089	10.0	90724.2	-3841.3
2910	7.7	85719.8	-3854.7	3000	9.8	90305.5	-3844.9	3090	10.4	90730.2	-3846.6
2911	10.4	85720.3	-3818.8	3001	9.7	90307.5	-3832.3	3091	10.0	90730.2	-3826.4
2912	10.4	85724.8	-3813.8	3002	9.7	90309.5	-3858.3	3092	9.0	90736.2	-3825.7
2913	9.7	85727.8	-3840.9	3003	10.4	90311.5	-3815.6	3093	10.5	90748.9	-3800.4
2914	10.4	85729.8	-3810.8	3004	9.7	90316.7	-3850.9	3094	10.2	90758.1	-3800.8
2915	9.4	85747.5	-3800.0	3005	10.1	90320.2	-3838.1	3095	10.5	90801.2	-3854.8
2916	9.4	85750.8	-3807.0	3006	10.4	90328.2	-3808.8	3096	10.0	90812.7	-3819.7
2917	9.4	85751.8	-3842.3	3007	8.1	90338.2	-3822.3	3097	10.5	90814.7	-3826.8
2918	9.2	85800.8	-3858.1	3008	10.4	90338.2	-3826.1	3098	10.2	90825.7	-3806.6
2919	10.4	85803.8	-3803.6	3009	9.3	90340.2	-3806.8	3099	9.8	90828.7	-3817.9
2920	10.4	85810.8	-3854.7	3010	9.8	90343.2	-3813.3	3100	9.9	90828.7	-3840.0
2921	9.7	85814.3	-3831.4	3011	7.7	90344.2	-3816.7	3101	10.0	90830.2	-3848.0
2922	10.2	85814.8	-3853.0	3012	9.8	90344.2	-3812.9	3102	7.0	90830.7	-3806.0
2923	10.4	85818.3	-3810.9	3013	10.0	90344.7	-3848.2	3103	10.0	90839.2	-3827.2
2924	8.8	85818.8	-3806.9	3014	10.0	90346.5	-3857.0	3104	9.7	90840.2	-3858.5
2925	8.5	85821.3	-3809.1	3015	10.0	90348.7	-3843.7	3105	9.4	90840.6	-3802.4
2926	9.8	85822.3	-3827.7	3016	10.0	90353.2	-3817.8	3106	10.5	90842.2	-3846.2
2927	10.4	85830.2	-3853.0	3017	10.2	90357.7	-3840.6	3107	10.5	90845.2	-3855.8
2928	9.6	85831.7	-3826.8	3018	9.8	90400.2	-3808.9	3108	10.5	90845.2	-3816.1
2929	9.4	85834.7	-3847.6	3019	10.0	90404.2	-3822.0	3109	9.9	90850.2	-3831.0
2930	10.4	85846.2	-3810.9	3021	8.7	90405.6	-3802.7	3110	10.2	90851.7	-3818.0
2931	10.0	85847.7	-3803.4	3021	10.4	90408.7	-3858.8	3111	10.5	90855.2	-3840.6
2932	10.4	85849.7	-3813.0	3022	9.6	90417.2	-3829.4	3112	10.0	90900.2	-3852.9
2933	9.2	85849.7	-3858.6	3023	10.4	90419.2	-3808.4	3113	10.2	90900.7	-3809.8
2934	8.9	85849.7	-3832.2	3024	10.2	90422.7	-3846.5	3114	10.4	90901.7	-3822.7
2935	10.4	85852.2	-3804.5	3025	10.4	90427.7	-3851.6	3115	10.5	90903.7	-3840.0
2936	10.2	85854.7	-3821.4	3026	10.4	90428.7	-3844.6	3116	10.2	90910.7	-3849.7
2937	9.8	85856.7	-3808.3	3027	10.4	90430.7	-3808.8	3117	10.5	90915.2	-3808.0
2938	8.7	85859.7	-3818.0	3028	9.8	90437.7	-3827.4	3118	10.5	90919.2	-3835.5
2939	9.8	85901.7	-3813.6	3029	10.1	90438.2	-3823.7	3119	10.5	90919.7	-3845.2
2940	10.4	85902.7	-3849.0	3030	10.2	90439.0	-3812.9	3120	10.0	90920.2	-3812.6
2941	9.4	85905.7	-3804.0	3031	10.4	90439.2	-3831.4	3121	10.5	90920.7	-3830.4
2942	9.6	85908.7	-3824.4	3032	9.8	90439.5	-3857.8	3122	8.0	90925.4	-3800.7
2943	9.3	85908.7	-3848.4	3033	10.4	90439.7	-3823.2	3123	9.8	90932.2	-3842.6
2944	9.6	85908.7	-3830.5	3034	10.4	90449.2	-3849.1	3124	10.4	90932.7	-3844.0
2945	9.3	85912.7	-3852.0	3035	10.0	90449.2	-3812.8	3125	9.4	90933.7	-3821.8
2946	8.3	85920.7	-3821.3	3036	10.4	90451.2	-3849.6	3126	10.0	90936.7	-3830.3
2947	9.6	85929.7	-3808.0	3037	10.0	90454.2	-3842.4	3127	10.5	90942.3	-3819.1
2948	9.4	85930.7	-3830.8	3038	9.3	90500.2	-3840.4	3128	10.0	90945.2	-3809.0
2949	10.0	85940.7	-3808.9	3039	10.2	90500.2	-3853.4	3129	10.2	90949.2	-3837.8
2950	9.7	85943.2	-3840.1	3040	10.4	90504.2	-3835.7	3130	9.4	90949.7	-3821.7
2951	10.1	85944.7	-3859.7	3041	9.8	90509.2	-3834.4	3131	9.5	91001.2	-3850.9
2952	10.4	85945.2	-3806.6	3042	9.8	90510.2	-3836.3	3132	10.4	91019.4	-3823.6
2953	10.4	85950.7	-3823.8	3043	9.7	90513.2	-3815.5	3133	10.4	91024.4	-3814.3
2954	9.6	85954.2	-3831.1	3044	10.0	90513.2	-3804.1	3134	10.4	91024.4	-3801.4
2955	10.4	85954.7	-3823.6	3045	10.2	90517.0	-3839.9	3135	10.0	91026.9	-3840.9
2956	10.4	90000.7	-3827.4	3046	8.3	90517.7	-3814.4	3136	9.9	91030.4	-3858.5
2957	10.4	90004.6	-3822.5	3047	10.4	90521.0	-3843.0	3137	10.5	91032.4	-3831.0
2958	10.0	90007.2	-3800.0	3048	9.7	90524.0	-3845.2	3138	10.5	91035.4	-3817.2
2959	9.6	90019.2	-3852.1	3049	10.4	90525.0	-3856.9	3139	9.8	91038.4	-3815.3
2960	9.6	90024.7	-3835.7	3050	9.3	90528.0	-3845.3	3140	10.0	91038.9	-3832.1
2961	9.6	90029.7	-3806.0	3051	10.4	90530.0	-3829.9	3141	10.5	91039.9	-3851.3
2962	10.1	90033.7	-3850.8	3052	9.6	90533.5	-3834.6	3142	10.5	91040.3	-3812.0
2963	9.7	90033.9	-3801.9	3053	10.1	90536.5	-3827.6	3143	10.5	91040.3	-3823.8
2964	10.0	90038.7	-3819.5	3054	10.0	90549.0	-3819.4	3144	6.8	91041.0	-3803.0
2965	9.8	90039.7	-3809.6	3055	10.4	90549.0	-3812.3	3145	10.5	91041.4	-3852.4
2966	10.2	90044.2	-3808.0	3056	9.2	90550.0	-3852.7	3146	9.2	91043.9	-3844.4
2967	9.8	90053.0	-3808.2	3057	10.0	90556.8	-3856.6	3147	8.8	91045.4	-3846.3
2968	9.6	90053.5	-3849.2	3058	9.2	90558.0	-3806.1	3148	10.0	91047.9	-3833.3
2969	9.1	90057.0	-3808.9	3059	10.0	90559.3	-3802.2	3149	9.8	91048.4	-3814.6
2970	10.0	90059.7	-3856.7	3060	10.4	90604.0	-3815.0	3150	10.5	91048.9	-3817.5
3151	10.5	91050.3	-3817.0								
3152	9.8	91107.9	-3819.9								
3153	10.5	91108.4	-3840.3								
3154	10.5	91119.9	-3807.8								
3155	10.2	91120.4	-3827.6								
3156	9.0	91121.9	-3815.1								
3157	10.5	91124.3	-3809.1								
3158	9.4	91131.4	-3808.3								
3159	10.0	91133.9	-3823.9								
3160	10.0	91136.9	-3819.0								
3161	10.5	91150.4	-3829.3								
3162	10.4	91151.4	-3829.9								
3163	9.8	91159.4	-3829.9								
3164	10.4	91200.4	-3810.2								
3165	10.4	91201.3	-3821.0								
3166	7.4	91202.9	-3852.8								
3167	10.5	91206.4	-3831.3								
3168	10.5	91209.4	-3801.0								
3169	9.3	91210.9	-3805.6								
3170	10.5	91211.3	-3813.2								
3171	9.4	91212.4	-3806.8								
3172	10.5	91212.9	-3849.9								
3173	10.4	91213.9	-3831.2								
3174	10.5	91216.9	-3825.5								
3175	9.3	91218.4	-3817.4								
3176	10.0	91218.9	-3803.1								
3177	10.4	91219.9	-3838.0								
3178	10.0	91221.4	-3842.0								
3179	9.0	91221.9	-3801.3								
3180	10.4	91225.4	-3833.4								
3181	9.6	91225.4	-3813.6								
3182	9.8	91228.4	-3856.0								
3183	9.4	91233.4	-3805.3								
3184	10.5	91236.4	-3829.7								
3185	10.5	91236.4	-3827.2								
3186	9.9	91237.9	-3830.5								
3187	9.5	91245.4	-3808.5								
3188	9.3	91246.4	-3848.3								
3189	9.8	91248.9	-3824.1								
3190	8.6	91250.4	-3807.8								
3191	10.2	91254.7	-3800.5								
3192	10.4	91255.4	-3819.3								
3193	9.6	91256.4	-3855.4								
3194	10.5	91259.9	-3833.3								
3195	10.0	91300.4	-3853.7								
3196	10.0	91302.4	-3853.6								
3197	9.8	91324.4	-3801.7								
3198	10.5	91328.4	-3838.1								
3199	7.4	91336.4	-3831.1								
3200	10.5	91340.9	-3858.4								
3201	9.8	91344.9	-3804.9								
3202	10.5	91347.4	-3843.3								
3203	9.9	91348.4	-3849.4								
3204	10.5	91350.4	-3803.6								
3205	10.5	91353.9	-3834.1								
3206	10.2	91356.4	-3803.5								
3207	8.3	91358.4	-3854.5								
3208	10.5	91400.4	-3800.2								
3209	10.4	91405.4	-3836.3								
3210	10.0	91418.4	-3819.8								
3211	8.2	91421.4	-3820.3								
3212	9.7	91432.4	-3802.2								
3213	9.8	91432.4	-3845.4								
3214	10.4	91434.9	-3837.5								
3215	9.2	91446.4	-3831.2								
3216	10.4	91451.4	-3819.0								
3217	9.8	91456.4	-3806.9								
3218	9.4	91502.4	-3857.1								
3219	10.0	91504.4	-3829.3								
3220	10.5	91505.4	-3834.2								
3221	10.2	91508.9	-3827.7								
3222	10.5	91512.3	-3827.2								
3223	10.5	91512.9	-3847.5								
3224	10.5	91514.4	-3819.8								
3225	10.5	91516.4	-3852.0								
3226	9.8	91517.9	-3855.7								
3227	10.0	91519.5	-3800.1								
3228	10.5	91525.4	-3800.5								
3229	10.5	91530.4	-3813.0								
3230	10.5	91533.4	-3844.3								
3231	10.5	91536.4	-3850.6								
3232	10.5	91538.4	-3845.3								
3233	10.5	91541.4	-3802.2								
3234	10.5	91546.9	-3811.1								
3235	10.0	91549.4	-3827.0								
3236	10.2	91549.4	-3849.7								
3237	10.4	91554.9	-3805.4								
3238	9.2	91556.4	-3812.6								
3239	10.5	91601.4	-3840.0								
3240	9.0	91612.4	-3814.8								

-38 3241 9h16m

-38 3600 9h39m

3241	10.2	91622.9	-3802.6	3331	10.5	92141.4	-3819.0	3421	10.5	92649.5	-3810.3
3242	10.5	91624.9	-3821.6	3332	9.7	92146.4	-3819.1	3422	9.0	92652.0	-3849.1
3243	10.2	91630.9	-3817.0	3333	10.5	92146.9	-3805.1	3423	10.4	92653.0	-3818.8
3244	10.4	91639.4	-3847.2	3334	10.5	92149.5	-3833.3	3424	7.6	92659.0	-3823.1
3245	10.5	91640.9	-3824.7	3335	10.5	92152.9	-3853.3	3425	10.4	92700.0	-3828.9
3246	9.9	91642.9	-3820.1	3336	10.0	92155.4	-3842.9	3426	10.4	92701.5	-3843.3
3247	10.4	91643.4	-3802.0	3337	10.4	92203.4	-3840.8	3427	9.5	92705.0	-3853.5
3248	10.4	91643.9	-3856.9	3338	10.4	92209.4	-3831.9	3428	10.2	92706.0	-3855.7
3249	10.5	91650.9	-3852.7	3339	10.5	92225.9	-3825.9	3429	10.5	92711.0	-3807.9
3250	10.5	91651.9	-3837.0	3340	10.4	92227.4	-3808.4	3430	10.5	92714.0	-3824.7
3251	10.5	91654.4	-3854.0	3341	10.5	92230.4	-3820.2	3431	10.5	92716.5	-3843.9
3252	10.4	91654.4	-3840.0	3342	9.7	92234.4	-3819.1	3432	10.0	92719.0	-3803.6
3253	10.5	91659.4	-3816.3	3343	10.5	92238.9	-3821.1	3433	10.4	92723.0	-3811.3
3254	8.8	91700.4	-3854.2	3344	10.5	92239.6	-3801.4	3434	10.5	92730.5	-3806.4
3255	10.0	91701.4	-3835.0	3345	10.5	92241.4	-3843.3	3435	10.5	92740.0	-3830.2
3256	10.2	91705.9	-3834.9	3346	9.2	92242.4	-3854.8	3436	10.5	92751.0	-3804.5
3257	9.4	91711.4	-3826.0	3347	10.5	92242.4	-3857.1	3437	9.0	92803.5	-3835.4
3258	10.5	91715.4	-3829.4	3348	10.2	92245.4	-3811.8	3438	7.7	92805.0	-3834.6
3259	10.5	91716.9	-3811.4	3349	9.8	92250.4	-3822.2	3439	10.4	92808.5	-3855.2
3260	10.5	91719.9	-3809.0	3350	10.0	92255.9	-3841.8	3440	10.5	92810.0	-3824.7
3261	10.5	91720.4	-3814.0	3351	10.2	92255.9	-3836.4	3441	10.5	92814.0	-3831.5
3262	9.5	91721.9	-3843.1	3352	10.4	92258.9	-3825.2	3442	7.8	92815.0	-3805.1
3263	8.5	91724.4	-3850.9	3353	10.5	92303.4	-3810.5	3443	9.7	92815.0	-3805.8
3264	10.4	91726.4	-3838.7	3354	10.0	92305.4	-3842.1	3444	8.8	92825.0	-3848.8
3265	10.4	91726.9	-3852.2	3355	10.4	92305.9	-3819.3	3445	10.0	92834.0	-3818.2
3266	10.5	91729.7	-3859.5	3356	9.3	92308.4	-3841.5	3446	10.2	92837.0	-3806.0
3267	9.9	91730.4	-3850.1	3357	10.4	92309.4	-3852.9	3447	10.2	92839.0	-3811.6
3268	8.4	91732.9	-3847.0	3358	10.5	92312.4	-3825.6	3448	10.5	92840.0	-3825.6
3269	10.5	91734.9	-3817.9	3359	10.0	92314.4	-3818.6	3449	10.5	92842.0	-3825.1
3270	9.3	91736.4	-3828.4	3360	10.5	92321.4	-3832.1	3450	9.8	92858.0	-3804.8
3271	9.7	91736.4	-3819.8	3361	9.4	92325.4	-3824.1	3451	10.0	92858.0	-3835.1
3272	10.5	91746.9	-3801.0	3362	10.2	92327.9	-3844.3	3452	10.2	92902.0	-3806.8
3273	10.2	91802.4	-3809.2	3363	10.5	92329.4	-3812.1	3453	10.5	92905.0	-3839.8
3274	10.4	91804.4	-3853.5	3364	10.5	92331.4	-3849.0	3454	9.4	92907.0	-3807.8
3275	10.2	91805.4	-3828.4	3365	10.5	92339.9	-3848.4	3455	9.4	92909.0	-3830.1
3276	10.0	91811.4	-3816.9	3366	10.2	92340.4	-3841.9	3456	10.5	92909.0	-3844.5
3277	10.2	91814.4	-3817.8	3367	10.5	92340.4	-3839.1	3457	10.0	92915.5	-3832.2
3278	9.2	91818.4	-3812.7	3368	10.2	92345.4	-3832.5	3458	8.8	92921.0	-3849.8
3279	10.0	91829.4	-3827.5	3369	8.8	92345.4	-3835.6	3459	9.8	92923.7	-3859.4
3280	8.4	91834.9	-3802.5	3370	9.8	92347.9	-3837.9	3460	10.5	92925.0	-3821.4
3281	10.5	91839.4	-3832.9	3371	10.4	92354.4	-3829.2	3461	8.2	92928.0	-3852.5
3282	10.4	91841.4	-3813.5	3372	9.8	92354.4	-3821.3	3462	10.5	92928.5	-3829.1
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-38 3601 9h39m

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3782 10.3	95341.5	-3855.0	
3783 10.3	95352.5	-3855.4	
3784 9.9	95354.0	-3837.2	
3785 10.0	95358.0	-3859.8	
3786 10.0	95358.5	-3828.3	
3787 9.9	95402.5	-3812.0	
3788 10.0	95421.0	-3809.0	
3789 10.2	95427.0	-3814.9	
3790 10.3	95431.5	-3841.0	
3791 10.3	95435.0	-3810.2	
3792 9.7	95440.0	-3857.2	
3793 10.3	95449.0	-3849.0	
3794 10.0	95449.0	-3803.2	
3795 10.0	95451.0	-3840.0	
3796 9.8	95458.5	-3845.0	
3797 10.2	95503.5	-3812.0	
3798 10.3	95511.0	-3814.1	
3799 9.9	95511.0	-3833.8	
3800 10.3	95514.5	-3857.8	
3801 9.9	95516.5	-3851.8	
3802 10.2	95518.5	-3806.8	
3803 9.9	95519.0	-3835.2	
3804 10.2	95521.0	-3819.0	
3805 10.3	95524.3	-3808.0	
3806 10.0	95531.3	-3827.5	
3807 9.7	95531.6	-3802.6	
3808 9.4	95539.8	-3800.7	
3809 9.8	95544.3	-3844.8	
3810 9.6	95552.3	-3838.0	
3811 9.4	95552.3	-3856.9	
3812 8.6	95553.3	-3847.0	
3813 8.0	95559.8	-3851.2	
3814 10.3	95605.8	-3834.2	
3815 10.3	95609.8	-3801.0	
3816 10.3	95614.8	-3824.8	
3817 10.3	95618.3	-3840.9	
3818 9.9	95622.3	-3835.6	
3819 9.9	95623.8	-3835.6	
3820 8.4	95634.3	-3819.2	
3821 10.3	95636.8	-3814.5	
3822 9.9	95644.8	-3847.6	
3823 8.9	95644.8	-3805.2	
3824 9.9	95647.3	-3815.6	
3825 10.2	95651.3	-3830.8	
3826 10.0	95652.3	-3859.9	
3827 10.3	95653.3	-3802.9	
3828 9.8	95654.3	-3816.4	
3829 9.4	95702.8	-3833.3	
3830 9.8	95703.0	-3859.2	
3831 10.2	95704.8	-3832.3	
3832 10.2	95712.8	-3856.1	
3833 10.0	95728.8	-3819.4	
3834 10.0	95730.8	-3815.0	
3835 10.3	95731.8	-3843.3	
3836 9.4	95739.8	-3848.2	
3837 9.9	95739.8	-3808.6	
3838 8.1	95749.8	-3849.3	
3839 9.4	95754.5	-3846.2	
3840 9.6	95759.0	-3814.4	
3841 10.2	95759.5	-3854.8	
3842 10.0	95803.0	-3846.7	
3843 9.8	95804.5	-3803.6	
3844 10.3	95808.5	-3819.2	
3845 8.1	95823.5	-3840.6	
3846 9.2	95833.0	-3858.7	
3847 9.9	95843.5	-3852.0	
3848 9.8	95850.5	-3852.2	
3849 8.3	95856.5	-3856.1	
3850 10.3	95858.5	-3830.9	
3851 10.3	95900.0	-3857.6	
3852 10.0	95903.9	-3801.4	
3853 9.2	95905.7	-3839.5	
3854 10.2	95915.1	-3826.4	
3855 9.1	95918.2	-3842.9	
3856 9.8	95930.0	-3811.8	
3857 10.0	95932.2	-3855.6	
3858 9.8	95934.2	-3839.7	
3859 10.2	95937.0	-3854.7	
3860 9.2	95938.5	-3830.7	
3861 9.8	95945.7	-3818.8	
3862 10.2	95954.2	-3821.9	
3863 10.2	95954.5	-3835.9	
3864 10.0	100000.0	-3831.1	
3865 10.2	100000.0	-3800.8	
3866 10.0	100001.0	-3836.0	
3867 10.3	100003.0	-3835.8	
3868 10.2	100012.1	-3818.2	
3869 10.6	100019.1	-3808.8	
3870 10.2	100027.1	-3858.2	

-38 3960 10h07m

3871 9.9	100027.9	-3810.5	
3872 10.6	100029.6	-3844.2	
3873 10.6	100030.3	-3803.4	
3874 10.6	100040.2	-3831.0	
3875 9.5	100041.3	-3819.6	
3876 9.7	100043.8	-3806.3	
3877 10.6	100047.9	-3859.2	
3878 10.6	100054.3	-3859.5	
3879 10.0	100059.8	-3804.6	
3880 10.4	100100.8	-3838.9	
3881 9.4	100105.2	-3837.0	
3882 10.2	100106.8	-3809.6	
3883 10.4	100115.8	-3824.4	
3884 9.4	100116.1	-3837.7	
3885 9.9	100117.8	-3830.5	
3886 9.9	100118.3	-3810.0	
3887 9.0	100120.8	-3830.4	
3888 10.6	100124.3	-3851.2	
3889 9.9	100130.8	-3852.1	
3890 10.6	100137.1	-3828.3	
3891 10.2	100140.8	-3853.5	
3892 10.0	100143.8	-3844.7	
3893 9.4	100143.8	-3806.9	
3894 10.2	100147.8	-3811.5	
3895 10.2	100148.1	-3811.8	
3896 10.4	100152.3	-3819.1	
3897 9.4	100155.3	-3827.3	
3898 10.2	100202.8	-3836.1	
3899 10.6	100209.3	-3815.7	
3900 10.4	100209.8	-3819.4	
3901 10.6	100234.8	-3848.7	
3902 10.0	100235.8	-3851.7	
3903 10.4	100239.5	-3857.5	
3904 10.0	100242.8	-3813.5	
3905 9.1	100253.8	-3837.9	
3906 10.2	100255.8	-3847.2	
3907 10.2	100304.3	-3813.7	
3908 10.6	100309.8	-3851.7	
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3910 10.6	100316.3	-3840.2	
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3912 10.0	100319.8	-3846.1	
3913 10.0	100320.3	-3852.1	
3914 10.4	100324.8	-3850.8	
3915 8.2	100329.8	-3856.1	
3916 10.4	100330.3	-3851.7	
3917 10.2	100343.8	-3808.3	
3918 10.2	100344.3	-3816.8	
3919 9.7	100345.8	-3820.0	
3920 10.2	100421.3	-3829.1	
3921 9.4	100428.8	-3813.3	
3922 10.4	100434.8	-3812.9	
3923 10.0	100434.8	-3847.0	
3924 9.5	100438.8	-3827.3	
3925 10.2	100440.8	-3813.1	
3926 10.4	100453.8	-3851.4	
3927 9.5	100458.0	-3857.1	
3928 10.0	100501.3	-3832.7	
3929 9.7	100508.3	-3801.8	
3930 10.4	100509.8	-3849.8	
3931 7.4	100520.8	-3817.8	
3932 10.4	100530.8	-3811.5	
3933 9.7	100533.8	-3816.5	
3934 10.2	100542.3	-3802.0	
3935 10.6	100543.8	-3831.4	
3936 10.6	100553.8	-3819.3	
3937 9.5	100555.3	-3856.4	
3938 10.2	100601.3	-3841.0	
3939 8.0	100603.8	-3827.7	
3940 10.0	100604.8	-3840.9	
3941 8.2	100609.3	-3847.2	
3942 10.6	100623.8	-3804.7	
3943 10.2	100630.3	-3842.1	
3944 10.6	100634.3	-3808.0	
3945 10.6	100635.3	-3824.8	
3946 10.4	100636.8	-3819.9	
3947 10.4	100644.8	-3845.8	
3948 9.2	100648.8	-3836.4	
3949 10.6	100652.3	-3859.3	
3950 10.6	100654.8	-3853.2	
3951 9.8	100701.8	-3816.0	
3952 10.6	100705.3	-3858.6	
3953 10.6	100705.8	-3817.9	
3954 9.7	100706.3	-3823.0	
3955 9.9	100711.8	-3820.0	
3956 10.4	100720.3	-3817.9	
3957 10.6	100733.3	-3851.2	
3958 10.4	100742.3	-3828.5	
3959 10.4	100743.8	-3834.7	
3960 9.7	100744.3	-3803.1	

-38 3961 10h07m

-38 4320 10h37m

3961	10.0	100749.8	-3803.1	4051	10.6	101432.2	-3807.8	4141	10.6	102145.1	-3836.8
3962	9.9	100752.8	-3809.6	4052	10.6	101432.5	-3845.1	4142	9.4	102150.1	-3840.5
3963	10.2	100753.8	-3851.5	4053	10.0	101432.5	-3847.7	4143	10.4	102211.8	-3849.9
3964	10.2	100753.8	-3809.3	4054	10.6	101446.5	-3845.9	4144	7.8	102218.1	-3804.0
3965	10.6	100759.8	-3828.8	4055	10.2	101449.5	-3817.6	4145	9.0	102218.6	-3802.8
3966	9.9	100802.8	-3824.9	4056	9.4	101457.5	-3840.4	4146	10.4	102221.1	-3826.9
3967	9.9	100823.3	-3827.3	4057	10.6	101500.5	-3829.4	4147	10.6	102227.4	-3851.3
3968	10.0	100826.6	-3826.0	4058	10.4	101509.0	-3852.1	4148	10.2	102231.6	-3849.0
3969	9.9	100831.6	-3805.5	4059	9.0	101514.5	-3815.4	4149	9.7	102239.1	-3806.0
3970	10.4	100836.6	-3830.8	4060	10.4	101516.0	-3822.8	4150	9.7	102239.1	-3806.1
3971	10.6	100839.6	-3819.9	4061	10.6	101517.5	-3801.5	4151	10.6	102241.9	-3805.8
3972	8.4	100839.6	-3843.4	4062	10.6	101524.5	-3808.9	4152	10.0	102243.6	-3831.0
3973	9.2	100843.6	-3831.0	4063	10.0	101526.0	-3831.5	4153	10.6	102249.6	-3810.6
3974	10.0	100846.6	-3834.9	4064	10.2	101533.5	-3801.7	4154	10.2	102305.1	-3831.3
3975	9.8	100846.6	-3826.7	4065	10.6	101534.0	-3837.0	4155	8.4	102309.6	-3815.1
3976	8.0	100850.6	-3843.4	4066	9.1	101534.5	-3814.9	4156	9.9	102310.6	-3829.2
3977	7.6	100850.6	-3828.9	4067	9.4	101543.5	-3859.6	4157	10.2	102315.1	-3815.1
3978	10.4	100851.3	-3859.5	4068	10.4	101556.5	-3815.4	4158	10.6	102315.1	-3851.4
3979	9.9	100851.6	-3849.6	4069	10.6	101558.0	-3808.4	4159	8.4	102326.6	-3855.5
3980	9.1	100854.1	-3814.9	4070	9.4	101603.5	-3809.0	4160	9.9	102329.1	-3829.0
3981	10.2	100857.1	-3811.6	4071	10.2	101604.5	-3837.4	4161	10.6	102337.6	-3822.1
3982	10.6	100900.5	-3815.3	4072	9.4	101608.8	-3802.1	4162	10.4	102337.6	-3834.0
3983	10.6	100905.6	-3842.0	4073	10.6	101610.5	-3803.1	4163	10.2	102347.1	-3803.6
3984	10.4	100913.1	-3808.7	4074	10.6	101612.5	-3842.3	4164	10.0	102405.1	-3805.7
3985	10.6	100913.1	-3857.7	4075	10.4	101616.5	-3815.7	4165	9.2	102407.7	-3823.9
3986	10.6	100917.6	-3814.0	4076	10.2	101619.5	-3844.4	4166	8.9	102409.1	-3840.0
3987	10.6	100920.1	-3836.3	4077	10.2	101623.5	-3838.0	4167	9.7	102411.1	-3858.4
3988	9.9	100926.1	-3812.5	4078	10.4	101627.5	-3826.1	4168	10.6	102426.1	-3830.7
3989	10.4	100932.6	-3845.8	4079	9.4	101636.5	-3830.2	4169	10.2	102428.1	-3844.1
3990	10.2	100933.6	-3814.2	4080	10.6	101642.2	-3811.0	4170	10.2	102431.6	-3856.0
3991	10.6	100942.1	-3819.1	4081	9.9	101658.0	-3852.7	4171	9.2	102432.6	-3825.2
3992	10.6	100950.6	-3850.2	4082	9.2	101704.0	-3822.3	4172	10.4	102443.6	-3826.6
3993	10.6	101000.6	-3842.6	4083	10.4	101706.0	-3848.3	4173	9.8	102443.9	-3812.4
3994	9.2	101010.1	-3851.0	4084	10.0	101706.5	-3846.3	4174	10.6	102448.6	-3807.3
3995	10.6	101011.1	-3802.1	4085	10.6	101709.5	-3814.4	4175	7.4	102458.9	-3825.4
3996	10.2	101014.0	-3802.8	4086	9.6	101713.8	-3800.9	4176	10.6	102517.9	-3852.0
3997	10.2	101015.5	-3833.2	4087	9.4	101714.0	-3821.8	4177	9.4	102530.4	-3803.0
3998	8.4	101016.1	-3840.2	4088	10.0	101715.8	-3833.0	4178	10.2	102531.4	-3812.1
3999	10.4	101016.6	-3836.2	4089	10.4	101721.8	-3846.5	4179	9.2	102536.9	-3806.9
4000	10.6	101016.6	-3830.0	4090	10.6	101723.8	-3846.7	4180	7.8	102536.9	-3842.0
4001	9.4	101022.3	-3859.5	4091	10.0	101726.4	-3845.8	4181	9.8	102538.9	-3822.8
4002	10.0	101028.1	-3829.2	4092	10.0	101747.2	-3800.2	4182	8.4	102539.9	-3828.8
4003	10.4	101029.6	-3828.5	4093	10.2	101759.9	-3802.4	4183	9.9	102540.6	-3841.4
4004	10.6	101035.6	-3804.0	4094	9.5	101801.4	-3810.4	4184	10.4	102549.9	-3846.7
4005	9.0	101038.1	-3853.1	4095	10.2	101802.4	-3833.4	4185	10.6	102556.9	-3834.4
4006	9.4	101044.1	-3823.8	4096	10.2	101811.3	-3805.4	4186	9.9	102557.4	-3816.3
4007	10.4	101048.6	-3839.4	4097	10.6	101811.8	-3803.8	4187	10.6	102600.1	-3837.2
4008	10.2	101054.6	-3804.7	4098	10.4	101815.4	-3851.1	4188	10.2	102608.1	-3801.9
4009	9.9	101057.7	-3807.0	4099	10.2	101819.4	-3806.0	4189	10.3	102618.7	-3802.3
4010	10.6	101059.3	-3843.6	4100	10.6	101828.8	-3855.0	4190	10.1	102620.2	-3835.7
4011	10.6	101101.3	-3854.2	4101	10.2	101858.8	-3837.3	4191	10.1	102620.2	-3845.7
4012	9.4	101107.3	-3803.9	4102	10.6	101905.9	-3849.4	4192	9.2	102629.0	-3832.1
4013	10.6	101110.8	-3823.0	4103	8.9	101907.3	-3853.4	4193	10.3	102629.1	-3814.0
4014	10.4	101114.7	-3839.7	4104	10.6	101921.8	-3848.6	4194	10.3	102637.3	-3841.6
4015	10.4	101122.7	-3844.3	4105	9.4	101924.3	-3835.0	4195	9.2	102638.2	-3827.1
4016	10.0	101130.4	-3825.3	4106	10.6	101926.9	-3854.0	4196	10.2	102647.7	-3824.0
4017	10.4	101144.3	-3804.2	4107	10.6	101928.3	-3850.7	4197	10.3	102649.7	-3823.9
4018	10.6	101150.9	-3800.2	4108	10.6	101933.8	-3853.1	4198	7.8	102653.5	-3806.1
4019	8.9	101151.7	-3842.9	4109	10.4	101935.8	-3849.6	4199	8.5	102659.5	-3839.5
4020	10.6	101151.8	-3831.7	4110	10.2	101937.3	-3855.6	4200	9.7	102708.0	-3856.1
4021	10.6	101202.2	-3842.7	4111	9.9	101939.9	-3853.6	4201	9.8	102709.0	-3820.6
4022	10.2	101209.8	-3813.0	4112	10.6	101949.3	-3836.2	4202	10.3	102718.0	-3847.0
4023	10.6	101214.3	-3828.6	4113	9.2	101953.0	-3802.4	4203	10.0	102722.0	-3812.6
4024	9.9	101219.3	-3826.2	4114	10.0	101954.3	-3825.4	4204	10.3	102727.0	-3825.1
4025	10.4	101220.3	-3803.0	4115	8.8	101958.9	-3802.4	4205	8.8	102735.1	-3808.6
4026	10.0	101221.3	-3819.6	4116	10.4	102003.3	-3828.8	4206	10.0	102739.3	-3852.0
4027	10.6	101223.3	-3852.8	4117	10.0	102004.8	-3828.6	4207	10.4	102743.9	-3801.6
4028	9.9	101226.3	-3826.5	4118	10.0	102010.3	-3849.0	4208	10.3	102746.0	-3837.2
4029	10.2	101226.3	-3844.8	4119	10.0	102016.3	-3821.2	4209	10.0	102747.5	-3828.3
4030	10.4	101246.3	-3818.5	4120	10.0	102017.3	-3848.7	4210	9.1	102750.0	-3816.2
4031	10.4	101247.8	-3839.2	4121	10.6	102019.3	-3848.0	4211	10.1	102751.0	-3843.3
4032	10.2	101250.4	-3818.4	4122	10.6	102019.8	-3837.4	4212	10.3	102755.2	-3858.5
4033	10.2	101251.8	-3858.2	4123	9.9	102019.8	-3800.8	4213	9.4	102809.0	-3820.1
4034	10.6	101253.8	-3853.4	4124	10.0	102036.8	-3828.8	4214	10.3	102819.3	-3830.3
4035	9.5	101258.3	-3857.7	4125	10.6	102038.8	-3810.8	4215	9.6	102822.1	-3833.5
4036	10.6	101309.3	-3808.6	4126	9.4	102038.8	-3800.0	4216	8.6	102828.5	-3845.7
4037	10.0	101309.3	-3855.5	4127	9.8	102046.8	-3852.2	4217	10.3	102829.0	-3819.0
4038	9.4	101312.8	-3814.4	4128	10.4	102054.1	-3807.8	4218	10.0	102830.0	-3845.0
4039	9.0	101320.4	-3840.2	4129	7.6	102057.1	-3843.7	4219	10.3	102839.5	-3824.0
4040	9.2	101336.3	-3843.7	4130	10.2	102101.8	-3805.5	4220	10.3	102850.0	-3826.6
4041	10.6	101339.8	-3831.4	4131	9.6	102102.6	-3845.1	4221	10.0	102913.0	-3854.0
4042	9.8	101341.3	-3829.2	4132	10.6	102102.8	-3849.3	4222	9.6	102924.0	-3825.9
4043	9.4	101347.8	-3836.2	4133	10.6	102110.7	-3853.5	4223	8.2	102930.5	-3854.5
4044	10.0	101354.3	-3845.0	4134	10.6	102110.8	-3808.5	4224	10.0	102937.0	-3832.4
4045	9.5	101400.2	-3830.2	4135	9.9	102111.1	-3847.2	4225	9.5	102939.0	-3852.4
4046	10.4	101400.5	-3834.7	4136	9.4	102112.1	-3811.3	4226	9.6	102940.0	-3846.3
4047	9.8	101408.0	-3844.3	4137	9.9	102118.1	-3833.6	4227	7.8	102940.0	-3855.1
4048	10.6	101422.2	-3830.2	4138	9.6	102131.1	-3859.2	4228	10.2	102940.0	-3814.5
4049	10.4	101423.5	-3838.7	4139	10.2	102132.8	-3801.5	4229	9.4	102942.5	-3845.3
4050	9.4	101432.2	-3852.2	4140	9.8	102140.6	-3828.6	4230	10.3	102945.7	-3800.3
4231	9.8	102946.5	-3835.3								
4232	9.9	102949.0	-3828.0								
4233	9.0	102952.1	-3837.9								
4234	10.3	102952.1	-3825.8								
4235	10.1	102954.9	-3839.4								
4236	9.6	103003.0	-3854.0								
4237	8.5	103005.0	-3856.8								
4238	10.1	103007.3	-3840.7								
4239	9.8	103008.4	-3836.1								
4240	10.0	103008.4	-3841.7								
4241	10.2	103013.9	-3826.2								
4242	10.3	103014.9	-3824.7								
4243	9.9	103019.3	-3822.6								
4244	9.5	103019.4	-3825.4								
4245	9.9	103021.4	-3856.3								
4246	9.8	103034.7	-3800.9								
4247	10.0	103035.4	-3837.8								
4248	10.3	103040.9	-3847.1								
4249	10.3	103041.4	-3800.0								
4250	10.3	103046.9	-3835.8								
4251	9.5	103101.4	-3814.7								
4252	10.1	103104.1	-3801.0								
4253	10.3	103113.9	-3815.2								
4254	9.8	103128.9	-3813.1								
4255	10.0	103131.9	-3806.8								
4256	10.2	103142.4	-3842.6								
4257	10.2	103145.9	-3810.6								
4258	9.9	103146.9	-3829.9								
4259	9.8	103158.9	-3853.0								
4260	9.9	103202.9	-3830.7								
4261	10.2	103215.4	-3855.9								
4262	10.3	103221.4	-3841.4								
4263	10.1	103229.9	-3805.2								
4264	9.1	103230.4	-3841.1								
4265	8.4	103230.4	-3853.9								
4266	9.5	103231.6	-3858.9								
4267	10.3	103238.4	-3829.8								
4268	9.8	103239.4	-3854.2								
4269	9.8	103249.4	-3818.1								
4270	10.0	103250.4	-3843.8								
4271	10.1	103253.0	-3816.2								
4272	10.3	103259.9	-3810.3								
4273	10.3	103304.4	-3825.9								
4274	9.8	103307.4	-3844.6								
4275	10.3	103311.4	-3855.1								
4276	10.2	103315.3	-3832.0								
4277	10.3	103318.8	-3812.2								
4278	9.4	103319.3	-3837.4								
4279	9.8	103324.3	-3847.5								
4280	10.0	103325.8	-3810.2								
4281	10.2	103330.3	-3849.4								
4282	9.9	103330.8	-3823.3								
4283	9.2	103340.3	-3836.5								
4284	9.4	103346.8	-3840.3								
4285	10.0	103348.3	-3818.2								
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4287	10.0	103349.8	-3818.5								
4288	9.6	103401.8	-3819.2								
4289	10.3	103405.8	-3837.8								
4290	10.3	103406.3	-3832.3								
4291	10.1	103425.3	-3828.7								
4292	9.9	103429.5	-3804.0								
4293	9.0	103440.3	-3810.0								
4294	10.0	103441.3	-3829.5								
4295	9.4	103450.8	-3835.5								
4296	9.8	103454.3	-3803.7								
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4298	10.3	103459.5	-3854.9								
4299	9.6	103459.8	-3821.1								
4300	10.0	103503.3	-3831.0								
4301	10.1	103519.8	-3836.9								
4302	10.3	103522.8	-3855.4								
4303	10.3	103531.3	-3827.3								
4304	9.7	103555.8	-3850.2								
4305	9.4	103556.3	-3816.4								
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4307	10.0	103602.3	-3833.7								
4308	10.3	103609.6	-3858.3								
4309	10.3	103611.6	-3821.9								
4310	10.0	103613.1	-3836.2								
4311	8.3	103628.1	-3856.2								
4312	10.2	103630.1	-3815.1								
4313	8.3	103632.1	-3842.7								
4314	9.2	103636.1	-3827.5								
4315	9.2	103636.6	-3800.9								
4316	9.6	103638.1	-3835.5								
4317	10.2	103641.1	-3800.4								
4318	9.4	103649.2	-3859.2								
4319	9.1	103649.6	-3851.5								
4320	10.3	103703.6	-3824.0								

-38 4321 10h37m

4321 10.3 103708.1 -3830.9	4411 10.0 104518.5 -3838.6	4501 10.6 105451.7 -3840.4	4591 10.0 110618.0 -3853.6
4322 9.8 103716.1 -3808.6	4412 10.0 104521.0 -3840.3	4502 10.5 105501.7 -3840.6	4592 10.6 110618.0 -3846.9
4323 10.1 103718.6 -3834.0	4413 9.9 104529.5 -3817.7	4503 9.9 105523.9 -3833.4	4593 9.8 110625.5 -3826.1
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4325 10.2 103727.6 -3850.1	4415 9.4 104540.0 -3859.7	4505 10.0 105548.5 -3831.7	4595 9.3 110650.0 -3813.5
4326 9.6 103732.1 -3828.0	4416 10.3 104540.5 -3809.0	4506 9.9 105553.0 -3805.0	4596 10.6 110702.5 -3842.7
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4328 10.2 103746.1 -3854.4	4418 10.0 104558.5 -3804.8	4508 9.6 105555.6 -3801.6	4598 10.2 110707.5 -3833.1
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4337 9.8 103834.6 -3851.2	4427 9.6 104649.0 -3827.0	4517 10.2 105709.2 -3851.0	4607 9.3 110815.5 -3817.6
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4345 10.0 103919.0 -3848.5	4435 10.3 104731.5 -3811.5	4525 10.2 105753.4 -3820.4	4615 10.5 110908.5 -3836.9
4346 10.3 103929.3 -3853.1	4436 10.3 104734.0 -3850.5	4526 9.4 105808.2 -3845.4	4616 10.0 110910.5 -3855.3
4347 9.4 103930.0 -3848.6	4437 9.0 104738.4 -3812.3	4527 10.4 105900.8 -3813.5	4617 7.7 110912.5 -3847.8
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4349 9.9 103945.5 -3844.7	4439 10.2 104748.5 -3824.4	4529 10.2 105932.8 -3818.6	4619 10.5 110929.5 -3847.5
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4361 10.3 104049.5 -3819.0	4451 9.8 104851.5 -3807.2	4541 10.0 110100.2 -3848.2	4631 10.6 111132.4 -3833.5
4362 10.0 104053.0 -3828.4	4452 8.8 104852.0 -3805.1	4542 10.3 110108.2 -3824.5	4632 9.4 111134.9 -3859.5
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4371 10.3 104132.1 -3839.9	4461 10.2 104957.5 -3851.2	4551 10.6 110203.0 -3807.8	4641 10.0 111239.9 -3829.7
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4374 10.3 104205.5 -3827.4	4464 9.6 105020.0 -3845.9	4554 10.0 110228.5 -3836.9	4644 10.4 111251.2 -3811.7
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4386 9.4 104318.0 -3801.0	4476 9.8 105123.6 -3859.3	4566 10.6 110328.5 -3808.7	4656 10.0 111443.9 -3812.3
4387 9.7 104328.5 -3850.8	4477 9.9 105130.0 -3851.9	4567 9.4 110348.5 -3826.1	4657 9.8 111459.9 -3833.7
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4395 9.3 104410.4 -3835.5	4485 10.1 105222.4 -3809.7	4575 10.2 110423.0 -3807.5	4665 10.2 111539.2 -3832.1
4396 10.3 104418.5 -3801.1	4486 9.3 105235.7 -3801.0	4576 10.2 110430.5 -3825.5	4666 9.8 111541.9 -3836.7
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4398 10.3 104425.0 -3821.3	4488 10.3 105256.0 -3832.4	4578 10.6 110437.0 -3856.2	4668 10.0 111557.9 -3853.1
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4400 10.1 104428.0 -3819.5	4490 9.8 105325.8 -3816.7	4580 10.0 110521.5 -3834.7	4670 10.6 111604.2 -3800.7
4401 9.3 104430.0 -3831.1	4491 10.3 105329.0 -3800.3	4581 9.3 110530.0 -3832.2	4671 10.6 111612.5 -3828.5
4402 10.3 104430.5 -3846.2	4492 10.6 105341.8 -3853.4	4582 10.2 110530.5 -3844.2	4672 10.0 111614.6 -3841.2
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4405 9.0 104443.5 -3858.0	4495 10.4 105400.5 -3829.3	4585 8.8 110555.5 -3844.4	4675 10.4 111629.6 -3819.0
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4408 10.3 104502.5 -3813.3	4498 10.4 105410.5 -3836.4	4588 10.0 110606.5 -3835.8	4678 10.2 111646.0 -3843.7
4409 9.8 104504.5 -3826.7	4499 10.3 105430.9 -3827.5	4589 10.2 110611.0 -3842.1	4679 10.6 111647.0 -3849.0
4410 10.3 104516.0 -3845.8	4500 10.5 105440.0 -3807.1	4590 10.0 110615.0 -3857.5	4680 10.0 111652.7 -3815.4

-38 4681 11h17m

-38 5040 12h10m

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-38 5401 12h57m

-39 5760 14h06m

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5482 10.0 131418.1 -3859.3	5572 8.8 133622.0 -3806.8	5662 10.2 135021.5 -3829.5	5752 9.5 140522.6 -3859.2
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5487 10.4 131523.9 -3802.5	5577 10.2 133700.0 -3808.6	5667 9.8 135119.0 -3854.2	5757 10.1 140630.8 -3845.7
5488 10.4 131612.6 -3831.5	5578 9.4 133712.0 -3846.2	5668 10.0 135123.5 -3818.2	5758 10.1 140638.3 -3853.7
5489 6.8 131612.8 -3858.5	5579 9.8 133716.5 -3806.4	5669 9.3 135130.0 -3853.8	5759 8.9 140638.3 -3838.5
5490 10.4 131621.1 -3801.1	5580 10.4 133720.2 -3801.8	5670 10.0 135132.9 -3830.7	5760 10.2 140653.8 -3834.6

-38 5761 14h06m

5761 10.2 140655.3 -3834.8	5851 9.8 141901.0 -3834.6	5941 8.3 143817.7 -3804.5	6031 10.1 145759.8 -3828.8
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5850 7.6 141854.0 -3857.5	5940 9.8 143809.2 -3838.6	6030 8.8 145734.8 -3804.8	6120 10.0 151014.1 -3820.3

-38 6120 15h10m

-38 6121 15h10m

-38 6479 16h32m

6121	10.0	151017.1	-3310.5	6211	9.6	152232.1	-3840.9	6300	9.2	154758.5	-3853.7
6122	10.1	151020.1	-3914.4	6212	8.8	152247.8	-3855.8	6301	10.0	154823.5	-3813.2
6123	8.7	151041.1	-3825.1	6213	9.6	152311.4	-3844.0	6302	9.0	154841.5	-3808.1
6124	10.1	151100.1	-3843.8	6214	9.6	152316.3	-3838.4	6303	9.2	154854.0	-3842.9
6125	10.1	151111.6	-3809.9	6215	9.0	152317.3	-3831.8	6304	10.0	154915.0	-3841.9
6126	10.0	151119.6	-3802.7	6216	9.5	152319.8	-3823.6	6305	8.6	154919.4	-3853.1
6127	8.7	151121.1	-3822.6	6217	6.8	152357.3	-3811.5	6306	9.4	154930.1	-3838.5
6128	10.0	151131.6	-3836.1	6218	9.6	152410.8	-3805.0	6307	9.4	154939.1	-3840.3
6129	9.6	151139.1	-3838.8	6219	9.2	152420.8	-3803.4	6308	8.6	154943.0	-3814.8
6130	10.1	151204.6	-3849.1	6220	9.1	152458.3	-3840.4	6309	10.0	154944.5	-3820.6
6131	9.4	151210.1	-3854.9	6221	9.4	152531.3	-3853.4	6310	10.0	155001.5	-3803.7
6132	8.3	151218.6	-3810.6	6222	6.8	152609.3	-3855.6	6311	9.6	155020.1	-3848.3
6133	9.2	151220.1	-3848.4	6223	8.8	152618.4	-3841.6	6312	7.9	155033.1	-3837.8
6134	10.1	151228.6	-3807.7	6224	9.2	152706.3	-3807.7	6313	9.4	155050.1	-3817.0
6135	10.1	151229.[illegible]	-3829.2	6225	9.3	152737.6	-3859.7	6314	7.0	155053.0	-3823.1
6136	9.8	151238.[illegible]	-3807.8	6226	9.2	152749.3	-3830.5	6315	9.4	155057.5	-3804.1
6137	10.1	151239.1	-3821.6	6227	8.8	152756.4	-3853.8	6316	10.0	155105.5	-3821.3
6138	10.0	151241.1	-3829.2	6228	9.6	152759.8	-3808.9	6317	9.2	155107.0	-3827.7
6139	10.1	151241.1	-3808.4	6229	8.3	152804.3	-3825.5	6318	8.7	155125.1	-3812.1
6140	8.7	151249.6	-3836.1	6230	9.2	152830.8	-3835.2	6319	10.0	155125.5	-3835.7
6141	9.1	151250.1	-3853.2	6231	9.6	152839.8	-3805.5	6320	10.0	155140.5	-3801.2
6142	9.8	151314.1	-3820.2	6232	9.6	152859.3	-3858.1	6321	8.6	155141.5	-3802.9
6143	9.1	151314.1	-3815.4	6233	9.4	152903.0	-3801.9	6322	4.3	155150.4	-3802.2
6144	9.2	151324.6	-3843.7	6234	9.5	152907.8	-3820.8	6323	9.4	155157.5	-3845.0
6145	10.0	151340.1	-3819.9	6235	9.5	152908.8	-3829.7	6324	7.3	155202.3	-3838.1
6146	10.1	151347.1	-3852.9	6236	8.6	152910.3	-3823.8	6325	7.1	155228.1	-3843.8
6147	8.8	151351.6	-3846.4	6237	7.9	152921.8	-3840.4	6326	10.0	155234.0	-3801.3
6148	9.8	151359.1	-3809.7	6238	8.3	152934.6	-3851.1	6327	9.2	155241.0	-3805.5
6149	9.8	151407.1	-3834.5	6239	9.3	152944.3	-3840.2	6328	9.8	155254.5	-3833.3
6150	10.0	151412.1	-3811.4	6240	8.6	152948.8	-3832.1	6329	9.4	155302.1	-3814.2
6151	8.9	151451.6	-3854.3	6241	9.6	153011.3	-3812.9	6330	9.4	155307.1	-3816.0
6152	10.1	151455.1	-3804.5	6242	7.1	153019.8	-3844.8	6331	10.0	155309.6	-3848.3
6153	9.4	151459.6	-3808.0	6243	7.1	153029.8	-3842.9	6332	9.2	155310.5	-3817.1
6154	9.6	151501.6	-3814.4	6244	9.5	153101.3	-3843.2	6333	10.0	155311.0	-3841.1
6155	10.0	151514.1	-3833.7	6245	8.7	153103.3	-3829.8	6334	9.2	155315.5	-3801.1
6156	9.8	151534.9	-3824.7	6246	9.6	153107.3	-3832.3	6335	9.4	155315.5	-3826.9
6157	10.0	151549.6	-3812.6	6247	9.6	153120.8	-3810.2	6336	8.6	155319.0	-3805.3
6158	10.1	151602.6	-3825.5	6248	9.6	153128.1	-3857.0	6337	10.0	155331.5	-3836.1
6159	8.9	151607.7	-3959.2	6249	8.7	153158.8	-3859.0	6338	9.0	155352.1	-3834.1
6160	10.0	151609.6	-3312.2	6250	8.3	153159.3	-3817.9	6339	10.0	155415.5	-3850.1
6161	10.0	151613.6	-3826.7	6251	9.5	153202.3	-3810.4	6340	5.4	155505.5	-3815.0
6162	9.6	151629.6	-3827.2	6252	8.7	153206.3	-3822.1	6341	9.4	155507.0	-3820.8
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6164	9.6	151631.6	-3800.6	6254	9.6	153228.3	-3839.8	6343	9.2	155508.4	-3807.6
6165	8.9	151634.9	-3840.0	6255	9.6	153257.3	-3817.1	6344	9.4	155509.1	-3807.8
6166	10.0	151641.6	-3814.6	6256	9.5	153302.3	-3850.8	6345	9.8	155511.5	-3819.0
6167	10.1	151706.1	-3816.4	6257	9.6	153419.4	-3818.5	6346	8.8	155516.0	-3837.9
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6169	9.3	151707.1	-3813.4	6259	9.6	153458.3	-3810.1	6348	9.4	155520.5	-3822.4
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6172	10.1	151711.1	-381 .4	6262	9.4	153544.4	-3845.4	6351	10.0	155603.5	-3851.0
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6177	8.7	151738.6	-3836.5	6266	9.5	153703.8	-3815.0	6356	8.6	155640.1	-3852.3
6178	8.7	151738.6	-3811.4	6267	9.6	153723.8	-3819.4	6357	10.0	155641.0	-3829.8
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6180	9.8	151743.6	-3841.0	6269	8.6	153757.6	-3822.7	6359	9.0	155644.0	-3803.9
6181	9.5	151746.6	-3857.3	6270	9.6	153922.4	-3839.5	6360	9.0	155645.0	-3803.5
6182	9.8	151756.7	-3802.6	6271	9.6	153929.8	-3800.0	6361	10.0	155649.6	-3804.9
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6184	10.1	151816.4	-3848.9	6273	9.1	154041.8	-3813.5	6363	10.0	155705.0	-3838.5
6185	9.4	151816.4	-3811.7	6274	9.4	154058.7	-3821.6	6364	9.8	155724.0	-3845.4
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6188	10.0	151915.4	-3803.0	6277	8.6	154124.3	-3823.4	6367	7.7	155811.0	-3855.1
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6193	8.8	152006.4	-3821.4	6282	9.6	154218.7	-3801.7	6372	10.0	160011.3	-3808.1
6194	10.0	152014.5	-3835.7	6283	9.0	154238.5	-3857.0	6373	7.7	160011.5	-3846.1
6195	8.7	152016.0	-3836.1	6284	9.4	154404.8	-3846.8	6374	7.5	160012.0	-3845.3
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6197	10.1	152021.2	-3820.4	6286	8.8	154519.3	-3858.8	6376	10.0	160031.5	-3845.9
6198	10.1	152038.2	-3834.2	6287	9.6	154530.1	-3801.9	6377	9.8	160049.1	-3811.6
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6201	8.7	152059.3	-3851.2	6290	9.6	154551.4	-3816.2	6380	9.8	160250.1	-3809.7
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6206	7.6	152200.3	-3809.2	6295	9.0	154701.5	-3854.0	6385	9.3	160455.0	-3859.4
6207	9.3	152212.3	-3855.1	6296	9.8	154705.5	-3808.6	6386	8.8	160533.2	-3851.9
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6210	9.6	152230.4	-3831.0	6299	9.2	154755.0	-3828.4	6389	8.7	160621.2	-3819.3
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6395	8.9	161002.2	-3828.7								
6396	10.0	161011.2	-3859.8								
6397	10.0	161013.1	-3826.2								
6398	8.6	161016.1	-3820.5								
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6400	9.6	161201.2	-3818.1								
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6403	10.0	161245.1	-3846.0								
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6405	10.0	161352.4	-3824.4								
6406	9.8	161506.6	-3856.0								
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6463	10.0	163029.6	-3820.3								
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6466	9.8	163111.2	-3826.7								
6467	9.6	163111.2	-3827.4								
6468	10.0	163111.6	-3842.1								
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6474	10.0	163147.1	-3859.7								
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6476	10.0	163155.2	-3827.9								
6477	9.6	163208.7	-3809.1								
6478	9.8	163211.7	-3837.7								
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6480	9.9	163224.7	-3836.3
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6494	10.0	163324.7	-3841.0
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6517	9.6	163608.7	-3838.2
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6523	9.9	163625.5	-3857.2
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6529	10.0	163719.7	-3818.0
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6549	9.6	164124.2	-3819.3
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6551	10.4	164150.3	-3824.3
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6557	10.4	164332.2	-3833.6
6558	10.4	164338.7	-3808.9
6559	10.4	164339.3	-3825.9
6560	7.6	164402.2	-3813.2
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6588	9.6	164809.4	-3821.8
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6592	10.0	164855.9	-3845.1
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6610	7.6	165036.4	-3822.1
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6613	9.2	165056.5	-3805.1
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6615	9.4	165115.0	-3831.3
6616	10.2	165118.5	-3834.2
6617	10.4	165125.0	-3803.1
6618	10.4	165210.0	-3837.3
6619	9.8	165219.5	-3831.4
6620	9.4	165230.4	-3836.7
6621	10.4	165239.6	-3824.7
6622	10.4	165241.0	-3828.9
6623	10.2	165242.1	-3853.7
6624	6.9	165242.5	-3800.9
6625	10.4	165243.0	-3814.9
6626	10.4	165245.5	-3815.1
6627	7.6	165251.0	-3807.6
6628	9.2	165300.5	-3856.1
6629	9.6	165303.5	-3815.1
6630	9.6	165307.0	-3818.2
6631	10.4	165310.0	-3846.6
6632	9.6	165312.5	-3852.8
6633	10.4	165322.4	-3810.9
6634	9.8	165327.5	-3841.8
6635	10.0	165339.5	-3841.7
6636	10.4	165402.0	-3819.8
6637	10.4	165415.5	-3826.9
6638	7.6	165422.0	-3816.5
6639	10.0	165428.0	-3847.8
6640	10.0	165429.8	-3804.9
6641	10.0	165438.3	-3837.1
6642	8.5	165438.8	-3819.6
6643	10.0	165448.3	-3834.0
6644	10.4	165456.3	-3819.3
6645	10.0	165458.3	-3844.3
6646	9.6	165509.8	-3832.6
6647	10.0	165521.8	-3810.8
6648	10.4	165526.3	-3835.5
6649	9.8	165530.8	-3853.4
6650	9.4	165534.3	-3822.0
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6652	9.7	165537.3	-3804.9
6653	10.4	165542.3	-3848.4
6654	10.0	165543.3	-3844.2
6655	10.4	165548.8	-3815.1
6656	10.4	165551.8	-3859.7
6657	10.4	165552.3	-3849.2
6658	10.0	165600.3	-3848.5
6659	9.8	165602.3	-3811.4
6660	9.8	165606.8	-3818.6
6661	9.8	165607.3	-3809.0
6662	10.4	165612.8	-3835.7
6663	10.4	165613.3	-3838.1
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6666	10.4	165622.8	-3834.4
6667	10.4	165625.3	-3851.2
6668	8.5	165625.8	-3826.3
6669	10.4	165631.0	-3842.5
6670	10.4	165638.3	-3841.1
6671	9.8	165650.4	-3842.2
6672	10.4	165658.5	-3817.8
6673	10.4	165719.5	-3804.6
6674	10.0	165720.1	-3833.6
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6677	10.4	165730.4	-3809.2
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6680	10.4	165740.4	-3809.5
6681	10.4	165743.5	-3813.1
6682	9.8	165749.2	-3800.5
6683	8.8	165809.2	-3803.0
6684	10.0	165809.5	-3846.6
6685	8.2	165825.0	-3815.2
6686	9.8	165828.0	-3844.0
6687	10.4	165828.5	-3828.8
6688	10.4	165829.2	-3801.2
6689	10.4	165839.5	-3847.3
6690	10.4	165845.5	-3801.0
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6692	10.4	165909.4	-3857.1
6693	10.4	165914.5	-3824.3
6694	10.0	165920.0	-3813.7
6695	9.6	165921.1	-3818.9
6696	10.2	165943.4	-3814.3
6697	9.4	170006.0	-3824.5
6698	9.8	170010.5	-3817.1
6699	9.4	170011.4	-3842.9
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6701	9.8	170101.1	-3804.1
6702	10.4	170109.0	-3855.3
6703	8.8	170133.0	-3827.5
6704	10.4	170139.5	-3836.3
6705	10.4	170141.2	-3838.5
6706	10.4	170142.0	-3804.9
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6710	9.6	170153.4	-3810.8
6711	10.4	170154.3	-3817.3
6712	9.8	170214.8	-3800.4
6713	10.4	170216.4	-3812.1
6714	10.4	170224.3	-3805.9
6715	10.4	170240.3	-3815.7
6716	10.4	170244.3	-3813.1
6717	10.0	170252.7	-3815.1
6718	10.4	170254.1	-3804.9
6719	10.4	170254.3	-3815.8
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6722	9.2	170318.5	-3800.1
6723	7.3	170341.3	-3839.9
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6726	9.4	170344.3	-3815.0
6727	10.4	170413.3	-3822.5
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6731	9.0	170433.4	-3837.6
6732	10.2	170443.1	-3855.0
6733	9.6	170449.1	-3838.6
6734	9.6	170458.6	-3851.3
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6737	10.4	170509.5	-3813.6
6738	10.4	170510.3	-3821.4
6739	10.4	170511.6	-3821.6
6740	10.4	170516.4	-3802.3
6741	10.4	170520.0	-3815.5
6742	6.6	170521.4	-3808.5
6743	10.4	170545.4	-3844.4
6744	9.4	170547.2	-3821.9
6745	10.2	170551.1	-3854.4
6746	8.4	170623.1	-3847.8
6747	9.7	170643.7	-3814.4
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6750	7.2	170650.2	-3803.9
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6756	9.4	170729.2	-3810.4
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6763	9.5	170838.2	-3828.5
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6765	9.7	170843.2	-3837.9
6766	9.7	170845.7	-3854.2
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6768	8.9	170901.7	-3831.2
6769	9.6	170908.7	-3814.0
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6781	8.4	171150.2	-3833.2
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6785	9.3	171250.7	-3835.2
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6788	8.6	171309.2	-3817.8
6789	9.7	171310.0	-3823.6
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6795	9.3	171359.7	-3823.3
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6806	9.5	171502.7	-3849.8
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6814	9.7	171609.7	-3836.7
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6818	9.7	171655.7	-3834.3
6819	9.2	171658.7	-3841.5
6820	8.4	171715.2	-3811.2
6821	9.4	171722.7	-3805.2
6822	8.5	171732.7	-3828.4
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6824	9.4	171741.7	-3814.4
6825	8.6	171742.7	-3846.1
6826	9.7	171746.5	-3802.0
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6828	9.7	171750.2	-3843.7
6829	9.7	171750.7	-3832.8
6830	9.7	171751.7	-3828.8
6831	9.7	171755.7	-3822.0
6832	8.4	171800.2	-3812.8
6833	9.0	171801.7	-3833.8
6834	8.7	171803.7	-3803.3
6835	9.7	171810.2	-3844.8
6836	9.3	171822.1	-3807.7
6837	9.6	171829.9	-3857.1
6838	9.2	171842.1	-3847.0
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6840	9.6	171846.1	-3852.6	6930	9.7	172741.0	-3823.0	7020	10.1	173742.8	-3806.4
6841	9.7	171851.6	-3833.0	6931	9.7	172745.5	-3812.4	7021	9.6	173742.8	-3851.4
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6844	9.0	171900.1	-3818.6	6934	9.7	172806.5	-3810.0	7024	9.2	173801.8	-3805.2
6845	9.7	171901.6	-3804.0	6935	9.2	172818.5	-3851.0	7025	9.8	173809.8	-3818.9
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6848	8.4	171929.6	-3839.5	6938	9.6	172855.5	-3826.3	7028	7.2	173832.8	-3803.6
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6850	8.2	171946.1	-3835.2	6940	9.6	172900.5	-3826.4	7030	9.6	173841.6	-3800.2
6851	9.2	172012.3	-3859.5	6941	9.7	172904.5	-3848.9	7031	10.0	173847.8	-3843.4
6852	9.5	172018.1	-3813.8	6942	9.1	172907.5	-3839.0	7032	10.2	173847.8	-3859.7
6853	9.3	172019.6	-3823.0	6943	9.4	172908.5	-3851.8	7033	10.0	173849.8	-3800.5
6854	9.4	172020.1	-3847.7	6944	9.2	172910.0	-3827.6	7034	10.2	173850.8	-3820.0
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6856	9.7	172030.1	-3833.0	6946	9.6	172919.5	-3831.8	7036	9.2	173901.3	-3818.4
6857	9.7	172030.6	-3812.3	6947	9.6	172921.5	-3839.7	7037	10.2	173903.8	-3806.0
6858	9.0	172038.1	-3833.6	6948	9.5	172922.0	-3845.4	7038	9.6	173931.8	-3848.7
6859	9.6	172041.6	-3852.2	6949	9.7	172928.0	-3828.2	7039	10.2	173937.8	-3811.2
6860	8.5	172044.6	-3832.2	6950	9.7	172931.5	-3854.3	7040	10.1	173939.8	-3848.0
6861	9.6	172048.1	-3807.5	6951	9.7	172931.5	-3805.8	7041	10.0	173946.8	-3854.3
6862	7.1	172050.1	-3824.6	6952	9.6	172938.7	-3800.6	7042	8.7	173949.8	-3818.6
6863	9.6	172110.6	-3850.6	6953	9.6	172944.5	-3827.4	7043	7.6	173953.3	-3805.2
6864	9.4	172137.1	-3837.4	6954	9.5	172959.2	-3812.8	7044	10.1	173958.3	-3841.8
6865	8.3	172140.1	-3832.9	6955	9.4	173018.2	-3838.7	7045	10.1	173958.8	-3827.1
6866	9.2	172147.6	-3851.0	6956	9.0	173033.7	-3856.8	7046	10.2	174007.8	-3836.0
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6879	9.7	172302.6	-3849.0	6969	9.5	173151.7	-3831.9	7059	9.4	174105.8	-3833.0
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6881	9.7	172309.9	-3840.0	6971	9.7	173217.7	-3838.2	7061	10.1	174120.8	-3809.4
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6883	9.5	172310.1	-3836.0	6973	9.0	173229.7	-3811.1	7063	9.2	174125.3	-3837.6
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6886	9.4	172311.6	-3826.3	6976	9.4	173239.7	-3846.0	7066	8.5	174132.3	-3805.8
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6892	8.6	172346.6	-3833.7	6982	10.2	173314.5	-3802.8	7072	9.6	174151.3	-3828.7
6893	9.4	172350.6	-3814.1	6983	10.0	173320.0	-3813.3	7073	10.2	174204.8	-3824.4
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6901	9.4	172453.1	-3819.2	6991	10.2	173344.3	-3854.3	7081	9.8	174212.3	-3830.0
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6903	9.7	172459.6	-3828.4	6993	8.6	173409.8	-3824.0	7083	9.9	174216.8	-3831.6
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6915	9.6	172624.5	-3821.2	7005	10.2	173527.8	-3814.0	7095	9.0	174311.3	-3808.9
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7118	10.2	174359.8	-3829.0								
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-38 7200 17h48m

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7272 10.0 175233.5 -3814.2	7362 8.8 175756.4 -3845.8	7452 9.6 180921.0 -3825.7	7542 8.8 182551.0 -3832.3
7273 10.1 175243.0 -3848.5	7363 9.0 175756.9 -3836.9	7453 9.8 180923.0 -3838.1	7543 9.8 182614.5 -3856.3
7274 10.2 175247.0 -3820.5	7364 9.2 175758.4 -3829.5	7454 8.6 180940.5 -3816.2	7544 9.7 182616.0 -3830.9
7275 9.2 175250.0 -3826.7	7365 10.1 175817.4 -3851.4	7455 9.8 180944.5 -3838.1	7545 9.7 182618.2 -3856.7
7276 9.9 175254.0 -3846.2	7366 10.1 175823.4 -3821.7	7456 9.8 180945.1 -3859.3	7546 8.8 182621.5 -3844.8
7277 10.2 175254.5 -3836.0	7367 10.2 175831.7 -3857.3	7457 9.7 181016.0 -3811.9	7547 9.0 182629.0 -3808.2
7278 9.9 175255.5 -3814.8	7368 10.2 175835.9 -3836.1	7458 9.8 181030.0 -3845.1	7548 9.6 182633.7 -3820.6
7279 7.6 175257.5 -3804.5	7369 9.0 175842.4 -3859.2	7459 9.8 181035.5 -3806.1	7549 8.0 182650.1 -3800.1
7280 10.0 175257.5 -3801.4	7370 10.2 175842.9 -3833.3	7460 9.8 181101.2 -3818.5	7550 9.6 182731.3 -3833.4
7281 9.2 175259.5 -3826.4	7371 9.0 175849.4 -3813.1	7461 8.5 181102.0 -3825.5	7551 10.2 182739.5 -3845.1
7282 10.1 175259.5 -3814.1	7372 10.2 175850.9 -3802.1	7462 9.4 181113.3 -3801.9	7552 8.7 182743.8 -3814.2
7283 9.4 175259.5 -3808.5	7373 9.4 175855.9 -3804.2	7463 9.7 181117.5 -3822.5	7553 10.2 182802.8 -3847.4
7284 10.0 175300.5 -3845.8	7374 9.7 175859.4 -3849.9	7464 8.6 181131.5 -3851.5	7554 9.9 182932.3 -3839.3
7285 10.1 175307.0 -3847.5	7375 9.4 175905.4 -3858.0	7465 9.7 181151.0 -3808.5	7555 9.9 183004.3 -3853.2
7286 10.2 175311.0 -3824.4	7376 9.8 175905.4 -3823.8	7466 9.6 181152.0 -3829.3	7556 10.2 183011.8 -3828.4
7287 9.8 175321.5 -3842.9	7377 8.4 175905.9 -3851.8	7467 9.7 181157.5 -3806.7	7557 10.0 183020.3 -3831.7
7288 10.2 175324.5 -3825.0	7378 9.7 175916.9 -3825.7	7468 9.7 181200.5 -3804.6	7558 9.0 183050.8 -3807.1
7289 10.2 175330.5 -3826.1	7379 7.7 175917.4 -3834.6	7469 9.8 181220.0 -3847.5	7559 9.9 183101.8 -3833.2

-38 7559 18h31m

-38 7560 18h31m

-38 7919 19h52m

7560	9.6	183111.3	-3810.3	7650	10.2	184915.7	-3811.9	7740	10.4	190411.2	-3832.3	7830	10.4	192215.0	-3815.7
7561	9.6	183123.3	-3801.0	7651	10.0	184918.2	-3853.8	7741	7.5	190435.7	-3853.2	7831	9.6	192222.5	-3822.7
7562	9.9	183134.3	-3808.7	7652	9.7	184918.7	-3834.2	7742	9.4	190455.7	-3829.7	7832	9.2	192319.7	-3845.5
7563	10.2	183205.8	-3816.2	7653	7.9	184926.7	-3819.5	7743	10.2	190608.7	-3851.1	7833	10.4	192335.2	-3811.7
7564	8.6	183230.3	-3828.1	7654	10.2	184929.2	-3852.1	7744	9.6	190624.2	-3835.3	7834	10.2	192340.9	-3801.1
7565	10.0	183317.8	-3819.9	7655	9.8	184937.7	-3839.1	7745	10.0	190655.5	-3802.6	7835	10.2	192411.2	-3824.7
7566	9.6	183346.8	-3845.2	7656	10.2	184957.2	-3806.1	7746	9.6	190703.2	-3820.7	7836	10.4	192442.0	-3821.3
7567	8.8	183359.3	-3823.8	7657	9.9	185005.7	-3842.7	7747	10.8	190730.2	-3842.7	7837	10.4	192457.2	-3839.9
7568	10.2	183359.8	-3850.7	7658	10.2	185046.7	-3810.5	7748	10.8	190737.2	-3833.3	7838	10.2	192502.0	-3849.2
7569	10.2	183409.8	-3859.2	7659	10.2	185050.2	-3828.6	7749	10.6	190750.7	-3825.0	7839	10.2	192621.0	-3821.2
7570	10.0	183426.3	-3818.2	7660	10.0	185107.2	-3857.0	7750	10.0	190751.7	-3830.4	7840	9.8	192637.5	-3843.8
7571	9.7	183442.8	-3833.9	7661	10.2	185109.8	-3838.3	7751	10.8	190752.7	-3805.8	7841	10.4	192638.0	-3824.4
7572	8.3	183445.3	-3844.8	7662	10.2	185116.3	-3845.0	7752	10.0	190829.7	-3843.8	7842	9.9	192701.0	-3819.9
7573	10.0	183449.6	-3800.1	7663	10.0	185117.8	-3822.9	7753	10.8	190833.7	-3819.7	7843	10.4	192711.5	-3811.0
7574	6.0	183511.8	-3826.5	7664	10.2	185130.8	-3859.8	7754	9.8	190855.2	-3809.8	7844	10.3	192734.0	-3840.5
7575	10.2	183536.3	-3854.2	7665	9.9	185207.8	-3823.3	7755	8.2	190919.7	-3829.0	7845	10.4	192754.7	-3801.2
7576	8.0	183607.3	-3815.0	7666	10.2	185217.8	-3818.0	7756	10.8	190919.7	-3819.9	7846	10.4	192808.6	-3806.8
7577	9.4	183615.8	-3823.4	7667	10.2	185220.8	-3847.6	7757	10.4	190939.7	-3822.0	7847	10.4	192832.1	-3800.8
7578	10.2	183620.3	-3807.3	7668	10.2	185228.8	-3828.1	7758	10.4	190939.7	-3834.5	7848	9.9	192920.6	-3840.3
7579	9.9	183629.3	-3825.4	7669	10.2	185231.8	-3836.2	7759	8.6	190941.2	-3836.1	7849	10.3	192944.1	-3812.6
7580	9.8	183631.3	-3823.0	7670	9.8	185234.4	-3847.1	7760	9.6	190949.2	-3806.9	7850	9.9	193042.6	-3836.0
7581	10.2	183639.3	-3820.1	7671	10.8	185308.0	-3842.9	7761	9.2	190959.2	-3852.7	7851	10.4	193119.6	-3833.2
7582	9.9	183639.8	-3841.7	7672	9.4	185322.5	-3807.5	7762	10.8	191004.2	-3802.0	7852	10.4	193130.4	-3856.1
7583	9.5	183726.8	-3811.2	7673	10.8	185322.5	-3850.8	7763	9.8	191004.5	-3835.8	7853	10.4	193139.9	-3801.6
7584	9.5	183731.8	-3850.4	7674	10.8	185322.5	-3851.2	7764	10.4	191006.0	-3820.8	7854	10.4	193143.9	-3836.7
7585	9.8	183734.5	-3800.3	7675	10.6	185326.3	-3847.2	7765	9.4	191043.4	-3859.9	7855	10.2	193148.4	-3824.8
7586	8.6	183750.5	-3858.0	7676	10.2	185329.8	-3824.8	7766	10.8	191055.0	-3841.5	7856	9.2	193153.9	-3846.8
7587	9.5	183750.8	-3840.4	7677	10.4	185354.8	-3800.3	7767	10.6	191101.5	-3829.2	7857	10.2	193235.4	-3811.4
7588	9.4	183837.3	-3822.8	7678	10.8	185354.8	-3850.3	7768	9.6	191117.0	-3820.1	7858	9.6	193347.6	-3809.8
7589	8.7	183841.5	-3857.0	7679	10.2	185355.3	-3829.9	7769	10.0	191146.0	-3828.5	7859	10.2	193402.1	-3840.6
7590	9.6	183859.3	-3817.2	7680	10.8	185401.0	-3858.4	7770	8.8	191151.5	-3810.3	7860	10.4	193426.6	-3802.9
7591	10.2	183911.3	-3815.2	7681	9.0	185404.0	-3810.5	7771	8.4	191155.5	-3823.1	7861	10.4	193500.1	-3839.1
7592	9.2	183926.3	-3823.4	7682	9.4	185405.0	-3827.6	7772	10.8	191213.0	-3811.3	7862	9.2	193530.6	-3831.6
7593	10.0	183929.3	-3855.4	7683	10.0	185433.8	-3854.6	7773	8.4	191216.4	-3858.5	7863	10.4	193543.6	-3807.7
7594	10.2	184020.3	-3835.1	7684	10.8	185442.8	-3834.2	7774	9.1	191221.5	-3838.2	7864	8.2	193606.6	-3808.3
7595	10.2	184025.8	-3811.3	7685	6.6	185445.8	-3825.8	7775	10.4	191223.0	-3819.0	7865	10.4	193652.3	-3815.2
7596	10.0	184029.3	-3837.9	7686	10.4	185502.8	-3856.9	7776	10.6	191231.5	-3836.1	7866	10.4	193700.8	-3855.1
7597	9.9	184032.3	-3837.3	7687	10.4	185514.2	-3832.6	7777	10.8	191251.0	-3810.3	7867	10.0	193701.3	-3845.2
7598	9.5	184048.8	-3819.1	7688	10.8	185518.3	-3853.5	7778	9.0	191258.0	-3841.6	7868	9.9	193703.8	-3846.6
7599	10.0	184054.3	-3818.4	7689	10.8	185519.3	-3805.2	7779	9.2	191325.5	-3812.4	7869	10.4	193708.3	-3851.3
7600	10.2	184057.3	-3815.0	7690	10.8	185522.3	-3834.6	7780	10.4	191340.0	-3807.0	7870	10.4	193719.8	-3834.2
7601	10.2	184128.3	-3848.4	7691	8.7	185527.3	-3814.7	7781	10.2	191350.0	-3847.8	7871	9.9	193725.1	-3802.2
7602	10.0	184209.3	-3846.1	7692	10.4	185528.3	-3836.1	7782	10.8	191402.0	-3813.9	7872	10.4	193811.8	-3815.3
7603	9.2	184229.3	-3813.4	7693	10.8	185556.8	-3837.4	7783	10.8	191407.0	-3817.8	7873	10.3	193824.8	-3848.3
7604	8.8	184229.3	-3831.6	7694	9.0	185611.9	-3817.9	7784	10.2	191422.0	-3819.6	7874	10.3	193924.6	-3812.1
7605	9.8	184233.3	-3827.1	7695	10.0	185621.9	-3804.7	7785	10.0	191435.5	-3848.1	7875	9.9	193927.1	-3813.6
7606	9.5	184234.8	-3817.6	7696	10.8	185627.7	-3821.5	7786	9.8	191446.5	-3840.8	7876	9.2	193953.6	-3809.2
7607	10.2	184246.8	-3825.0	7697	7.4	185629.4	-3808.6	7787	9.6	191510.0	-3830.9	7877	9.8	194018.1	-3817.9
7608	8.0	184255.3	-3859.6	7698	10.6	185633.9	-3833.8	7788	10.4	191514.0	-3804.5	7878	10.4	194048.6	-3812.5
7609	10.2	184305.1	-3816.1	7699	10.0	185639.4	-3805.8	7789	10.8	191519.5	-3838.1	7879	7.8	194113.6	-3805.2
7610	10.2	184307.1	-3833.4	7700	10.8	185641.4	-3834.1	7790	10.8	191521.2	-3830.4	7880	10.2	194149.3	-3833.0
7611	10.2	184327.3	-3805.1	7701	10.0	185658.9	-3849.2	7791	10.8	191524.0	-3804.3	7881	9.2	194221.8	-3852.6
7612	9.9	184340.3	-3850.6	7702	10.8	185705.4	-3806.6	7792	9.8	191541.5	-3818.2	7882	9.8	194251.3	-3836.3
7613	8.6	184345.3	-3805.6	7703	9.0	185709.4	-3805.0	7793	9.4	191544.0	-3830.5	7883	8.6	194335.3	-3843.1
7614	10.0	184354.3	-3813.4	7704	10.8	185715.9	-3843.7	7794	9.8	191546.5	-3827.2	7884	10.4	194355.3	-3858.4
7615	8.4	184402.3	-3844.4	7705	8.8	185736.9	-3819.1	7795	10.0	191546.5	-3854.7	7885	10.4	194407.3	-3828.4
7616	10.2	184409.3	-3814.4	7706	9.5	185743.4	-3841.8	7796	9.5	191551.0	-3835.7	7886	10.4	194421.3	-3839.3
7617	9.4	184441.8	-3819.8	7707	9.2	185800.4	-3818.7	7797	10.8	191557.0	-3847.5	7887	10.3	194429.3	-3824.2
7618	10.2	184448.3	-3828.4	7708	10.0	185800.9	-3859.9	7798	10.8	191558.0	-3801.6	7888	10.4	194455.8	-3842.3
7619	10.2	184500.2	-3814.1	7709	10.8	185820.4	-3829.0	7799	10.4	191600.0	-3833.0	7889	10.4	194458.0	-3849.1
7620	9.7	184501.2	-3803.2	7710	10.8	185822.9	-3812.5	7800	10.8	191618.0	-3827.9	7890	10.4	194507.0	-3857.7
7621	10.2	184508.9	-3859.3	7711	9.2	185837.2	-3801.6	7801	10.4	191621.0	-3857.1	7891	8.8	194520.0	-3854.5
7622	9.8	184518.2	-3807.5	7712	10.8	185849.9	-3808.1	7802	10.2	191645.0	-3822.7	7892	10.0	194524.0	-3811.3
7623	10.0	184526.2	-3829.1	7713	10.8	185854.6	-3858.9	7803	9.4	191700.0	-3830.5	7893	10.4	194533.0	-3829.7
7624	9.2	184526.2	-3828.4	7714	9.6	185922.4	-3836.5	7804	10.2	191713.5	-3828.1	7894	11.0	194741.8	-3807.9
7625	10.2	184526.2	-3823.7	7715	10.2	185932.9	-3827.1	7805	10.0	191715.5	-3808.2	7895	8.4	194744.8	-3834.9
7626	10.2	184600.7	-3825.4	7716	10.0	185933.6	-3856.6	7806	10.0	191719.5	-3851.2	7896	7.3	194748.8	-3839.2
7627	9.9	184607.2	-3848.3	7717	10.4	185959.9	-3846.7	7807	10.8	191723.8	-3859.3	7897	10.2	194758.8	-3858.6
7628	10.2	184616.7	-3838.4	7718	10.0	190007.8	-3814.2	7808	10.4	191743.3	-3854.1	7898	11.0	194823.3	-3847.6
7629	10.2	184629.5	-3800.9	7719	10.8	190008.8	-3814.6	7809	10.8	191746.3	-3846.2	7899	9.4	194826.6	-3826.9
7630	10.2	184639.2	-3836.0	7720	9.6	190018.8	-3821.5	7810	10.8	191748.8	-3825.0	7900	10.2	194839.6	-3817.5
7631	10.2	184639.7	-3835.5	7721	10.8	190025.8	-3853.3	7811	9.0	191756.8	-3828.6	7901	10.6	194843.1	-3838.4
7632	8.0	184640.7	-3843.8	7722	9.1	190046.8	-3827.3	7812	9.6	191757.8	-3839.2	7902	7.1	194918.6	-3804.6
7633	10.2	184702.9	-3859.0	7723	4.5	190058.3	-3805.7	7813	10.8	191800.3	-3835.2	7903	6.3	194920.6	-3823.2
7634	10.2	184707.7	-3851.0	7724	10.8	190111.8	-3843.7	7814	10.0	191808.8	-3848.6	7904	11.0	194936.6	-3810.3
7635	10.2	184720.2	-3852.5	7725	10.2	190126.8	-3819.7	7815	9.4	191810.8	-3802.2	7905	9.8	194946.6	-3808.9
7636	10.2	184730.7	-3826.6	7726	10.4	190147.8	-3853.5	7816	10.8	191813.8	-3836.8	7906	10.8	195019.6	-3843.0
7637	9.2	184731.7	-3815.9	7727	10.8	190200.6	-3826.1	7817	10.4	191836.8	-3841.0	7907	10.8	195021.8	-3859.2
7638	9.9	184748.2	-3824.7	7728	9.4	190209.8	-3837.9	7818	9.8	191907.8	-3830.0	7908	10.8	195044.1	-3834.3
7639	9.8	184759.2	-3833.9	7729	10.2	190219.3	-3820.2	7819	10.0	191908.3	-3829.8	7909	8.0	195045.6	-3810.4
7640	10.2	184801.7	-3859.9	7730	10.2	190219.3	-3840.4	7820	9.2	191929.2	-3833.7	7910	10.2	195053.6	-3858.6
7641	10.2	184810.2	-3828.8	7731	10.8	190227.6	-3810.5	7821	10.2	191948.8	-3848.4	7911	9.2	195115.6	-3832.9
7642	10.2	184811.2	-3833.6	7732	10.2	190253.8	-3833.8	7822	9.2	191954.3	-3837.2	7912	10.8	195121.6	-3808.0
7643	8.2	184812.7	-3852.7	7733	8.8	190256.8	-3826.6	7823	10.8	192019.8	-3830.6	7913	9.8	195141.6	-3833.1
7644	8.4	184821.7	-3801.1	7734	10.8	190310.6	-3824.3	7824	9.4	192027.4	-3815.4	7914	11.0	195151.6	-3812.0
7645	10.2	184841.2	-3809.4	7735	9.6	190314.3	-3815.5	7825	10.8	192032.3	-3823.4	7915	6.6	195158.6	-3802.4
7646	9.4	184842.2	-3857.7	7736	10.8	190329.3	-3815.9	7826	9.8	192042.3	-3813.2	7916	10.8	195206.9	-3804.1
7647	9.5	184857.2	-3847.7	7737	10.8	190333.8	-3829.2	7827	9.6	192132.0	-3849.3	7917	11.0	195207.9	-3824.1
7648	10.0	184857.7	-3833.3	7738	9.0	190408.3	-3858.8	7828	10.4	192138.5	-3856.2	7918	11.0	195212.4	-3840.3
7649	10.2	184915.2	-3827.2	7739	10.2	190411.2	-3810.4	7829	10.4	192211.5	-3813.3	7919	7.5	195250.4	-3855.6

-38 7920 19h53m

-38 8279 21h28m

7920	10.4	195305.9	-3822.1	8010	11.0	201126.8	-3802.2	8100	9.8	203745.8	-3810.8
7921	9.4	195314.4	-3822.0	8011	11.0	201145.1	-3830.0	8101	10.2	203754.8	-3843.0
7922	8.6	195316.9	-3845.4	8012	10.2	201151.1	-3848.8	8102	9.6	203758.8	-3829.4
7923	10.4	195323.9	-3834.1	8013	9.6	201238.1	-3805.3	8103	9.8	203758.8	-3804.7
7924	9.8	195339.9	-3836.1	8014	8.2	201242.4	-3806.3	8104	9.2	203803.8	-3822.0
7925	9.1	195407.4	-3824.8	8015	9.6	201312.1	-3852.3	8105	10.0	203809.3	-3811.4
7926	11.0	195410.4	-3809.4	8016	10.0	201342.6	-3809.1	8106	9.0	203818.8	-3858.0
7927	10.8	195450.4	-3847.7	8017	9.6	201348.8	-3828.4	8107	10.4	203825.3	-3851.9
7928	6.5	195515.4	-3816.9	8018	9.0	201407.6	-3811.6	8108	10.4	203923.8	-3818.5
7929	11.0	195520.4	-3827.3	8019	10.0	201436.6	-3842.6	8109	10.2	203930.0	-3836.1
7930	6.8	195544.4	-3812.7	8020	10.2	201521.6	-3830.6	8110	10.9	204001.6	-3856.2
7931	11.0	195550.6	-3856.1	8021	9.6	201539.9	-3802.0	8111	10.9	204008.9	-3800.9
7932	11.0	195552.1	-3803.4	8022	10.4	201610.1	-3826.0	8112	10.9	204025.7	-3827.9
7933	11.0	195554.1	-3807.5	8023	10.0	201656.1	-3822.8	8113	10.9	204028.6	-3825.5
7934	10.2	195611.6	-3845.8	8024	10.4	201732.6	-3854.9	8114	10.0	204059.6	-3837.4
7935	11.0	195619.1	-3835.7	8025	9.6	201938.1	-3809.2	8115	9.6	204141.6	-3807.1
7936	9.8	195628.1	-3817.1	8026	8.6	201948.1	-3847.7	8116	9.2	204209.6	-3842.2
7937	9.4	195700.6	-3815.2	8027	8.3	201955.1	-3831.3	8117	10.9	204217.6	-3803.0
7938	9.1	195710.1	-3827.1	8028	10.4	202000.1	-3851.9	8118	10.9	204217.6	-3836.0
7939	11.0	195722.1	-3844.7	8029	9.2	202003.1	-3824.5	8119	10.1	204229.6	-3812.9
7940	7.7	195724.6	-3803.9	8030	8.2	202023.6	-3802.4	8120	10.9	204245.6	-3846.0
7941	11.0	195739.6	-3828.5	8031	9.0	202029.3	-3854.9	8121	6.4	204259.6	-3822.6
7942	11.0	195740.1	-3854.0	8032	9.4	202101.8	-3849.0	8122	10.0	204304.6	-3820.5
7943	8.2	195805.1	-3850.5	8033	10.4	202124.8	-3814.2	8123	10.0	204307.6	-3845.2
7944	11.0	195816.6	-3810.7	8034	9.8	202204.8	-3812.5	8124	7.9	204310.6	-3843.9
7945	10.2	195821.6	-3818.7	8035	10.4	202229.4	-3800.0	8125	9.0	204312.6	-3853.3
7946	10.0	195832.1	-3815.9	8036	8.2	202233.5	-3859.7	8126	10.6	204353.6	-3829.1
7947	10.4	195905.6	-3823.5	8037	8.0	202238.8	-3808.9	8127	8.0	204401.8	-3837.8
7948	10.4	195910.1	-3853.2	8038	10.4	202324.8	-3803.4	8128	9.6	204405.6	-3850.7
7949	10.6	195941.6	-3818.1	8039	8.2	202332.3	-3820.5	8129	10.6	204419.6	-3843.3
7950	10.4	200006.6	-3816.9	8040	10.0	202411.8	-3850.6	8130	10.9	204433.6	-3838.4
7951	11.0	200009.1	-3827.7	8041	9.4	202412.3	-3842.2	8131	10.5	204501.6	-3853.2
7952	11.0	200020.1	-3818.8	8042	10.4	202415.8	-3856.1	8132	9.4	204504.6	-3821.1
7953	9.6	200032.1	-3802.6	8043	10.3	202449.8	-3848.2	8133	9.5	204540.6	-3816.4
7954	11.0	200048.1	-3839.1	8044	10.4	202457.8	-3810.4	8134	10.2	204614.6	-3823.8
7955	9.8	200050.1	-3858.2	8045	10.3	202505.3	-3854.6	8135	10.9	204639.6	-3850.4
7956	7.8	200053.8	-3839.8	8046	9.2	202506.8	-3843.7	8136	10.9	204701.1	-3814.8
7957	11.0	200057.0	-3859.7	8047	9.9	202516.6	-3801.8	8137	10.9	204704.6	-3832.0
7958	10.6	200113.3	-3843.2	8048	9.0	202534.4	-3856.9	8138	10.5	204800.6	-3841.6
7959	11.0	200129.0	-3820.1	8049	8.8	202548.4	-3828.0	8139	10.8	204809.4	-3856.2
7960	10.6	200133.3	-3809.9	8050	10.4	202628.6	-3859.8	8140	10.6	204824.4	-3806.3
7961	10.4	200139.8	-3810.0	8051	7.2	202646.4	-3830.9	8141	10.9	204839.4	-3821.4
7962	8.5	200149.8	-3855.8	8052	9.4	202650.4	-3816.9	8142	9.4	204849.1	-3857.0
7963	11.0	200153.8	-3826.8	8053	8.8	202659.4	-3831.0	8143	9.5	204901.9	-3815.8
7964	11.0	200204.8	-3809.0	8054	9.6	202704.4	-3827.7	8144	9.2	204911.4	-3826.3
7965	10.2	200221.8	-3858.4	8055	9.5	202726.9	-3816.1	8145	9.4	204913.4	-3852.9
7966	11.0	200222.8	-3806.1	8056	10.4	202737.6	-3811.4	8146	10.8	204914.4	-3811.3
7967	10.2	200233.8	-3810.9	8057	9.6	202759.9	-3815.1	8147	9.4	204939.4	-3813.5
7968	9.6	200236.8	-3844.9	8058	10.3	202800.4	-3839.7	8148	8.4	204951.9	-3811.8
7969	9.8	200237.8	-3832.7	8059	9.6	202807.4	-3814.0	8149	10.9	205001.4	-3821.2
7970	9.6	200239.8	-3836.3	8060	10.0	202810.4	-3850.6	8150	10.9	205005.4	-3836.8
7971	10.8	200252.6	-3801.8	8061	8.6	202814.4	-3808.4	8151	9.8	205018.9	-3805.2
7972	10.2	200304.8	-3806.1	8062	9.6	202828.4	-3827.2	8152	8.8	205025.9	-3803.3
7973	10.6	200309.3	-3805.9	8063	10.4	202837.9	-3850.8	8153	10.5	205027.4	-3827.5
7974	10.6	200337.8	-3852.2	8064	9.9	202856.9	-3808.1	8154	9.5	205041.4	-3805.0
7975	10.6	200344.3	-3856.0	8065	10.0	202919.4	-3829.1	8155	10.5	205106.9	-3828.4
7976	10.2	200348.8	-3812.9	8066	9.6	202922.4	-3808.0	8156	10.2	205114.4	-3806.9
7977	10.2	200349.8	-3819.5	8067	9.5	202939.4	-3802.2	8157	9.0	205114.4	-3848.9
7978	9.8	200401.8	-3848.2	8068	10.3	203002.4	-3832.9	8158	10.6	205117.4	-3827.7
7979	9.4	200509.4	-3843.7	8069	10.4	203034.4	-3808.9	8159	10.8	205119.4	-3847.3
7980	9.4	200509.4	-3853.6	8070	9.8	203039.4	-3852.9	8160	9.6	205152.4	-3806.6
7981	11.0	200513.4	-3828.3	8071	9.9	203056.4	-3845.5	8161	9.0	205154.9	-3851.4
7982	7.4	200516.4	-3848.9	8072	9.4	203119.4	-3831.2	8162	9.4	205217.4	-3844.1
7983	9.6	200517.4	-3817.1	8073	10.2	203134.1	-3813.3	8163	10.2	205245.9	-3833.0
7984	11.0	200521.4	-3824.8	8074	10.0	203134.1	-3814.0	8164	9.6	205301.4	-3800.8
7985	11.0	200531.4	-3807.9	8075	8.4	203209.1	-3801.3	8165	10.6	205304.4	-3801.9
7986	8.4	200554.9	-3834.3	8076	9.5	203211.1	-3849.3	8166	10.9	205346.4	-3855.2
7987	11.0	200559.4	-3839.7	8077	10.4	203223.6	-3836.1	8167	9.0	205359.4	-3821.9
7988	10.6	200602.9	-3820.1	8078	9.6	203323.1	-3827.2	8168	10.9	205403.9	-3827.8
7989	10.4	200739.4	-3821.2	8079	9.4	203327.6	-3857.1	8169	9.0	205403.9	-3840.5
7990	10.4	200753.4	-3803.7	8080	8.8	203331.6	-3814.1	8170	9.2	205416.4	-3811.2
7991	10.6	200811.9	-3814.6	8081	10.0	203410.6	-3800.1	8171	9.7	205447.6	-3857.6
7992	11.0	200829.4	-3812.6	8082	10.4	203414.2	-3835.0	8172	9.2	205522.4	-3833.8
7993	9.2	200833.9	-3845.3	8083	10.2	203454.1	-3843.4	8173	10.1	205525.9	-3816.9
7994	11.0	200851.4	-3825.4	8084	9.4	203523.1	-3811.4	8174	10.1	205541.4	-3846.1
7995	11.0	200856.7	-3802.6	8085	8.6	203529.1	-3845.0	8175	10.9	205554.4	-3812.4
7996	10.0	200904.3	-3800.7	8086	10.4	203537.6	-3854.1	8176	9.0	205554.4	-3844.1
7997	11.0	200904.4	-3825.9	8087	10.4	203539.1	-3812.1	8177	8.4	205613.6	-3801.3
7998	11.0	200916.4	-3835.2	8088	10.2	203541.1	-3816.7	8178	10.9	205644.9	-3852.8
7999	11.0	200918.4	-3809.7	8089	10.0	203549.1	-3854.9	8179	10.9	205704.0	-3855.6
8000	10.6	200947.4	-3850.3	8090	9.4	203600.8	-3844.6	8180	10.1	205736.0	-3824.2
8001	9.4	200949.1	-3810.5	8091	9.9	203641.8	-3804.7	8181	9.6	205754.9	-3800.3
8002	10.2	200949.4	-3809.8	8092	10.2	203702.8	-3822.8	8182	9.0	205809.5	-3843.1
8003	9.4	201019.1	-3826.7	8093	10.0	203713.3	-3852.8	8183	8.0	205827.0	-3805.1
8004	9.8	201022.1	-3828.6	8094	9.2	203721.8	-3802.3	8184	9.6	205830.0	-3805.6
8005	10.0	201052.1	-3835.5	8095	9.2	203723.3	-3831.0	8185	10.9	205831.5	-3825.2
8006	10.8	201053.1	-3811.1	8096	10.4	203723.8	-3846.8	8186	9.2	205844.0	-3803.8
8007	10.4	201115.1	-3835.8	8097	9.4	203734.3	-3817.8	8187	10.9	205851.5	-3835.0
8008	11.0	201117.1	-3843.5	8098	10.2	203738.8	-3803.4	8188	10.8	205909.0	-3825.1
8009	11.0	201120.1	-3837.1	8099	9.9	203738.8	-3803.7	8189	10.4	205914.0	-3834.1
8190	10.4	205915.0	-3801.2								
8191	8.6	205919.0	-3832.8								
8192	9.6	205957.0	-3831.6								
8193	9.6	210007.0	-3820.1								
8194	8.6	210008.0	-3848.0								
8195	9.2	210024.2	-3859.0								
8196	10.8	210032.5	-3849.0								
8197	10.0	210039.0	-3846.5								
8198	10.9	210108.0	-3838.5								
8199	10.9	210109.0	-3837.4								
8200	7.7	210122.5	-3826.2								
8201	10.5	210126.0	-3809.9								
8202	10.1	210128.5	-3856.1								
8203	9.7	210129.0	-3817.8								
8204	9.7	210207.0	-3854.1								
8205	10.9	210224.0	-3813.4								
8206	10.6	210238.3	-3846.4								
8207	10.4	210308.8	-3823.8								
8208	10.1	210316.8	-3811.0								
8209	10.6	210318.8	-3810.6								
8210	10.9	210323.8	-3810.0								
8211	8.6	210343.8	-3828.0								
8212	9.2	210344.6	-3802.9								
8213	9.4	210401.8	-3808.6								
8214	9.0	210409.8	-3841.0								
8215	10.0	210428.8	-3832.8								
8216	10.4	210446.3	-3859.2								
8217	9.5	210500.8	-3849.6								
8218	10.8	210501.3	-3813.0								
8219	10.9	210512.8	-3806.4								
8220	10.9	210604.8	-3837.8								
8221	10.3	210634.0	-3810.4								
8222	9.4	210709.3	-3857.1								
8223	10.4	210717.5	-3852.8								
8224	9.2	210833.5	-3820.0								
8225	9.4	210936.5	-3818.8								
8226	10.4	211005.5	-3817.2								
8227	8.8	211013.0	-3855.4								
8228	9.8	211055.1	-3821.4								
8229	9.4	211151.1	-3852.2								
8230	10.4	211207.1	-3850.0								
8231	9.8	211225.1	-3846.1								
8232	9.4	211230.6	-3855.9								
8233	10.4	211232.6	-3826.0								
8234	10.4	211232.6	-3833.7								
8235	10.4	211250.6	-3842.9								
8236	8.0	211331.1	-3842.3								
8237	10.2	211348.3	-3805.3								
8238	8.6	211411.8	-3805.0								
8239	9.6	211418.3	-3849.6								
8240	9.8	211430.3	-3857.7								
8241	9.4	211449.8	-3844.1								
8242	10.3	211501.8	-3801.1								
8243	7.4	211546.3	-3815.6								
8244	9.4	211550.3	-3805.9								
8245	9.2	211640.3	-3822.9								
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8249	10.4	211726.1	-3812.4								
8250	9.2	211832.1	-3833.3								
8251	6.6	211834.1	-3821.9								
8252	10.4	211920.1	-3814.4								
8253	10.4	211928.1	-3851.0								
8254	10.4	211938.9	-3847.2								
8255	8.5	211956.9	-3848.8								
8256	10.4	212016.4	-3821.4								
8257	10.4	212022.4	-3820.0								
8258	9.8	212049.9	-3818.0								
8259	7.7	212144.2	-3837.7								
8260	10.4	212151.5	-3822.4								
8261	8.0	212151.7	-3853.6								
8262	7.6	212204.7	-3814.1								
8263	10.2	212211.7	-3806.9								
8264	10.4	212237.2	-3813.0								
8265	10.2	212345.2	-3852.5								
8266	10.4	212401.2	-3855.4								
8267	8.5	212418.7	-3819.0								
8268	10.3	212543.2	-3835.0								
8269	9.0	212550.7	-3826.2								
8270	9.8	212600.7	-3835.1								
8271	8.8	212601.7	-3803.8								
8272	9.2	212610.2	-3839.6								
8273	10.4	212721.2	-3801.3								
8274	9.6	212748.2	-3828.4								
8275	9.8	212752.2	-3835.5								
8276	9.4	212759.7	-3821.9								
8277	10.3	212806.2	-3813.9								
8278	9.8	212814.4	-3857.7								
8279	10.4	212827.7	-3854.0								

-38 8280 21h28m

-39 36 0h29m

8280	10.4	212845.7	-3853.3	8370	8.6	220508.1	-3854.8	8460	9.5	224806.8	-3854.4	8550	10.0	232910.7	-3838.0
8281	8.8	212845.7	-3828.2	8371	10.2	220510.1	-3803.9	8461	9.2	224819.8	-3842.2	8551	10.0	233035.1	-3801.2
8282	8.8	213008.2	-3815.6	8372	7.6	220600.1	-3806.1	8462	10.4	224840.3	-3824.3	8552	8.4	233059.3	-3821.5
8283	10.4	213028.8	-3849.1	8373	9.1	220702.6	-3824.5	8463	8.1	224908.8	-3844.6	8553	9.2	233321.0	-3856.7
8284	10.4	213034.3	-3803.9	8374	9.8	220730.1	-3846.7	8464	9.6	224920.8	-3825.5	8554	10.0	233346.3	-3825.3
8285	10.0	213109.0	-3858.9	8375	9.5	220810.1	-3838.5	8465	10.2	224956.8	-3851.3	8555	9.8	233405.8	-3844.7
8286	10.4	213120.8	-3830.9	8376	9.3	220840.6	-3832.8	8466	7.4	225050.8	-3836.1	8556	8.0	233424.0	-3833.5
8287	8.6	213143.3	-3811.4	8377	10.0	220942.9	-3857.7	8467	9.5	225058.8	-3845.9	8557	8.0	233500.3	-3807.5
8288	9.2	213201.8	-3811.9	8378	9.8	220952.1	-3802.0	8468	10.1	225118.3	-3826.3	8558	10.0	233520.3	-3820.7
8289	10.3	213212.8	-3833.1	8379	9.4	221014.1	-3824.7	8469	10.0	225118.8	-3856.3	8559	8.9	233633.6	-3806.0
8290	9.2	213244.8	-3817.5	8380	10.2	221029.6	-3830.3	8470	10.1	225125.3	-3812.1	8560	10.0	233721.0	-3800.6
8291	9.8	213302.8	-3810.1	8381	10.2	221037.1	-3823.1	8471	9.7	225132.3	-3808.5	8561	10.0	233807.4	-3844.7
8292	10.2	213335.3	-3849.8	8382	10.2	221122.8	-3802.4	8472	10.4	225332.6	-3811.4	8562	10.0	233832.4	-3840.6
8293	10.2	213339.6	-3859.0	8383	10.0	221315.1	-3833.7	8473	8.4	225401.9	-3801.8	8563	10.0	233919.1	-3824.3
8294	10.2	213354.8	-3818.9	8384	9.8	221333.1	-3859.3	8474	9.4	225407.4	-3839.4	8564	7.8	233925.9	-3840.2
8295	10.2	213409.3	-3831.6	8385	9.5	221438.1	-3816.8	8475	9.5	225410.4	-3825.6	8565	10.0	234029.9	-3846.8
8296	9.0	213423.8	-3815.6	8386	9.8	221442.1	-3816.9	8476	9.1	225418.4	-3819.0	8566	7.4	234057.5	-3851.0
8297	7.3	213449.3	-3829.9	8387	10.2	221459.6	-3849.6	8477	9.6	225441.4	-3855.2	8567	8.4	234138.9	-3843.0
8298	9.2	213557.3	-3842.8	8388	9.1	221503.6	-3803.8	8478	10.3	225627.4	-3857.7	8568	10.0	234151.4	-3806.6
8299	9.6	213603.8	-3843.7	8389	9.8	221518.1	-3820.3	8479	10.3	225706.9	-3812.0	8569	9.2	234331.4	-3840.3
8300	8.9	213628.3	-3836.2	8390	9.1	221556.7	-3836.9	8480	8.8	225811.4	-3846.3	8570	8.0	234333.2	-3801.5
8301	9.8	213628.8	-3848.3	8391	10.2	221559.2	-3822.6	8481	10.3	225836.4	-3839.4	8571	8.2	234444.1	-3858.9
8302	10.4	213654.3	-3812.7	8392	9.0	221619.7	-3857.9	8482	9.4	225846.9	-3852.7	8572	10.0	234536.1	-3805.1
8303	10.2	213711.8	-3815.8	8393	9.4	221621.7	-3833.3	8483	10.2	225937.9	-3848.9	8573	10.0	234607.0	-3838.9
8304	10.4	213726.8	-3821.3	8394	8.6	221719.7	-3850.5	8484	9.5	230021.4	-3846.9	8574	10.2	234630.5	-3848.9
8305	10.4	213754.3	-3814.1	8395	9.5	221741.7	-3843.6	8485	10.0	230035.4	-3829.3	8575	9.4	234725.2	-3813.7
8306	9.8	213823.3	-3854.3	8396	8.0	221747.7	-3827.6	8486	10.2	230039.9	-3825.2	8576	7.5	234726.2	-3806.2
8307	9.6	213936.8	-3802.0	8397	9.4	221754.2	-3823.0	8487	10.0	230052.4	-3824.0	8577	9.1	234735.5	-3809.3
8308	9.7	213951.8	-3802.7	8398	10.0	221821.7	-3812.0	8488	8.8	230056.3	-3801.4	8578	9.8	234809.5	-3819.2
8309	10.2	213951.8	-3829.8	8399	10.0	221839.7	-3847.8	8489	9.6	230118.9	-3844.7	8579	8.8	234818.5	-3847.3
8310	7.4	213956.8	-3831.6	8400	10.0	221939.7	-3825.4	8490	8.8	230141.9	-3830.6	8580	10.2	234820.5	-3803.8
8311	10.2	214013.3	-3859.6	8401	8.6	222011.7	-3818.7	8491	10.3	230305.4	-3849.9	8581	7.1	234836.6	-3803.6
8312	9.1	214040.8	-3816.0	8402	8.8	222018.2	-3848.3	8492	9.6	230313.9	-3827.2	8582	10.2	234844.5	-3830.6
8313	8.8	214041.3	-3857.0	8403	10.2	222019.7	-3843.0	8493	10.2	230327.9	-3805.2	8583	8.2	234911.5	-3845.8
8314	8.8	214103.8	-3822.0	8404	9.8	222102.2	-3811.7	8494	10.2	230329.4	-3839.5	8584	9.1	234940.0	-3820.4
8315	10.0	214149.3	-3840.5	8405	8.8	222309.7	-3802.2	8495	10.0	230607.9	-3837.3	8585	9.6	234953.3	-3858.7
8316	9.6	214203.3	-3837.6	8406	10.0	222427.7	-3842.6	8496	9.4	230639.9	-3840.0	8586	9.4	235125.1	-3809.2
8317	10.2	214209.8	-3825.1	8407	9.8	222450.7	-3846.7	8497	10.3	230709.9	-3847.6	8587	9.8	235127.1	-3834.0
8318	9.6	214216.8	-3824.7	8408	8.8	222551.7	-3840.7	8498	10.2	230803.4	-3847.9	8588	8.4	235152.1	-3815.2
8319	9.6	214233.6	-3848.7	8409	8.9	222559.2	-3858.9	8499	9.6	230804.9	-3857.3	8589	8.1	235158.6	-3807.8
8320	9.8	214244.3	-3801.8	8410	9.5	222613.2	-3850.2	8500	10.0	230805.4	-3830.7	8590	7.3	235215.1	-3855.4
8321	10.4	214246.3	-3853.5	8411	9.5	222628.2	-3854.1	8501	10.3	230835.9	-3823.3	8591	10.2	235247.6	-3807.5
8322	10.4	214315.3	-3831.6	8412	8.9	222633.8	-3847.0	8502	10.3	230929.4	-3831.6	8592	9.8	235248.6	-3822.7
8323	8.4	214329.3	-3820.6	8413	10.2	222639.2	-3837.0	8503	9.1	230942.4	-3813.4	8593	9.2	235322.6	-3833.2
8324	10.2	214421.0	-3836.1	8414	9.7	222709.4	-3859.5	8504	10.2	230945.9	-3804.0	8594	9.4	235409.1	-3803.6
8325	9.1	214512.5	-3845.6	8415	8.8	222729.4	-3804.8	8505	10.3	230958.9	-3855.3	8595	8.8	235501.6	-3831.4
8326	9.7	214520.0	-3822.0	8416	10.2	222748.4	-3828.3	8506	10.2	231027.9	-3811.7	8596	7.5	235533.8	-3835.8
8327	8.9	214638.0	-3837.5	8417	10.4	222804.6	-3839.0	8507	10.3	231112.4	-3832.2	8597	9.2	235614.5	-3838.6
8328	10.4	214650.5	-3834.1	8418	9.2	222832.1	-3854.3	8508	10.3	231126.9	-3838.7	8598	9.1	235631.3	-3801.8
8329	8.4	214704.0	-3801.1	8419	10.0	222832.6	-3805.1	8509	10.0	231136.9	-3827.3	8599	9.6	235659.8	-3840.0
8330	9.7	214742.5	-3833.6	8420	10.1	222859.1	-3814.8	8510	10.2	231142.4	-3823.1	8600	10.1	235726.9	-3858.6
8331	9.7	214744.0	-3829.9	8421	8.4	222931.6	-3838.7	8511	10.3	231149.9	-3830.1	8601	10.1	235819.8	-3847.8
8332	10.2	214747.5	-3850.2	8422	10.0	222942.6	-3853.2	8512	10.0	231233.4	-3809.8	8602	8.0	235904.4	-3800.0
8333	10.2	214813.0	-3850.5	8423	10.1	223005.6	-3858.2	8513	9.6	231253.3	-3810.8	8603	10.2	235908.1	-3811.4
8334	10.4	214851.0	-3809.3	8424	10.2	223009.1	-3838.1	8514	10.2	231310.3	-3822.8	1	7.5	00031.1	-3934.4
8335	6.5	214929.5	-3820.3	8425	10.4	223029.1	-3834.2	8515	9.8	231327.8	-3824.8	2	10.2	00038.6	-3955.6
8336	8.0	214929.5	-3815.1	8426	10.2	223037.1	-3832.2	8516	8.8	231332.4	-3800.3	3	8.5	00115.6	-3922.9
8337	7.6	214947.0	-3821.1	8427	9.6	223109.1	-3818.4	8517	10.3	231353.8	-3813.2	4	10.2	00226.3	-3958.7
8338	9.6	214950.0	-3816.3	8428	9.7	223311.1	-3800.1	8518	8.7	231409.3	-3822.2	5	8.4	00425.1	-3927.7
8339	10.2	215001.5	-3843.6	8429	9.7	223405.1	-3852.8	8519	10.2	231420.8	-3853.8	6	9.8	00516.4	-3955.4
8340	9.1	215006.5	-3855.1	8430	9.7	223418.6	-3841.1	8520	10.3	231447.8	-3851.0	7	9.8	00550.1	-3923.3
8341	10.4	215012.0	-3820.7	8431	10.0	223421.1	-3850.0	8521	10.0	231455.3	-3839.2	8	9.0	01017.6	-3931.6
8342	8.6	215051.0	-3844.0	8432	8.8	223439.1	-3842.9	8522	10.2	231610.8	-3802.8	9	10.2	01030.1	-3911.6
8343	10.4	215110.0	-3824.9	8433	9.4	223459.1	-3844.2	8523	9.8	231621.3	-3858.0	10	10.2	01100.1	-3943.4
8344	10.4	215115.0	-3853.3	8434	10.0	223539.1	-3841.8	8524	9.5	231627.8	-3811.8	11	7.2	01441.1	-3956.0
8345	9.2	215119.0	-3820.0	8435	8.4	223554.6	-3819.4	8525	9.2	231631.3	-3845.6	12	9.7	01501.1	-3923.4
8346	6.8	215144.0	-3859.6	8436	8.4	223833.1	-3844.6	8526	10.3	231718.3	-3859.3	13	10.0	01540.6	-3949.4
8347	10.4	215215.1	-3829.0	8437	10.4	223838.8	-3859.2	8527	10.2	231737.3	-3815.0	14	9.0	01548.6	-3923.4
8348	10.2	215355.6	-3855.9	8438	10.5	223841.1	-3808.7	8528	9.0	231808.8	-3850.8	15	8.0	01556.1	-3904.7
8349	8.8	215426.1	-3832.6	8439	10.4	223845.8	-3858.0	8529	10.3	231833.3	-3833.5	16	6.7	01634.2	-3957.4
8350	9.0	215517.1	-3834.0	8440	9.4	223945.6	-3809.8	8530	10.3	231844.9	-3800.9	17	7.4	01910.6	-3957.1
8351	10.4	215643.1	-3848.2	8441	9.2	224021.6	-3807.1	8531	8.8	231850.8	-3826.8	18	10.1	02056.6	-3902.1
8352	9.6	215659.6	-3839.9	8442	7.4	224040.1	-3852.7	8532	10.2	231921.3	-3814.8	19	10.1	02131.6	-3903.4
8353	10.4	215742.6	-3852.0	8443	7.8	224059.1	-3824.8	8533	9.0	231927.9	-3824.2	20	9.8	02405.2	-3902.3
8354	9.6	215834.1	-3814.2	8444	9.5	224104.6	-3842.4	8534	10.2	231933.3	-3811.0	21	10.0	02420.5	-3900.3
8355	10.0	215858.1	-3810.7	8445	7.6	224240.3	-3830.4	8535	10.0	231948.8	-3824.8	22	9.7	02444.6	-3914.3
8356	9.8	215859.3	-3854.6	8446	10.1	224248.8	-3854.8	8536	9.2	231952.8	-3816.4	23	9.2	02446.6	-3926.3
8357	10.2	215947.9	-3802.3	8447	10.2	224312.3	-3816.3	8537	10.2	232036.8	-3842.4	24	10.0	02538.6	-3944.2
8358	7.9	220119.1	-3841.4	8448	8.6	224323.3	-3806.8	8538	10.0	232039.7	-3857.8	25	9.6	02558.6	-3907.1
8359	8.6	220122.6	-3823.2	8449	9.2	224328.3	-3833.2	8539	8.9	232141.4	-3826.6	26	9.8	02602.1	-3908.0
8360	9.8	220125.2	-3802.3	8450	9.5	224347.8	-3812.6	8540	10.0	232209.0	-3805.1	27	10.1	02606.6	-3933.6
8361	10.0	220220.1	-3803.6	8451	10.0	224428.8	-3854.9	8541	8.8	232249.0	-3850.1	28	9.7	02630.1	-3949.8
8362	8.8	220302.1	-3847.3	8452	10.0	224529.8	-3835.2	8542	10.0	232331.5	-3826.5	29	10.1	02715.5	-3950.3
8363	7.1	220310.1	-3821.6	8453	9.4	224606.8	-3830.0	8543	4.8	232616.8	-3830.5	30	7.4	02730.6	-3922.4
8364	9.1	220315.1	-3847.1	8454	9.6	224612.8	-3838.4	8544	10.0	232729.2	-3859.3	31	8.0	02746.1	-3956.1
8365	9.4	220320.1	-3834.8	8455	9.0	224638.8	-3815.3	8545	10.0	232738.8	-3841.1	32	9.6	02810.1	-3946.9
8366	7.7	220400.1	-3839.7	8456	10.5	224656.3	-3845.2	8546	8.4	232758.2	-3857.5	33	9.8	02820.6	-3906.1
8367	9.4	220423.1	-3825.1	8457	10.1	224703.8	-3807.9	8547	9.4	232811.2	-3838.9	34	10.1	02830.5	-3924.6
8368	7.2	220436.6	-3855.3	8458	10.6	224728.8	-3807.6	8548	9.4	232822.2	-3846.7	35	9.4	02918.1	-3947.1
8369	9.8	220442.6	-3831.2	8459	9.5	224755.8	-3839.7	8549	9.8	232910.2	-3830.4	36	9.7	02935.6	-3937.1

37	8.6	02945.1 -3924.6	127	9.2	13014.3 -3953.2	217	9.2	23414.3 -3923.7	307	10.0	32246.4 -3929.9
38	10.1	03044.1 -3929.9	128	9.0	13016.3 -3915.6	218	9.7	23431.8 -3943.9	308	10.0	32258.9 -3938.4
39	9.9	03116.6 -3945.1	129	8.6	13018.8 -3911.7	219	9.6	23454.8 -3946.6	309	8.4	32325.4 -3914.4
40	10.1	03231.1 -3915.6	130	9.8	13038.3 -3913.8	220	9.0	23554.3 -3911.2	310	10.0	32426.9 -3948.6
41	10.1	03231.6 -3944.0	131	9.2	13111.3 -3949.9	221	8.3	23634.3 -3907.9	311	9.0	32451.4 -3933.7
42	7.7	03400.1 -3937.9	132	9.9	13206.3 -3952.7	222	9.7	23657.8 -3917.3	312	9.6	32556.9 -3925.5
43	8.4	03455.1 -3956.7	133	9.2	13249.4 -3902.5	223	9.7	23659.8 -3926.3	313	10.0	32611.4 -3916.1
44	9.3	03519.1 -3921.8	134	10.0	13319.1 -3904.1	224	8.2	23659.8 -3924.0	314	9.4	32615.2 -3958.9
45	10.1	03606.4 -3956.7	135	9.2	13458.0 -3925.4	225	9.6	23716.8 -3951.1	315	9.7	32655.4 -3951.2
46	6.4	03642.1 -3908.9	136	10.0	13506.0 -3932.8	226	9.6	23955.8 -3929.6	316	10.0	32740.4 -3920.5
47	9.9	03745.6 -3952.0	137	9.6	13634.0 -3954.4	227	9.3	24100.3 -3907.1	317	9.6	32751.4 -3954.6
48	10.0	03749.1 -3926.7	138	8.0	13636.5 -3946.8	228	9.6	24148.8 -3953.6	318	10.0	32806.9 -3904.7
49	6.8	03810.1 -3906.6	139	9.1	13636.5 -3922.2	229	9.7	24225.8 -3926.0	319	10.0	32810.4 -3938.5
50	9.8	04048.3 -3956.2	140	8.4	13805.5 -3907.6	230	9.7	24253.3 -3909.3	320	9.5	32957.9 -3923.7
51	8.8	04053.5 -3937.5	141	9.3	13821.0 -3921.4	231	9.2	24259.9 -3951.7	321	8.6	32957.9 -3949.8
52	8.7	04122.0 -3941.6	142	8.8	13916.0 -3920.1	232	9.2	24538.4 -3949.2	322	9.1	33041.4 -3905.8
53	10.1	04148.5 -3955.3	143	9.8	13944.5 -3909.9	233	8.8	24540.9 -3915.6	323	10.0	33121.4 -3953.7
54	9.2	04149.5 -3950.3	144	9.0	14012.0 -3911.0	234	9.7	24551.9 -3923.8	324	9.4	33143.9 -3901.3
55	8.7	04202.2 -3958.1	145	9.1	14025.0 -3915.7	235	8.6	24553.4 -3945.4	325	8.6	33209.4 -3947.8
56	8.7	04309.5 -3948.9	146	9.6	14206.1 -3952.6	236	9.2	24557.4 -3931.2	326	10.0	33228.9 -3914.7
57	10.1	04325.5 -3934.0	147	10.0	14235.6 -3920.4	237	9.4	24620.6 -3901.9	327	9.4	33232.9 -3924.1
58	9.4	04334.8 -3941.0	148	7.2	14317.6 -3916.6	238	9.7	24637.4 -3923.1	328	9.2	33235.4 -3903.1
59	10.2	04427.8 -3920.6	149	6.7	14425.3 -3902.1	239	8.8	24700.4 -3915.1	329	10.0	33316.4 -3916.5
60	10.2	04459.3 -3939.7	150	9.6	14430.6 -3933.6	240	9.6	24709.4 -3911.0	330	8.2	33326.4 -3911.0
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62	8.6	04540.3 -3910.2	152	10.0	14529.6 -3951.6	242	8.6	24809.4 -3903.9	332	9.8	33430.4 -3911.7
63	10.1	04600.3 -3924.6	153	8.0	14631.6 -3930.1	243	8.7	24950.9 -3947.1	333	8.6	33455.9 -3931.6
64	7.9	04718.3 -3923.6	154	8.5	14701.6 -3910.9	244	9.6	25053.9 -3906.6	334	9.6	33559.4 -3929.7
65	10.1	04725.8 -3947.2	155	7.8	14704.1 -3921.8	245	9.7	25054.2 -3928.7	335	9.4	33610.4 -3908.3
66	8.2	04730.3 -3944.8	156	6.9	14800.6 -3912.7	246	7.7	25059.2 -3909.3	336	10.0	33652.4 -3940.8
67	9.6	04919.3 -3953.5	157	9.4	14803.1 -3948.6	247	9.4	25107.2 -3943.4	337	9.8	33740.4 -3913.2
68	10.1	04951.3 -3900.3	158	8.6	15003.6 -3954.2	248	9.4	25137.2 -3923.9	338	9.2	33758.4 -3907.2
69	8.6	05006.8 -3947.0	159	9.8	15051.7 -3929.9	249	8.1	25143.5 -3956.9	339	10.0	33852.3 -3950.8
70	8.7	05048.8 -3906.8	160	9.4	15111.2 -3933.0	250	9.7	25200.2 -3906.3	340	9.4	33927.4 -3911.8
71	8.8	05050.8 -3936.5	161	10.0	15150.7 -3934.3	251	9.3	25210.9 -3913.6	341	9.0	34002.9 -3937.9
72	9.5	05109.3 -3924.3	162	9.8	15237.2 -3921.0	252	9.7	25211.4 -3945.6	342	7.5	34013.4 -3912.7
73	8.8	05138.3 -3948.7	163	8.4	15250.2 -3957.1	253	8.9	25341.9 -3948.6	343	9.8	34026.9 -3915.2
74	9.5	05504.3 -3909.9	164	9.4	15357.2 -3928.4	254	9.7	25358.3 -3933.0	344	10.0	34031.9 -3947.4
75	6.6	05528.3 -3935.4	165	9.0	15513.2 -3903.2	255	9.2	25400.9 -3920.8	345	9.7	34109.4 -3925.0
76	8.8	05607.3 -3944.9	166	10.0	15605.7 -3942.3	256	9.6	25413.9 -3959.4	346	10.0	34110.9 -3947.5
77	9.8	05619.3 -3942.2	167	8.0	15634.7 -3955.4	257	9.6	25435.1 -3929.4	347	9.1	34137.9 -3939.8
78	10.1	05700.3 -3933.9	168	8.3	15635.7 -3924.0	258	9.8	25500.6 -3922.2	348	10.0	34148.2 -3950.0
79	8.7	05700.3 -3914.4	169	9.1	15956.0 -3916.2	259	10.0	25532.6 -3930.5	349	10.0	34156.9 -3923.2
80	9.8	05720.3 -3911.7	170	10.2	20216.7 -3940.1	260	9.4	25702.4 -3957.4	350	9.4	34258.4 -3916.2
81	8.4	05744.3 -3947.6	171	9.0	20222.4 -3959.4	261	9.6	25716.4 -3928.7	351	10.0	34320.4 -3913.2
82	10.1	05828.1 -3945.4	172	9.8	20442.7 -3941.6	262	10.0	25808.9 -3947.3	352	8.0	34325.4 -3939.5
83	9.8	05921.8 -3916.4	173	9.2	20449.2 -3951.0	263	10.0	25828.4 -3942.4	353	10.0	34325.9 -3923.8
84	8.6	05931.8 -3929.2	174	9.2	20539.8 -3943.6	264	9.8	25916.4 -3916.7	354	9.8	34330.6 -3901.9
85	10.1	10029.3 -3924.2	175	9.0	20550.3 -3955.1	265	8.4	25917.9 -3939.6	355	9.4	34405.4 -3939.1
86	10.1	10109.3 -3906.8	176	10.0	20552.3 -3909.6	266	9.6	30005.4 -3943.7	356	10.0	34413.9 -3929.4
87	9.5	10203.8 -3937.4	177	10.2	20722.8 -3916.4	267	9.8	30023.9 -3956.6	357	9.1	34432.9 -3927.1
88	10.1	10218.8 -3931.2	178	10.0	20812.8 -3912.6	268	8.2	30051.9 -3947.3	358	9.4	34520.4 -3917.9
89	8.7	10241.1 -3902.6	179	9.6	20854.8 -3902.0	269	9.8	30125.4 -3954.3	359	9.1	34612.9 -3954.7
90	10.0	10328.3 -3918.3	180	10.2	20921.3 -3956.5	270	10.0	30125.9 -3945.5	360	7.5	34613.9 -3921.6
91	9.5	10339.3 -3951.6	181	9.0	20944.8 -3939.3	271	9.4	30142.4 -3941.0	361	8.0	34739.4 -3938.1
92	10.0	10408.3 -3943.3	182	9.2	21049.0 -3902.6	272	8.6	30147.9 -3936.0	362	9.5	34851.4 -3917.5
93	9.4	10409.3 -3950.1	183	9.8	21210.9 -3914.9	273	8.8	30150.4 -3952.0	363	8.5	34910.4 -3954.2
94	8.2	10615.8 -3949.5	184	9.4	21230.9 -3948.7	274	8.8	30313.4 -3919.2	364	8.8	34918.4 -3942.5
95	9.3	10655.7 -3958.9	185	10.2	21250.9 -3928.9	275	8.2	30316.4 -3946.8	365	10.2	34926.4 -3909.8
96	9.9	10745.5 -3941.1	186	9.4	21252.9 -3912.7	276	9.6	30330.9 -3957.5	366	9.8	34927.4 -3906.2
97	9.8	10750.3 -3907.5	187	10.2	21307.4 -3905.7	277	10.0	30417.1 -3944.9	367	9.6	35001.4 -3912.6
98	9.0	10837.8 -3926.7	188	10.2	21404.9 -3947.5	278	10.0	30450.1 -3951.5	368	8.6	35012.4 -3910.1
99	9.2	10909.3 -3930.1	189	8.1	21417.9 -3933.2	279	7.0	30559.4 -3931.5	369	6.8	35046.4 -3907.5
100	9.9	10929.3 -3911.2	190	8.8	21534.4 -3926.4	280	9.6	30655.4 -3942.9	370	6.6	35201.3 -3919.5
101	9.9	10941.3 -3912.7	191	9.6	21542.4 -3929.6	281	7.4	30708.4 -3929.6	371	8.5	35256.8 -3927.5
102	9.2	11028.3 -3922.0	192	9.4	21557.4 -3944.7	282	7.5	30714.4 -3950.2	372	8.8	35305.3 -3953.1
103	9.7	11210.8 -3916.3	193	8.4	21645.4 -3916.6	283	6.7	30907.4 -3916.4	373	10.2	35422.3 -3922.0
104	9.5	11240.3 -3940.3	194	8.6	21648.4 -3932.8	284	10.0	30907.9 -3907.6	374	9.6	35423.3 -3946.8
105	8.6	11351.3 -3937.1	195	8.0	21730.2 -3959.1	285	8.2	31023.4 -3930.9	375	8.8	35504.8 -3908.9
106	8.6	11358.3 -3950.9	196	9.8	21931.9 -3909.3	286	9.4	31025.5 -3957.8	376	10.3	35513.3 -3905.5
107	8.9	11420.3 -3914.3	197	10.2	21953.4 -3922.4	287	7.9	31041.4 -3927.7	377	8.2	35557.0 -3917.7
108	9.5	11433.8 -3908.2	198	8.8	21953.9 -3915.2	288	8.8	31048.4 -3909.6	378	10.2	35650.5 -3930.3
109	8.9	11438.8 -3946.0	199	9.2	22004.9 -3936.7	289	8.8	31052.9 -3945.0	379	9.5	35831.0 -3934.2
110	8.4	11520.8 -3911.0	200	9.8	22258.4 -3926.7	290	8.4	31101.9 -3931.4	380	8.2	35844.0 -3942.6
111	8.1	11842.3 -3934.1	201	8.4	22339.9 -3931.2	291	9.8	31223.4 -3957.4	381	9.3	35847.0 -3920.1
112	9.6	11905.8 -3908.0	202	10.2	22349.9 -3923.6	292	8.8	31258.9 -3925.1	382	8.4	35902.0 -3906.4
113	9.9	11948.3 -3951.7	203	10.0	22641.3 -3928.8	293	9.2	31302.9 -3940.2	383	9.4	35902.0 -3943.4
114	8.2	12035.8 -3907.2	204	9.4	22649.8 -3910.7	294	9.8	31320.9 -3959.5	384	10.0	35914.9 -3928.2
115	9.2	12053.3 -3954.5	205	9.0	22658.3 -3930.0	295	10.0	31352.4 -3936.0	385	10.3	35939.0 -3950.9
116	9.9	12109.8 -3956.3	206	8.8	22747.2 -3908.2	296	9.4	31433.9 -3909.3	386	10.2	40011.0 -3954.9
117	8.3	12207.3 -3947.4	207	8.6	22802.7 -3953.8	297	9.4	31449.2 -3903.8	387	9.5	40021.5 -3911.7
118	9.7	12218.8 -3944.8	208	8.6	22834.7 -3943.5	298	10.0	31517.2 -3904.6	388	9.4	40047.5 -3941.3
119	9.4	12428.3 -3931.2	209	9.3	22840.2 -3923.3	299	9.6	31557.2 -3912.7	389	10.3	40050.9 -3912.6
120	9.9	12440.8 -3946.4	210	8.8	22937.3 -3922.4	300	9.8	31827.4 -3921.4	390	8.6	40136.5 -3919.7
121	9.0	12532.8 -3925.9	211	8.6	22942.8 -3911.9	301	9.2	31834.7 -3930.2	391	9.6	40224.0 -3912.5
122	8.4	12542.8 -3904.4	212	9.6	23001.8 -3954.1	302	9.2	31847.7 -3936.5	392	8.3	40231.0 -3923.3
123	8.6	12640.3 -3944.5	213	8.2	23119.3 -3916.5	303	9.0	32058.3 -3931.6	393	9.5	40301.0 -3950.0
124	9.9	12906.5 -3959.4	214	8.3	23205.8 -3927.5	304	9.6	32207.9 -3947.9	394	9.6	40303.0 -3913.5
125	9.5	12951.8 -3907.0	215	9.6	23239.8 -3930.8	305	10.0	32211.4 -3913.6	395	9.3	40314.0 -3952.7
126	9.6	13002.3 -3923.9	216	9.0	23259.3 -3918.6	306	10.0	32229.9 -3933.6	396	9.6	40418.0 -3935.5

-39 397 4h04m

-39 756 5h41m

397	10.2	40445.0	-3917.1	487	10.1	43346.0	-3959.6	577	9.3	50059.2	-3908.1
398	8.8	40458.2	-3901.0	488	10.0	43356.5	-3925.0	578	8.5	50140.7	-3933.1
399	10.2	40505.0	-3934.7	489	10.1	43457.5	-3955.1	579	9.8	50143.2	-3914.1
400	10.3	40527.9	-3954.0	490	10.1	43502.5	-3946.8	580	9.8	50158.2	-3922.0
401	9.8	40532.5	-3942.0	491	10.0	43517.5	-3942.9	581	10.0	50159.2	-3949.6
402	9.8	40555.9	-3918.5	492	9.2	43520.5	-3938.7	582	9.4	50251.2	-3948.7
403	9.6	40613.5	-3915.2	493	9.6	43522.5	-3952.3	583	9.8	50252.2	-3949.0
404	9.6	40623.0	-3940.5	494	9.5	43545.5	-3924.1	584	10.1	50341.2	-3944.5
405	10.3	40721.5	-3946.5	495	9.4	43550.3	-3944.3	585	8.4	50344.7	-3943.7
406	8.8	40735.5	-3910.8	496	7.8	43556.8	-3903.1	586	8.8	50402.0	-3909.8
407	9.8	40808.0	-3944.5	497	10.0	43607.3	-3905.4	587	10.1	50445.0	-3904.2
408	9.6	40854.0	-3910.7	498	10.0	43624.8	-3908.7	588	9.5	50445.5	-3938.0
409	10.0	40900.2	-3957.8	499	9.8	43634.3	-3913.0	589	9.1	50445.5	-3941.2
410	8.6	40901.5	-3929.1	500	7.6	43649.3	-3949.5	590	10.0	50453.5	-3949.7
411	10.3	40911.9	-3945.1	501	9.4	43654.8	-3924.9	591	9.1	50454.0	-3936.9
412	10.3	40947.9	-3904.9	502	9.4	43703.8	-3916.5	592	8.8	50519.2	-3921.8
413	10.0	41007.5	-3907.0	503	10.1	43737.3	-3933.6	593	10.0	50520.9	-3945.1
414	8.8	41010.0	-3917.2	504	8.4	43824.8	-3905.6	594	9.5	50521.5	-3953.0
415	10.3	41028.0	-3919.3	505	9.4	43838.3	-3931.5	595	9.8	50524.5	-3942.1
416	7.6	41146.6	-3955.9	506	9.6	43838.8	-3906.1	596	10.0	50528.5	-3900.7
417	7.0	41206.6	-3911.5	507	10.0	43845.3	-3925.4	597	10.0	50611.3	-3952.9
418	8.0	41251.6	-3909.1	508	10.0	43851.1	-3920.2	598	10.1	50633.5	-3906.2
419	10.0	41305.8	-3913.8	509	10.1	43858.4	-3901.0	599	10.1	50706.7	-3947.9
420	9.6	41305.8	-3935.6	510	10.0	43912.3	-3930.0	600	10.1	50712.2	-3922.9
421	10.2	41316.3	-3907.9	511	10.1	43928.3	-3902.4	601	8.8	50714.1	-3905.3
422	8.4	41347.5	-3952.9	512	10.0	43956.8	-3939.0	602	9.2	50722.2	-3902.7
423	10.1	41358.0	-3956.5	513	10.1	43959.0	-3925.2	603	10.0	50744.2	-3946.3
424	8.7	41402.5	-3911.8	514	6.9	44141.5	-3935.1	604	9.8	50753.7	-3908.4
425	9.8	41427.8	-3937.2	515	10.1	44228.0	-3938.2	605	10.1	50759.5	-3932.1
426	9.0	41449.5	-3911.4	516	10.1	44306.0	-3926.9	606	9.7	50803.7	-3901.8
427	9.5	41538.0	-3906.2	517	10.0	44342.0	-3910.0	607	8.8	50804.7	-3912.6
428	10.0	41628.6	-3957.2	518	9.4	44432.0	-3906.4	608	9.7	50806.7	-3950.1
429	10.1	41634.0	-3917.3	519	9.2	44528.5	-3931.2	609	9.9	50808.7	-3929.3
430	10.0	41634.5	-3936.0	520	8.6	44551.0	-3923.8	610	9.4	50854.7	-3917.8
431	10.1	41718.5	-3900.6	521	10.1	44552.5	-3943.9	611	10.1	50911.2	-3904.8
432	10.1	41722.5	-3952.4	522	10.1	44559.0	-3936.8	612	10.1	50938.2	-3905.7
433	9.5	41749.5	-3924.5	523	7.8	44617.0	-3943.0	613	10.1	50941.2	-3957.8
434	10.0	41910.6	-3915.9	524	9.3	44623.8	-3913.4	614	9.0	50942.2	-3930.9
435	9.4	41914.1	-3909.5	525	8.8	44630.3	-3904.0	615	10.0	50942.7	-3919.1
436	8.0	41922.6	-3925.7	526	9.8	44644.1	-3958.7	616	10.1	50944.7	-3910.1
437	9.4	41933.6	-3953.4	527	10.1	44656.8	-3931.2	617	10.1	50949.2	-3918.2
438	9.4	42029.1	-3933.3	528	10.1	44720.3	-3940.1	618	9.6	51008.7	-3933.8
439	10.0	42034.1	-3928.7	529	10.0	44725.8	-3904.3	619	9.9	51008.7	-3909.3
440	10.1	42209.1	-3917.1	530	10.0	44809.8	-3933.4	620	10.1	51037.2	-3934.0
441	10.0	42212.6	-3952.3	531	10.0	44833.3	-3957.2	621	10.1	51046.7	-3924.2
442	9.5	42231.1	-3952.1	532	10.1	44916.8	-3932.9	622	10.1	51114.5	-3948.3
443	8.9	42314.6	-3931.9	533	10.1	44935.8	-3940.0	623	9.7	51118.2	-3947.8
444	10.0	42327.6	-3919.9	534	8.1	45021.8	-3917.4	624	8.9	51134.7	-3925.2
445	10.1	42335.6	-3910.7	535	10.0	45032.8	-3901.7	625	10.0	51153.7	-3939.9
446	8.4	42347.6	-3942.3	536	7.7	45043.3	-3941.8	626	9.4	51219.5	-3946.0
447	8.4	42355.6	-3905.7	537	10.0	45058.8	-3901.9	627	9.8	51234.3	-3900.6
448	10.0	42439.8	-3907.0	538	8.8	45109.5	-3951.6	628	6.9	51305.5	-3925.4
449	10.1	42446.8	-3907.8	539	8.4	45114.8	-3951.4	629	10.1	51311.5	-3921.5
450	10.1	42454.8	-3913.7	540	10.0	45118.3	-3941.6	630	8.6	51313.5	-3939.3
451	7.5	42518.8	-3921.8	541	8.9	45118.8	-3911.0	631	9.9	51329.5	-3922.2
452	10.0	42520.6	-3957.7	542	10.0	45131.8	-3919.1	632	9.4	51423.5	-3933.9
453	8.4	42530.8	-3941.4	543	8.5	45154.8	-3908.3	633	9.4	51435.5	-3911.1
454	9.5	42537.3	-3903.4	544	9.8	45159.8	-3922.8	634	9.8	51444.5	-3928.7
455	10.1	42544.3	-3912.5	545	10.0	45225.3	-3904.6	635	10.0	51456.0	-3938.2
456	8.0	42554.8	-3915.7	546	9.8	45228.3	-3923.2	636	9.4	51504.0	-3910.3
457	10.1	42625.6	-3914.2	547	9.5	45234.3	-3918.2	637	10.0	51532.5	-3932.5
458	8.6	42639.8	-3927.1	548	8.8	45241.3	-3938.7	638	9.8	51554.5	-3932.1
459	8.7	42641.2	-3901.1	549	9.1	45300.8	-3921.6	639	10.1	51602.0	-3929.3
460	9.6	42659.8	-3934.9	550	9.6	45303.8	-3907.1	640	9.7	51618.8	-3918.4
461	9.4	42705.8	-3951.1	551	10.1	45306.1	-3914.1	641	10.0	51618.8	-3923.7
462	10.0	42706.3	-3904.2	552	9.8	45323.6	-3925.1	642	10.1	51625.8	-3922.7
463	10.0	42711.3	-3925.9	553	10.0	45337.9	-3925.1	643	10.0	51629.8	-3930.8
464	10.0	42813.3	-3916.7	554	10.0	45338.6	-3906.7	644	7.6	51630.8	-3952.9
465	10.1	42831.8	-3903.0	555	9.4	45342.1	-3924.9	645	8.8	51719.3	-3923.2
466	10.0	42840.8	-3915.5	556	10.0	45411.1	-3937.8	646	8.2	51720.3	-3937.3
467	9.8	42847.3	-3958.8	557	10.1	45453.6	-3909.1	647	9.4	51731.3	-3951.7
468	8.8	42851.8	-3935.2	558	10.1	45518.1	-3944.5	648	10.0	51734.3	-3918.1
469	7.6	42852.8	-3945.1	559	8.8	45527.6	-3937.6	649	9.8	51836.8	-3924.2
470	9.5	42908.8	-3946.6	560	9.4	45544.1	-3909.6	650	9.8	51901.3	-3930.7
471	10.0	42928.8	-3915.5	561	8.5	45622.6	-3952.2	651	8.4	51904.3	-3957.4
472	10.0	42951.8	-3911.1	562	10.1	45624.1	-3927.7	652	7.0	51917.8	-3947.7
473	9.6	42954.8	-3904.3	563	8.6	45713.1	-3906.2	653	10.1	51928.8	-3915.1
474	10.1	43009.3	-3931.3	564	9.5	45713.6	-3904.7	654	9.9	51938.8	-3942.0
475	8.9	43013.3	-3930.4	565	7.3	45725.1	-3954.2	655	10.1	51953.3	-3926.3
476	9.8	43019.0	-3927.3	566	7.9	45748.1	-3915.4	656	9.4	52006.3	-3943.5
477	9.2	43029.5	-3934.8	567	9.6	45751.1	-3946.1	657	9.2	52019.3	-3904.9
478	9.2	43059.0	-3947.9	568	10.1	45843.7	-3942.9	658	9.2	52019.8	-3909.1
479	8.4	43158.0	-3940.2	569	8.9	45940.7	-3926.2	659	9.4	52023.8	-3905.8
480	10.1	43201.5	-3907.2	570	9.5	45947.2	-3910.6	660	9.4	52027.8	-3919.8
481	10.0	43217.5	-3938.7	571	10.0	45955.2	-3902.4	661	9.7	52029.3	-3957.3
482	10.0	43224.0	-3942.3	572	9.8	50009.7	-3946.7	662	9.8	52049.8	-3924.3
483	9.8	43305.2	-3900.3	573	9.5	50014.2	-3939.7	663	10.0	52106.6	-3948.1
484	9.8	43309.5	-3906.5	574	10.1	50036.2	-3922.3	664	10.1	52107.6	-3925.0
485	10.0	43327.0	-3916.8	575	8.2	50042.7	-3944.0	665	10.1	52127.1	-3912.8
486	9.8	43336.5	-3917.7	576	10.1	50055.7	-3954.2	666	10.0	52128.6	-3930.6
667	9.7	52143.1	-3910.4								
668	9.4	52155.1	-3947.3								
669	9.4	52220.1	-3938.3								
670	10.1	52232.6	-3942.9								
671	10.1	52249.1	-3907.5								
672	10.1	52313.1	-3954.5								
673	10.0	52331.1	-3927.9								
674	7.4	52334.6	-3919.4								
675	7.9	52348.6	-3900.6								
676	10.1	52351.1	-3927.7								
677	9.0	52418.6	-3928.2								
678	10.0	52424.1	-3906.6								
679	10.1	52433.1	-3947.5								
680	10.1	52501.6	-3901.0								
681	10.0	52516.4	-3903.7								
682	9.9	52533.4	-3935.6								
683	10.0	52542.4	-3945.3								
684	8.9	52556.9	-3951.9								
685	9.1	52557.9	-3959.7								
686	9.7	52602.9	-3918.1								
687	9.7	52604.5	-3958.1								
688	10.1	52617.9	-3958.5								
689	9.8	52622.9	-3919.6								
690	9.7	52637.9	-3927.2								
691	9.4	52657.4	-3941.2								
692	10.0	52725.3	-3902.4								
693	9.1	52732.9	-3934.3								
694	10.1	52811.4	-3948.1								
695	10.1	52816.9	-3923.1								
696	9.8	52827.9	-3905.6								
697	9.2	52828.9	-3940.8								
698	10.0	52836.4	-3914.9								
699	10.1	52850.4	-3915.7								
700	10.0	52855.9	-3918.9								
701	8.5	52916.9	-3932.3								
702	8.8	52917.4	-3914.1								
703	10.1	52944.4	-3913.2								
704	9.2	53028.6	-3902.3								
705	9.4	53109.7	-3953.3								
706	10.1	53111.2	-3924.1								
707	10.0	53129.7	-3945.2								
708	8.9	53131.7	-3955.3								
709	10.1	53141.7	-3905.3								
710	8.8	53144.2	-3922.0								
711	10.1	53148.9	-3902.4								
712	10.1	53216.4	-3943.0								
713	10.0	53221.2	-3955.3								
714	10.0	53230.2	-3944.2								
715	10.0	53232.7	-3914.3								
716	10.1	53234.2	-3912.2								
717	9.2	53258.4	-3937.0								
718	10.0	53302.7	-3939.7								
719	8.2	53329.2	-3934.0								
720	8.6	53333.2	-3955.5								
721	8.2	53348.2	-3952.7								
722	9.1	53359.2	-3928.5								
723	8.0	53406.4	-3923.7								
724	9.9	53426.7	-3916.9								
725	9.9	53433.7	-3909.9								
726	9.6	53435.2	-3951.5								
727	9.8	53438.2	-3925.5								
728	9.6	53452.7	-3928.5								
729	8.7	53517.2	-3942.9								
730	9.6	53531.7	-3955.0								
731	9.6	53538.2	-3930.3								
732	9.9	53539.7	-3936.8								
733	9.4	53545.7	-3943.9								
734	9.7	53557.2	-3920.3								
735	9.9	53559.7	-3934.2								
736	9.8	53640.2	-3957.5								
737	9.9	53640.7	-3933.8								
738	9.8	53659.7	-3912.5								
739	8.6	53705.7	-3957.5								
740	9.2	53711.2	-3920.1								
741	9.3	53825.8	-3914.8								
742	9.8	53830.3	-3919.8								
743	7.2	53922.8	-3927.8								
744	8.3	53930.6	-3958.9								
745	9.4	53936.8	-3915.2								
746	9.0	53936.8	-3903.2								
747	9.8	53939.3	-3905.2								
748	9.9	53940.3	-3934.3								
749	9.0	54032.3	-3913.8								
750	9.3	54039.8	-3954.0								
751	9.9	54051.8	-3939.1								
752	9.6	54108.8	-3952.0								
753	9.4	54109.3	-3915.4								
754	7.5	54116.8	-3921.8								
755	9.6	54120.3	-3932.2								
756	9.6	54159.4	-3956.6								

757	9.3	54200.3	-3904.2	847	10.0	60240.7	-3941.9	937	8.8	62226.9	-3912.2	1027	10.3	63533.1	-3926.4
758	9.0	54208.8	-3942.8	848	8.9	60245.1	-3907.7	938	9.6	62239.4	-3954.9	1028	8.6	63541.1	-3917.7
759	9.0	54209.3	-3911.1	849	10.0	60254.1	-3932.0	939	10.0	62246.4	-3901.2	1029	8.6	63555.1	-3921.0
760	9.9	54225.8	-3932.0	850	8.6	60300.6	-3914.4	940	9.7	62258.4	-3944.4	1030	9.1	63557.1	-3911.9
761	8.3	54231.8	-3915.6	851	9.6	60300.6	-3942.4	941	8.9	62309.9	-3933.9	1031	9.6	63600.1	-3910.2
762	9.6	54256.3	-3922.4	852	9.7	60309.6	-3927.7	942	10.0	62316.8	-3903.0	1032	9.1	63612.1	-3942.6
763	8.8	54301.8	-3909.4	853	9.7	60315.1	-3945.5	943	10.0	62322.8	-3905.0	1033	10.2	63614.1	-3929.6
764	9.9	54321.3	-3927.4	854	9.4	60319.6	-3931.8	944	10.0	62324.8	-3927.6	1034	10.1	63624.6	-3942.7
765	9.9	54329.8	-3920.4	855	9.6	60321.7	-3920.5	945	9.4	62328.9	-3918.8	1035	10.3	63629.1	-3930.8
766	9.0	54431.8	-3919.0	856	9.4	60325.6	-3914.2	946	9.0	62349.4	-3927.8	1036	9.8	63629.7	-3958.4
767	8.7	54431.8	-3958.6	857	8.7	60400.4	-3958.2	947	9.8	62351.9	-3915.8	1037	9.4	63632.1	-3916.6
768	9.3	54441.8	-3927.8	858	9.8	60409.7	-3918.0	948	9.3	62359.4	-3908.2	1038	10.3	63633.1	-3945.5
769	9.9	54442.8	-3901.2	859	10.0	60412.6	-3945.0	949	9.6	62432.9	-3900.8	1039	9.4	63641.1	-3941.0
770	9.9	54444.8	-3944.1	860	9.6	60459.3	-3946.9	950	8.4	62440.2	-3941.3	1040	10.1	63705.1	-3931.3
771	9.9	54453.3	-3944.2	861	8.6	60545.3	-3932.2	951	9.4	62441.7	-3958.6	1041	9.8	63718.1	-3903.8
772	9.8	54531.8	-3943.8	862	10.0	60550.3	-3908.8	952	9.4	62448.2	-3954.1	1042	9.8	63721.1	-3910.0
773	9.9	54533.3	-3911.5	863	10.0	60553.3	-3954.5	953	9.7	62519.2	-3924.4	1043	9.5	63732.6	-3908.7
774	9.9	54543.3	-3939.9	864	9.2	60559.3	-3940.7	954	9.6	62524.2	-3945.1	1044	9.5	63736.1	-3935.9
775	9.7	54605.8	-3957.2	865	9.2	60600.3	-3911.1	955	10.1	62525.7	-3931.0	1045	7.6	63747.1	-3940.0
776	9.9	54630.3	-3909.8	866	9.6	60603.8	-3927.6	956	9.6	62543.2	-3905.4	1046	10.3	63756.1	-3935.8
777	8.4	54641.8	-3947.0	867	9.6	60609.3	-3922.9	957	9.3	62552.2	-3954.5	1047	10.3	63800.1	-3952.0
778	9.9	54702.3	-3916.6	868	8.8	60617.3	-3936.5	958	8.8	62552.2	-3940.2	1048	9.6	63815.1	-3921.9
779	8.8	54709.8	-3935.8	869	10.0	60626.4	-3940.9	959	10.1	62603.3	-3914.5	1049	10.2	63818.1	-3910.9
780	8.7	54715.8	-3920.8	870	9.2	60732.3	-3956.6	960	9.4	62606.7	-3933.9	1050	10.3	63823.1	-3954.4
781	9.3	54829.8	-3913.6	871	9.3	60753.3	-3932.9	961	9.6	62609.6	-3925.3	1051	9.4	63838.6	-3930.6
782	8.8	54900.3	-3933.0	872	10.0	60800.3	-3954.2	962	10.1	62611.2	-3959.1	1052	10.1	63839.6	-3905.3
783	9.7	54901.8	-3904.2	873	9.7	60811.3	-3921.2	963	9.6	62618.2	-3916.2	1053	10.3	63844.1	-3935.1
784	9.4	54906.3	-3933.4	874	9.6	60827.3	-3917.8	964	10.1	62627.6	-3918.0	1054	9.0	63845.6	-3907.8
785	9.6	54922.3	-3933.6	875	9.4	60854.3	-3912.2	965	9.2	62629.4	-3923.1	1055	9.6	63911.0	-3924.3
786	9.6	54946.8	-3913.2	876	9.0	60917.3	-3934.9	966	10.2	62636.6	-3903.7	1056	7.2	63912.6	-3904.2
787	9.4	54949.8	-3900.5	877	10.0	60934.3	-3947.7	967	8.8	62637.4	-3900.8	1057	10.3	63914.6	-3954.5
788	9.0	55001.3	-3917.2	878	10.0	60950.3	-3947.3	968	10.3	62637.6	-3936.7	1058	8.0	63924.1	-3914.8
789	7.4	55048.5	-3958.8	879	10.0	60954.1	-3916.8	969	9.8	62644.7	-3948.8	1059	10.0	63925.1	-3922.2
790	9.6	55108.8	-3929.7	880	9.8	61013.2	-3917.9	970	10.2	62700.1	-3924.2	1060	7.7	63935.1	-3944.2
791	9.0	55109.8	-3930.6	881	9.0	61013.4	-3924.8	971	9.6	62708.1	-3901.0	1061	8.6	64010.1	-3950.2
792	9.9	55109.8	-3906.4	882	10.0	61014.9	-3937.8	972	10.3	62738.1	-3943.6	1062	8.9	64019.1	-3933.3
793	9.8	55127.3	-3908.0	883	10.0	61018.9	-3928.0	973	10.3	62738.1	-3949.8	1063	8.8	64023.1	-3942.4
794	9.9	55129.8	-3924.2	884	9.3	61024.9	-3913.8	974	9.8	62750.1	-3905.0	1064	10.1	64029.0	-3915.7
795	9.8	55151.8	-3911.8	885	10.1	61030.2	-3918.9	975	10.3	62805.1	-3943.2	1065	9.4	64030.6	-3944.9
796	8.1	55211.8	-3910.4	886	10.0	61047.9	-3934.4	976	10.2	62815.1	-3921.1	1066	10.0	64032.6	-3939.0
797	8.4	55231.3	-3905.6	887	8.9	61121.9	-3917.5	977	10.1	62823.1	-3928.0	1067	10.3	64034.1	-3903.3
798	9.9	55249.8	-3911.8	888	9.0	61124.9	-3950.2	978	9.6	62835.1	-3953.9	1068	10.0	64047.1	-3924.2
799	8.8	55302.8	-3932.3	889	9.4	61148.9	-3958.4	979	10.3	62835.6	-3904.9	1069	9.5	64050.1	-3914.2
800	9.2	55310.3	-3936.2	890	10.1	61149.9	-3952.8	980	10.3	62845.6	-3943.7	1070	9.6	64059.8	-3925.4
801	9.6	55311.3	-3942.0	891	10.0	61150.4	-3903.7	981	9.0	62855.2	-3958.0	1071	10.3	64103.8	-3918.2
802	9.8	55341.3	-3908.0	892	9.4	61223.9	-3914.9	982	10.1	62904.6	-3910.1	1072	10.1	64104.3	-3942.3
803	9.4	55357.3	-3950.5	893	7.0	61227.9	-3913.2	983	9.6	62905.1	-3954.0	1073	9.5	64109.3	-3948.9
804	9.9	55417.3	-3923.2	894	8.0	61244.4	-3935.2	984	9.5	62912.0	-3901.9	1074	10.2	64109.3	-3958.3
805	8.6	55432.8	-3942.9	895	9.6	61340.9	-3918.1	985	10.3	62921.1	-3926.3	1075	9.5	64110.8	-3902.4
806	9.4	55440.8	-3928.6	896	9.2	61340.9	-3938.9	986	8.2	62930.1	-3932.7	1076	10.0	64119.3	-3921.8
807	8.5	55456.8	-3944.4	897	10.1	61409.4	-3952.0	987	10.0	62940.1	-3915.2	1077	9.8	64132.8	-3959.5
808	9.9	55457.3	-3928.0	898	10.0	61414.4	-3949.1	988	10.3	63005.1	-3942.5	1078	9.5	64134.8	-3902.2
809	9.9	55502.3	-3955.1	899	9.4	61439.9	-3942.4	989	9.2	63008.1	-3941.8	1079	10.0	64139.8	-3942.2
810	9.9	55510.3	-3932.9	900	10.1	61453.9	-3926.0	990	10.3	63052.1	-3934.1	1080	10.3	64144.8	-3926.8
811	9.9	55517.3	-3925.8	901	9.6	61522.4	-3910.2	991	9.6	63124.1	-3957.0	1081	9.4	64148.8	-3947.2
812	9.9	55525.8	-3942.6	902	10.1	61527.2	-3928.3	992	9.2	63129.1	-3921.5	1082	9.8	64148.8	-3914.8
813	9.9	55526.2	-3916.4	903	9.6	61539.9	-3917.1	993	10.1	63140.1	-3924.4	1083	6.6	64154.3	-3924.4
814	9.9	55534.3	-3951.0	904	7.8	61540.9	-3926.0	994	10.3	63150.1	-3907.6	1084	10.3	64200.3	-3958.1
815	8.4	55540.3	-3914.5	905	9.6	61541.9	-3941.8	995	10.3	63153.5	-3900.4	1085	9.4	64215.8	-3909.7
816	9.0	55556.8	-3912.8	906	8.5	61543.4	-3925.5	996	10.3	63210.1	-3921.8	1086	9.1	64216.3	-3918.6
817	9.9	55604.3	-3908.9	907	10.0	61556.9	-3949.4	997	9.1	63210.1	-3909.2	1087	9.5	64222.8	-3936.0
818	9.3	55615.8	-3931.7	908	8.8	61604.9	-3910.2	998	10.3	63215.1	-3954.4	1088	10.0	64224.8	-3957.2
819	9.9	55624.8	-3920.2	909	9.7	61607.4	-3908.0	999	10.2	63242.1	-3947.3	1089	10.0	64235.8	-3918.8
820	8.4	55631.0	-3957.2	910	10.0	61632.9	-3954.1	1000	9.4	63246.1	-3900.2	1090	9.6	64238.8	-3913.8
821	8.4	55713.3	-3917.5	911	9.6	61648.1	-3920.4	1001	9.5	63251.1	-3917.3	1091	9.5	64239.8	-3942.1
822	8.8	55715.8	-3933.2	912	8.8	61700.8	-3900.8	1002	9.8	63256.1	-3944.4	1092	9.6	64244.8	-3926.6
823	9.6	55723.0	-3900.8	913	9.7	61708.6	-3939.0	1003	9.6	63305.1	-3904.6	1093	9.4	64301.8	-3931.8
824	9.0	55728.8	-3940.6	914	10.0	61725.1	-3901.3	1004	10.0	63310.4	-3959.9	1094	10.3	64314.8	-3908.8
825	9.4	55735.8	-3947.1	915	10.1	61734.9	-3943.1	1005	10.2	63329.1	-3936.5	1095	10.2	64320.3	-3909.6
826	8.2	55819.3	-3918.6	916	9.6	61759.9	-3919.7	1006	9.6	63345.1	-3944.6	1096	8.9	64320.8	-3901.5
827	9.9	55834.3	-3921.9	917	8.4	61804.1	-3909.4	1007	10.0	63404.2	-3902.6	1097	10.0	64333.3	-3955.6
828	9.9	55836.8	-3930.5	918	10.0	61824.1	-3933.4	1008	10.3	63410.1	-3939.6	1098	9.2	64334.8	-3953.6
829	9.3	55840.8	-3917.0	919	9.6	61834.6	-3903.4	1009	10.3	63416.1	-3933.9	1099	9.6	64335.8	-3904.4
830	9.6	55900.3	-3922.5	920	9.8	61836.1	-3921.2	1010	9.1	63423.1	-3921.4	1100	8.6	64338.8	-3938.7
831	9.0	55902.8	-3941.4	921	9.4	61839.1	-3907.2	1011	10.0	63430.1	-3917.3	1101	10.1	64341.8	-3919.6
832	9.3	55905.8	-3930.6	922	8.9	61840.6	-3946.0	1012	10.3	63441.1	-3935.5	1102	9.5	64349.8	-3900.2
833	9.2	55906.5	-3918.3	923	9.8	61913.1	-3927.4	1013	10.0	63446.1	-3901.8	1103	9.8	64350.3	-3958.9
834	8.8	55911.3	-3923.5	924	9.4	61920.6	-3907.3	1014	10.3	63452.1	-3940.3	1104	8.2	64351.3	-3933.0
835	9.9	55939.8	-3935.0	925	8.4	61957.6	-3958.2	1015	10.0	63452.1	-3941.8	1105	9.5	64359.8	-3938.7
836	8.6	60001.8	-3949.9	926	10.0	62024.1	-3927.2	1016	10.0	63452.1	-3929.1	1106	10.3	64359.8	-3935.2
837	8.8	60005.3	-3946.3	927	9.6	62030.6	-3942.9	1017	10.2	63501.6	-3931.3	1107	9.2	64404.8	-3920.1
838	9.9	60035.8	-3956.9	928	8.8	62059.6	-3922.2	1018	9.8	63505.1	-3921.8	1108	9.4	64404.8	-3918.0
839	9.6	60046.9	-3910.0	929	9.4	62103.4	-3925.2	1019	9.6	63509.1	-3941.9	1109	9.2	64408.6	-3900.4
840	8.8	60051.6	-3942.0	930	9.6	62107.9	-3922.0	1020	9.5	63511.1	-3918.6	1110	8.9	64413.8	-3903.8
841	9.8	60131.6	-3950.7	931	10.0	62117.9	-3920.0	1021	8.6	63513.1	-3925.2	1111	10.0	64429.5	-3957.1
842	10.0	60134.1	-3933.4	932	9.8	62157.4	-3941.1	1022	10.3	63514.1	-3922.9	1112	10.0	64438.0	-3957.0
843	9.7	60137.1	-3930.9	933	8.4	62204.4	-3924.4	1023	10.3	63521.1	-3922.3	1113	10.3	64449.8	-3952.9
844	8.8	60147.1	-3938.9	934	10.0	62214.4	-3913.4	1024	8.6	63528.6	-3956.2	1114	10.3	64506.8	-3922.0
845	10.0	60224.1	-3906.2	935	8.7	62218.4	-3936.9	1025	9.6	63529.1	-3943.5	1115	10.0	64509.8	-3945.1
846	10.0	60232.6	-3910.0	936	10.0	62221.9	-3932.7	1026	10.3	63532.6	-3946.0	1116	9.4	64516.3	-3912.3

-39 1117 6h45m

-39 1476 7h28m

1117	9.2	64534.8	-3900.7	1207	8.6	65510.3	-3925.6	1297	10.0	70639.2	-3902.4	1387	9.0	71935.5	-3950.4
1118	10.2	64539.8	-3910.1	1208	9.6	65519.8	-3942.6	1298	9.8	70647.2	-3908.0	1388	7.7	71936.0	-3917.7
1119	10.2	64554.8	-3935.0	1209	9.9	65524.8	-3923.7	1299	9.8	70649.7	-3947.5	1389	9.6	71945.2	-3924.1
1120	9.5	64605.3	-3908.9	1210	10.0	65540.8	-3947.3	1300	10.0	70650.2	-3910.9	1390	9.5	71951.5	-3948.5
1121	9.2	64617.3	-3930.8	1211	9.6	65541.8	-3921.9	1301	8.1	70700.2	-3903.8	1391	10.0	71953.2	-3953.8
1122	8.6	64634.8	-3920.7	1212	8.1	65557.8	-3938.7	1302	9.2	70711.2	-3953.0	1392	9.6	72002.5	-3908.4
1123	10.3	64642.8	-3945.9	1213	9.0	65606.3	-3917.7	1303	10.0	70728.7	-3949.2	1393	10.0	72002.7	-3956.5
1124	10.3	64657.8	-3950.6	1214	9.8	65610.8	-3907.1	1304	9.8	70728.7	-3924.8	1394	9.6	72005.4	-3902.4
1125	10.1	64658.8	-3914.8	1215	10.0	65634.3	-3910.1	1305	9.4	70735.2	-3959.1	1395	9.2	72006.8	-3928.3
1126	9.4	64714.8	-3934.6	1216	10.0	65637.8	-3947.6	1306	9.5	70742.7	-3948.8	1396	8.8	72019.8	-3919.7
1127	10.3	64721.7	-3912.0	1217	8.6	65642.7	-3918.2	1307	9.6	70753.7	-3921.3	1397	9.1	72025.3	-3928.0
1128	10.2	64724.8	-3911.9	1218	10.0	65645.2	-3949.2	1308	9.4	70753.7	-3941.4	1398	9.8	72033.7	-3929.7
1129	9.1	64738.8	-3904.1	1219	10.0	65655.7	-3916.7	1309	9.6	70755.2	-3956.3	1399	9.8	72040.2	-3929.6
1130	9.4	64738.8	-3952.4	1220	9.6	65725.7	-3932.8	1310	9.4	70802.2	-3907.0	1400	9.6	72040.2	-3916.3
1131	10.0	64740.8	-3909.6	1221	9.8	65740.7	-3920.1	1311	8.9	70825.2	-3921.0	1401	9.3	72047.2	-3932.9
1132	10.3	64745.8	-3916.6	1222	10.0	65740.7	-3942.8	1312	10.0	70831.2	-3956.0	1402	10.2	72054.2	-3928.7
1133	10.2	64750.3	-3903.2	1223	9.4	65756.7	-3921.4	1313	9.6	70831.7	-3931.0	1403	10.1	72101.7	-3948.6
1134	10.3	64816.8	-3932.1	1224	9.8	65800.7	-3907.1	1314	9.6	70832.2	-3958.5	1404	10.2	72102.2	-3908.7
1135	9.2	64839.8	-3956.5	1225	10.0	65805.7	-3954.6	1315	9.8	70845.2	-3929.9	1405	10.0	72134.2	-3949.7
1136	10.1	64839.8	-3951.0	1226	9.8	65829.2	-3932.9	1316	9.1	70853.7	-3918.1	1406	9.8	72141.7	-3931.0
1137	10.1	64844.8	-3908.5	1227	10.0	65831.2	-3909.3	1317	10.0	70856.7	-3950.9	1407	10.0	72211.1	-3922.0
1138	9.6	64846.8	-3942.2	1228	9.8	65839.2	-3953.8	1318	8.6	70858.2	-3956.2	1408	9.1	72211.1	-3919.2
1139	9.2	64854.3	-3919.5	1229	9.8	65845.4	-3957.8	1319	9.6	70859.2	-3931.2	1409	9.6	72213.1	-3904.3
1140	10.3	64854.8	-3958.5	1230	9.9	65857.2	-3925.7	1320	9.0	70908.7	-3952.1	1410	10.1	72216.1	-3922.0
1141	8.8	64858.3	-3932.2	1231	10.0	65900.7	-3941.2	1321	9.5	70915.2	-3919.0	1411	10.2	72219.1	-3902.4
1142	10.3	64908.8	-3944.6	1232	10.0	65901.2	-3953.6	1322	9.3	70917.2	-3916.4	1412	9.6	72219.1	-3928.9
1143	10.0	64917.3	-3914.2	1233	9.4	65923.7	-3926.3	1323	10.0	70933.2	-3926.0	1413	10.2	72222.6	-3936.8
1144	9.6	64936.3	-3928.8	1234	8.4	65926.7	-3946.9	1324	9.6	70943.7	-3900.5	1414	10.2	72225.6	-3936.9
1145	10.3	64944.8	-3930.3	1235	9.6	65933.2	-3913.6	1325	8.8	70950.2	-3958.9	1415	10.2	72228.5	-3930.8
1146	10.3	64954.8	-3936.1	1236	9.5	65945.7	-3934.9	1326	9.8	71000.2	-3941.1	1416	10.2	72230.1	-3920.8
1147	10.1	64954.8	-3913.6	1237	9.4	65947.7	-3912.4	1327	9.6	71006.2	-3928.0	1417	9.8	72230.6	-3929.7
1148	10.1	64957.3	-3922.1	1238	10.0	65950.7	-3946.6	1328	9.4	71020.7	-3924.6	1418	9.3	72235.1	-3933.6
1149	10.3	65000.3	-3944.1	1239	10.0	65959.7	-3908.9	1329	9.4	71059.2	-3938.0	1419	10.2	72236.1	-3959.6
1150	10.2	65000.8	-3943.7	1240	8.4	70011.2	-3944.1	1330	9.4	71100.2	-3932.7	1420	8.5	72249.1	-3935.7
1151	8.3	65001.8	-3926.2	1241	9.9	70017.2	-3919.3	1331	9.5	71109.2	-3952.2	1421	10.0	72250.1	-3943.5
1152	10.3	65004.8	-3920.2	1242	9.8	70020.7	-3954.4	1332	9.8	71121.2	-3956.2	1422	8.6	72313.1	-3933.8
1153	8.3	65004.8	-3909.1	1243	9.4	70040.7	-3947.8	1333	9.3	71126.7	-3950.6	1423	10.0	72313.6	-3953.5
1154	10.2	65019.8	-3931.4	1244	9.0	70049.7	-3911.4	1334	9.6	71141.7	-3917.1	1424	9.0	72318.1	-3908.5
1155	9.6	65024.8	-3906.3	1245	9.0	70053.7	-3935.0	1335	10.0	71149.7	-3944.3	1425	10.2	72319.1	-3932.5
1156	8.4	65025.3	-3935.9	1246	9.6	70102.2	-3956.0	1336	8.8	71223.2	-3922.8	1426	9.8	72322.1	-3910.7
1157	10.3	65025.8	-3912.9	1247	8.9	70110.2	-3905.1	1337	10.0	71228.2	-3941.1	1427	9.8	72331.6	-3919.7
1158	10.0	65028.8	-3933.4	1248	8.6	70119.7	-3941.5	1338	9.8	71240.2	-3952.1	1428	9.6	72340.1	-3929.1
1159	10.2	65030.8	-3937.5	1249	9.2	70123.9	-3901.7	1339	10.0	71255.8	-3902.0	1429	10.2	72346.6	-3945.2
1160	10.2	65034.3	-3931.3	1250	9.9	70145.4	-3922.9	1340	9.2	71300.2	-3928.2	1430	8.9	72350.1	-3946.6
1161	10.0	65034.8	-3959.1	1251	9.6	70146.9	-3932.7	1341	10.0	71302.4	-3958.0	1431	9.8	72350.1	-3920.6
1162	10.1	65035.8	-3914.5	1252	10.0	70147.4	-3924.0	1342	10.0	71315.7	-3954.2	1432	9.5	72355.1	-3935.5
1163	9.6	65052.8	-3914.5	1253	8.7	70151.4	-3940.2	1343	8.7	71323.2	-3917.1	1433	9.8	72355.1	-3908.0
1164	9.0	65053.3	-3947.7	1254	9.8	70215.4	-3901.3	1344	9.6	71325.2	-3935.0	1434	9.8	72358.1	-3913.0
1165	9.4	65100.8	-3947.5	1255	8.4	70218.4	-3906.3	1345	10.0	71335.1	-3913.5	1435	8.5	72416.1	-3911.4
1166	10.0	65100.8	-3928.1	1256	9.6	70221.4	-3902.8	1346	9.6	71351.2	-3902.2	1436	9.8	72435.6	-3923.0
1167	9.6	65101.8	-3909.8	1257	10.0	70226.9	-3948.6	1347	10.0	71351.7	-3904.8	1437	10.1	72437.6	-3903.9
1168	9.6	65108.8	-3912.9	1258	10.0	70240.3	-3921.3	1348	10.0	71352.2	-3940.0	1438	10.2	72439.7	-3900.8
1169	10.0	65110.8	-3944.1	1259	10.0	70245.4	-3954.1	1349	9.6	71400.2	-3908.6	1439	9.6	72442.9	-3909.6
1170	9.1	65110.8	-3918.3	1260	9.4	70245.4	-3909.2	1350	8.4	71400.7	-3951.4	1440	9.8	72444.9	-3907.9
1171	9.4	65122.8	-3908.3	1261	9.8	70250.4	-3925.1	1351	9.3	71410.2	-3928.2	1441	9.8	72447.4	-3949.3
1172	8.3	65131.3	-3919.2	1262	10.0	70253.9	-3942.5	1352	9.0	71420.2	-3958.4	1442	9.6	72457.9	-3945.0
1173	10.2	65134.8	-3932.0	1263	9.8	70257.9	-3922.4	1353	9.9	71440.2	-3913.1	1443	10.2	72458.9	-3903.5
1174	10.3	65135.8	-3909.8	1264	9.9	70303.4	-3920.0	1354	10.0	71440.2	-3900.7	1444	10.2	72459.9	-3944.0
1175	9.2	65146.8	-3928.7	1265	10.0	70306.9	-3943.3	1355	9.6	71451.2	-3956.4	1445	10.0	72514.9	-3935.9
1176	10.3	65157.8	-3952.9	1266	9.4	70330.4	-3903.4	1356	10.0	71458.2	-3916.3	1446	10.0	72515.9	-3938.0
1177	10.1	65203.3	-3953.1	1267	9.5	70333.4	-3941.9	1357	10.0	71459.2	-3919.0	1447	9.8	72527.4	-3950.5
1178	10.3	65210.8	-3946.4	1268	10.0	70340.4	-3905.1	1358	8.8	71505.2	-3952.8	1448	9.8	72539.9	-3917.6
1179	9.8	65214.8	-3912.5	1269	9.8	70345.9	-3907.7	1359	9.8	71535.2	-3937.5	1449	10.2	72542.1	-3906.0
1180	10.3	65218.8	-3953.5	1270	10.0	70348.9	-3935.1	1360	8.8	71555.2	-3928.8	1450	8.5	72549.9	-3919.3
1181	10.3	65219.8	-3922.1	1271	10.0	70351.4	-3904.0	1361	9.9	71604.2	-3937.1	1451	9.0	72550.4	-3923.9
1182	8.8	65230.8	-3956.8	1272	9.0	70351.9	-3905.3	1362	9.6	71605.2	-3920.6	1452	10.1	72555.9	-3931.6
1183	8.8	65234.8	-3917.6	1273	10.0	70351.9	-3907.1	1363	9.2	71620.2	-3956.0	1453	9.8	72559.9	-3904.8
1184	10.3	65240.8	-3904.1	1274	10.0	70358.9	-3914.8	1364	9.8	71620.7	-3926.9	1454	9.8	72609.9	-3904.4
1185	9.5	65254.1	-3939.5	1275	10.0	70400.4	-3937.6	1365	9.5	71621.7	-3916.8	1455	10.2	72614.9	-3941.3
1186	8.8	65259.8	-3939.8	1276	10.0	70406.9	-3923.0	1366	9.6	71633.7	-3920.6	1456	9.1	72622.4	-3936.6
1187	10.3	65305.3	-3942.8	1277	10.0	70415.4	-3917.5	1367	9.8	71635.2	-3925.6	1457	9.6	72626.9	-3927.9
1188	8.9	65314.6	-3957.7	1278	9.6	70420.4	-3951.1	1368	10.0	71700.2	-3922.9	1458	9.8	72631.9	-3935.0
1189	10.3	65319.1	-3904.5	1279	10.0	70421.9	-3911.2	1369	10.0	71715.7	-3936.2	1459	10.1	72659.4	-3916.2
1190	9.6	65323.5	-3923.8	1280	9.5	70427.9	-3900.7	1370	9.9	71720.2	-3944.0	1460	10.2	72659.9	-3947.4
1191	10.0	65324.8	-3901.0	1281	9.6	70430.4	-3936.8	1371	8.4	71747.2	-3914.6	1461	9.3	72659.9	-3946.4
1192	9.0	65332.8	-3930.1	1282	4.9	70440.4	-3927.3	1372	9.0	71800.2	-3947.4	1462	9.8	72704.9	-3905.0
1193	9.6	65334.6	-3930.1	1283	9.8	70444.4	-3943.7	1373	9.0	71803.7	-3900.8	1463	10.0	72704.9	-3947.6
1194	8.6	65336.3	-3900.4	1284	10.0	70520.4	-3924.2	1374	10.0	71809.7	-3956.4	1464	10.2	72704.9	-3958.6
1195	9.2	65338.1	-3912.5	1285	10.0	70526.9	-3925.0	1375	9.6	71810.2	-3910.0	1465	10.2	72709.9	-3948.8
1196	10.3	65358.8	-3905.2	1286	9.2	70530.4	-3938.6	1376	10.0	71815.7	-3950.8	1466	10.2	72715.9	-3943.4
1197	10.3	65359.8	-3928.7	1287	10.0	70534.4	-3904.8	1377	9.5	71816.7	-3920.2	1467	10.2	72715.9	-3915.6
1198	9.4	65410.3	-3948.4	1288	10.0	70540.4	-3926.8	1378	9.6	71818.2	-3915.3	1468	9.8	72722.9	-3927.6
1199	9.6	65419.8	-3903.0	1289	10.0	70548.4	-3934.0	1379	9.9	71820.2	-3954.7	1469	10.2	72727.4	-3934.1
1200	10.0	65429.8	-3929.9	1290	9.2	70605.9	-3934.3	1380	8.9	71826.7	-3943.8	1470	9.2	72730.9	-3905.6
1201	9.3	65436.8	-3934.4	1291	8.6	70614.2	-3924.2	1381	10.0	71842.2	-3953.0	1471	9.8	72744.9	-3908.4
1202	8.5	65441.8	-3949.1	1292	10.0	70621.2	-3904.4	1382	9.6	71854.2	-3900.9	1472	10.0	72750.3	-3901.7
1203	9.9	65443.3	-3953.9	1293	10.0	70623.7	-3902.2	1383	9.5	71901.7	-3935.0	1473	8.2	72819.4	-3944.1
1204	10.0	65445.6	-3922.9	1294	8.9	70623.7	-3937.0	1384	10.0	71905.2	-3900.1	1474	10.2	72819.9	-3923.1
1205	10.0	65503.8	-3907.1	1295	10.0	70635.7	-3909.5	1385	8.8	71909.2	-3936.0	1475	10.2	72829.1	-3901.9
1206	9.9	65506.8	-3925.1	1296	10.0	70637.2	-3955.7	1386	10.0	71925.2	-3938.6	1476	10.2	72841.6	-3922.8

-39 1477 7h28m

-39 1836 7h50m

1477	9.8	72842.1	-3902.3	1567	10.1	73603.8	-3916.0	1657	8.9	74211.0	-3918.2
1478	9.8	72847.6	-3905.3	1568	10.2	73613.3	-3924.8	1658	10.0	74211.5	-3933.0
1479	9.8	72847.6	-3949.1	1569	10.2	73615.8	-3912.4	1659	6.8	74214.5	-3945.2
1480	6.5	72858.6	-3947.4	1570	9.4	73617.3	-3907.6	1660	10.1	74219.0	-3928.4
1481	9.6	72858.6	-3912.4	1571	9.4	73631.3	-3919.6	1661	9.8	74227.5	-3927.4
1482	9.6	72907.6	-3913.7	1572	10.2	73632.8	-3950.6	1662	10.1	74231.0	-3920.2
1483	10.2	72908.6	-3938.0	1573	10.1	73637.8	-3912.2	1663	9.6	74235.0	-3943.4
1484	9.8	72914.1	-3913.3	1574	9.4	73639.6	-3900.6	1664	10.2	74239.5	-3955.4
1485	10.2	72927.6	-3917.1	1575	10.2	73641.3	-3915.2	1665	10.0	74241.7	-3900.6
1486	10.2	72928.6	-3952.4	1576	9.0	73647.3	-3908.0	1666	6.8	74244.0	-3901.5
1487	10.2	72929.6	-3931.7	1577	10.0	73648.8	-3910.6	1667	10.0	74245.0	-3923.2
1488	10.2	72929.6	-3908.7	1578	8.8	73649.3	-3901.1	1668	10.2	74245.5	-3927.4
1489	10.2	72940.1	-3919.1	1579	10.2	73649.8	-3940.2	1669	9.8	74247.0	-3949.4
1490	10.1	72940.6	-3914.6	1580	9.1	73702.8	-3919.8	1670	9.8	74254.0	-3915.2
1491	8.0	72942.1	-3938.1	1581	8.8	73707.5	-3958.9	1671	10.2	74256.0	-3933.1
1492	10.2	72944.6	-3919.2	1582	10.0	73709.3	-3955.7	1672	9.8	74259.0	-3918.4
1493	9.3	72947.1	-3924.7	1583	10.1	73709.5	-3959.4	1673	10.2	74310.0	-3938.4
1494	9.8	72947.6	-3917.2	1584	10.2	73710.4	-3913.7	1674	9.8	74310.5	-3957.0
1495	9.6	72954.1	-3919.7	1585	10.1	73715.3	-3934.9	1675	10.1	74311.5	-3953.1
1496	10.0	72955.1	-3937.9	1586	10.0	73728.3	-3950.0	1676	10.0	74316.9	-3939.0
1497	10.2	73000.6	-3922.6	1587	10.2	73738.3	-3902.5	1677	9.8	74317.0	-3921.3
1498	9.8	73009.6	-3954.6	1588	9.8	73747.8	-3917.5	1678	10.0	74321.4	-3919.4
1499	9.8	73011.1	-3953.6	1589	10.1	73748.6	-3958.7	1679	9.8	74324.4	-3941.3
1500	10.2	73018.6	-3932.5	1590	9.5	73749.3	-3921.3	1680	9.1	74328.9	-3935.1
1501	9.8	73020.1	-3936.9	1591	10.1	73750.4	-3943.9	1681	9.8	74330.4	-3917.1
1502	9.6	73021.6	-3927.9	1592	9.6	73751.3	-3917.0	1682	10.2	74334.9	-3953.3
1503	10.2	73049.6	-3932.0	1593	10.2	73751.4	-3951.3	1683	10.1	74334.9	-3933.8
1504	10.2	73055.7	-3901.5	1594	10.2	73757.3	-3939.0	1684	10.2	74334.9	-3923.0
1505	9.8	73058.1	-3920.7	1595	9.8	73804.1	-3940.7	1685	8.2	74336.4	-3934.3
1506	10.2	73059.6	-3939.7	1596	10.2	73805.6	-3902.6	1686	9.8	74338.4	-3909.5
1507	8.4	73109.6	-3907.7	1597	10.1	73811.2	-3923.7	1687	9.6	74338.4	-3948.8
1508	9.8	73120.1	-3941.1	1598	10.1	73813.1	-3928.8	1688	9.1	74343.9	-3915.1
1509	10.2	73124.6	-3915.6	1599	9.8	73820.6	-3938.2	1689	10.2	74343.9	-3947.0
1510	10.2	73132.1	-3908.3	1600	9.5	73833.6	-3947.4	1690	10.1	74347.9	-3922.9
1511	10.2	73139.1	-3908.1	1601	10.2	73835.1	-3949.8	1691	9.2	74348.9	-3926.8
1512	10.1	73140.6	-3907.6	1602	10.0	73845.1	-3908.4	1692	10.2	74352.9	-3917.4
1513	9.8	73145.6	-3956.2	1603	9.0	73849.1	-3940.0	1693	10.2	74354.4	-3935.2
1514	10.2	73153.6	-3923.0	1604	10.1	73854.1	-3911.3	1694	9.3	74358.9	-3918.1
1515	10.1	73155.1	-3922.4	1605	9.5	73854.6	-3952.9	1695	10.2	74401.4	-3948.6
1516	9.3	73204.6	-3938.4	1606	9.0	73859.6	-3951.1	1696	10.0	74401.9	-3925.7
1517	9.6	73208.6	-3951.9	1607	9.8	73901.6	-3907.6	1697	9.3	74403.9	-3910.2
1518	10.2	73212.6	-3921.1	1608	10.2	73904.1	-3932.4	1698	9.8	74404.9	-3939.2
1519	10.1	73213.6	-3908.8	1609	10.2	73907.6	-3940.9	1699	9.8	74405.4	-3928.1
1520	8.2	73216.5	-3935.0	1610	10.1	73909.1	-3942.1	1700	8.7	74407.4	-3940.7
1521	8.8	73217.0	-3945.3	1611	10.0	73909.1	-3943.4	1701	10.2	74408.4	-3915.8
1522	10.1	73223.0	-3931.9	1612	9.8	73916.1	-3916.6	1702	10.0	74417.9	-3935.1
1523	10.2	73223.5	-3902.0	1613	10.1	73917.6	-3920.4	1703	9.8	74422.9	-3944.6
1524	9.6	73225.5	-3935.0	1614	10.0	73919.1	-3957.3	1704	9.8	74422.9	-3934.7
1525	9.5	73227.0	-3942.4	1615	10.2	73920.6	-3938.2	1705	9.6	74422.9	-3932.4
1526	10.1	73238.0	-3909.5	1616	9.8	73923.1	-3940.7	1706	10.2	74423.4	-3922.0
1527	9.8	73241.5	-3924.5	1617	9.4	73928.1	-3951.4	1707	10.2	74426.1	-3959.8
1528	10.1	73241.5	-3909.6	1618	7.6	73928.1	-3934.4	1708	10.2	74430.9	-3924.6
1529	8.4	73242.0	-3954.8	1619	9.1	73929.1	-3942.5	1709	9.8	74431.4	-3925.9
1530	10.2	73250.0	-3924.3	1620	9.6	73929.1	-3938.2	1710	9.8	74432.4	-3906.9
1531	9.6	73259.5	-3949.5	1621	9.8	73929.6	-3930.6	1711	9.8	74432.4	-3945.5
1532	9.4	73317.5	-3934.0	1622	10.0	73935.1	-3927.4	1712	9.3	74433.4	-3942.4
1533	10.2	73322.5	-3931.5	1623	9.8	73937.1	-3950.2	1713	9.8	74434.4	-3922.6
1534	9.6	73325.0	-3917.9	1624	9.3	73940.1	-3947.0	1714	10.2	74436.4	-3951.4
1535	9.8	73326.0	-3915.0	1625	10.2	73940.2	-3949.6	1715	10.2	74440.9	-3942.8
1536	9.6	73327.3	-3901.6	1626	10.1	73941.3	-3930.7	1716	10.1	74440.9	-3926.2
1537	9.8	73332.0	-3943.1	1627	10.0	73957.6	-3930.7	1717	10.1	74443.4	-3948.2
1538	9.0	73336.5	-3942.4	1628	9.6	74008.1	-3944.4	1718	10.2	74444.9	-3933.0
1539	9.3	73339.5	-3955.8	1629	10.2	74017.6	-3902.2	1719	10.2	74446.9	-3928.3
1540	10.2	73340.5	-3947.3	1630	10.2	74019.1	-3916.7	1720	9.8	74449.4	-3909.0
1541	8.8	73344.5	-3911.2	1631	9.6	74019.1	-3955.1	1721	10.2	74450.4	-3944.0
1542	10.1	73349.5	-3908.8	1632	9.3	74022.1	-3911.4	1722	9.8	74457.9	-3935.3
1543	10.0	73349.5	-3918.4	1633	9.8	74022.6	-3936.9	1723	9.8	74503.9	-3938.1
1544	9.8	73349.8	-3901.7	1634	9.8	74027.1	-3928.8	1724	9.8	74506.9	-3905.5
1545	10.2	73401.5	-3927.2	1635	10.1	74030.6	-3952.4	1725	8.4	74507.3	-3956.6
1546	10.2	73406.5	-3915.4	1636	10.2	74039.1	-3908.8	1726	9.2	74507.8	-3948.2
1547	7.2	73407.5	-3942.5	1637	9.3	74040.1	-3924.6	1727	9.8	74517.8	-3941.1
1548	10.2	73407.5	-3950.4	1638	10.1	74041.5	-3904.0	1728	10.2	74518.8	-3941.8
1549	9.8	73409.0	-3935.0	1639	9.8	74045.0	-3954.8	1729	9.6	74518.8	-3907.8
1550	8.4	73409.5	-3924.4	1640	10.2	74046.7	-3957.5	1730	10.2	74519.8	-3921.0
1551	9.6	73415.0	-3947.0	1641	9.6	74048.0	-3923.4	1731	10.2	74524.3	-3921.0
1552	10.0	73415.0	-3947.7	1642	8.5	74049.0	-3932.8	1732	7.9	74529.3	-3926.3
1553	9.6	73440.3	-3923.3	1643	10.0	74059.0	-3910.1	1733	8.9	74529.5	-3958.4
1554	10.0	73500.3	-3911.5	1644	7.7	74100.0	-3902.7	1734	10.0	74533.8	-3908.3
1555	9.8	73511.8	-3926.6	1645	9.6	74108.0	-3931.8	1735	10.2	74534.0	-3944.1
1556	10.1	73513.8	-3920.4	1646	9.8	74108.5	-3942.4	1736	10.1	74534.3	-3938.3
1557	10.2	73519.3	-3944.1	1647	10.2	74111.5	-3908.4	1737	9.8	74534.3	-3955.3
1558	9.6	73529.3	-3911.9	1648	10.2	74124.5	-3917.2	1738	10.0	74538.3	-3925.5
1559	8.5	73529.5	-3959.4	1649	8.5	74139.0	-3908.4	1739	10.0	74538.8	-3917.7
1560	9.6	73545.8	-3947.8	1650	9.8	74149.0	-3951.4	1740	9.0	74539.3	-3935.7
1561	10.2	73546.8	-3903.9	1651	9.6	74153.0	-3901.9	1741	8.7	74541.8	-3953.1
1562	9.6	73548.1	-3902.0	1652	9.8	74158.0	-3924.9	1742	7.9	74543.3	-3928.4
1563	9.2	73556.8	-3918.8	1653	9.8	74158.5	-3939.4	1743	10.0	74543.3	-3906.3
1564	10.2	73559.3	-3907.0	1654	9.8	74203.5	-3903.8	1744	9.8	74543.8	-3924.4
1565	8.0	73559.8	-3907.8	1655	9.8	74204.5	-3926.1	1745	10.2	74545.8	-3934.5
1566	9.0	73602.8	-3914.6	1656	10.0	74209.5	-3945.2	1746	10.2	74547.5	-3957.1
1747	9.3	74549.8	-3912.0								
1748	9.8	74550.3	-3912.3								
1749	10.2	74552.3	-3939.9								
1750	10.2	74552.8	-3959.9								
1751	9.6	74553.3	-3921.0								
1752	9.3	74554.8	-3951.4								
1753	9.8	74558.0	-3959.9								
1754	9.8	74558.3	-3917.1								
1755	9.6	74558.3	-3903.9								
1756	10.0	74559.8	-3916.8								
1757	10.0	74605.3	-3937.4								
1758	10.2	74608.8	-3912.1								
1759	9.8	74608.8	-3912.3								
1760	9.8	74610.3	-3933.1								
1761	10.1	74610.7	-3901.0								
1762	9.6	74612.6	-3925.9								
1763	10.2	74614.8	-3924.7								
1764	10.0	74620.3	-3915.1								
1765	10.2	74621.8	-3919.2								
1766	9.0	74622.5	-3958.3								
1767	8.4	74623.3	-3924.4								
1768	10.1	74623.8	-3954.6								
1769	8.6	74625.3	-3948.8								
1770	10.1	74627.8	-3926.2								
1771	10.0	74629.2	-3912.9								
1772	10.1	74631.3	-3921.6								
1773	9.8	74632.8	-3959.0								
1774	10.0	74633.9	-3902.3								
1775	10.0	74635.2	-3947.0								
1776	10.0	74639.9	-3920.3								
1777	10.2	74640.3	-3911.2								
1778	9.3	74650.3	-3947.2								
1779	10.0	74652.0	-3928.2								
1780	9.5	74700.3	-3907.2								
1781	10.4	74708.4	-3903.7								
1782	8.8	74709.2	-3959.9								
1783	9.6	74716.7	-3913.3								
1784	9.8	74718.6	-3910.5								
1785	8.6	74720.2	-3944.8								
1786	10.4	74725.6	-3932.8								
1787	10.4	74732.1	-3904.2								
1788	10.4	74740.6	-3925.5								
1789	9.9	74745.6	-3956.1								
1790	10.4	74750.6	-3958.8								
1791	9.9	74757.1	-3909.0								
1792	10.4	74757.4	-3900.9								
1793	9.8	74759.8	-3900.0								
1794	10.2	74800.6	-3954.6								
1795	10.2	74806.6	-3935.5								
1796	10.4	74811.1	-3904.5								
1797	9.2	74811.6	-3918.7								
1798	9.4	74819.6	-3928.1								
1799	9.8	74820.0	-3959.4								
1800	10.4	74822.6	-3917.5								
1801	9.2	74825.6	-3901.9								
1802	10.4	74837.6	-3904.9								
1803	10.2	74839.1	-3918.1								
1804	9.2	74851.6	-3941.5								
1805	10.4	74856.6	-3949.1								
1806	10.4	74857.6	-3931.0								
1807	10.4	74858.0	-3958.6								
1808	9.0	74906.1	-3956.6								
1809	9.9	74914.1	-3929.5								
1810	10.2	74921.1	-3930.4								
1811	10.2	74922.1	-3908.7								
1812	10.4	74925.6	-3912.1								
1813	9.4	74925.6	-3906.1								
1814	9.8	74929.1	-3954.8								
1815	10.1	74931.1	-3937.6								
1816	9.7	74931.1	-3931.9								
1817	9.0	74932.6	-3940.1								
1818	10.4	74937.1	-3910.0								
1819	10.4	74938.1	-3910.8								
1820	10.0	74941.1	-3921.1								
1821	9.8	74941.1	-3911.0								
1822	10.4	74941.1	-3909.0								
1823	10.1	74946.1	-3932.3								
1824	10.4	74946.6	-3907.7								
1825	9.9	74952.6	-3915.7								
1826	9.7	74958.1	-3903.0								
1827	10.4	75000.5	-3902.1								
1828	10.2	75002.7	-3900.2								
1829	9.9	75010.1	-3928.2								
1830	9.6	75012.1	-3939.2								
1831	8.4	75012.6	-3948.2								
1832	8.6	75014.1	-3919.0								
1833	10.4	75019.1	-3933.9								
1834	10.2	75020.6	-3945.5								
1835	10.1	75021.1	-3939.5								
1836	9.9	75022.1	-3939.5								

-39 1837 7h50m

-39 2196 8h08m

1837	10.4	75022.1	-3921.4	1927	9.0	75519.7	-3907.5	2017	10.2	75920.5	-3945.3
1838	10.4	75024.1	-3919.2	1928	9.2	75521.7	-3938.5	2018	10.4	75923.0	-3948.2
1839	8.3	75028.6	-3940.2	1929	9.8	75534.9	-3940.6	2019	9.4	75925.0	-3909.9
1840	9.9	75030.1	-3951.2	1930	10.2	75540.9	-3937.8	2020	9.9	75929.0	-3933.4
1841	10.4	75032.1	-3944.7	1931	10.2	75540.9	-3950.0	2021	10.2	75935.0	-3918.6
1842	9.4	75032.9	-3901.8	1932	10.4	75546.4	-3912.1	2022	10.4	75938.0	-3925.7
1843	9.6	75037.6	-3942.3	1933	9.6	75559.4	-3908.1	2023	10.4	75944.0	-3945.8
1844	10.1	75038.6	-3951.0	1934	9.9	75602.4	-3920.4	2024	10.4	75944.5	-3953.2
1845	10.4	75038.6	-3911.9	1935	10.2	75603.4	-3949.7	2025	10.4	75945.0	-3945.1
1846	10.0	75043.6	-3916.7	1936	10.1	75603.4	-3908.9	2026	10.4	75953.1	-3935.0
1847	8.2	75050.1	-3924.3	1937	9.6	75604.4	-3944.1	2027	10.4	75954.0	-3905.5
1848	9.4	75050.6	-3900.5	1938	10.4	75613.4	-3929.2	2028	9.4	75955.0	-3903.4
1849	9.6	75051.6	-3929.8	1939	9.4	75614.4	-3943.1	2029	10.4	75957.0	-3925.5
1850	9.2	75052.6	-3938.6	1940	10.4	75619.4	-3924.6	2030	10.4	75959.0	-3918.9
1851	9.2	75057.9	-3903.1	1941	7.9	75620.4	-3951.3	2031	9.8	80000.0	-3911.3
1852	9.9	75058.1	-3941.1	1942	9.4	75624.4	-3947.3	2032	10.4	80002.5	-3928.4
1853	9.9	75102.9	-3930.9	1943	10.4	75624.4	-3904.1	2033	10.4	80008.5	-3919.2
1854	10.4	75112.4	-3919.7	1944	10.4	75626.4	-3912.2	2034	10.4	80016.0	-3954.9
1855	10.2	75113.9	-3910.0	1945	10.2	75627.4	-3941.2	2035	10.4	80025.0	-3931.6
1856	9.6	75119.4	-3926.1	1946	10.4	75630.9	-3950.0	2036	9.7	80029.0	-3922.2
1857	9.4	75119.9	-3908.5	1947	9.7	75635.4	-3925.8	2037	9.6	80036.0	-3910.2
1858	9.0	75120.9	-3904.8	1948	10.4	75636.9	-3956.5	2038	9.8	80039.0	-3948.7
1859	10.4	75121.4	-3951.3	1949	10.4	75641.4	-3936.5	2039	10.4	80039.0	-3943.8
1860	10.4	75124.9	-3906.2	1950	10.1	75642.9	-3940.5	2040	10.0	80039.5	-3943.8
1861	9.8	75129.9	-3913.6	1951	9.0	75643.4	-3952.3	2041	10.4	80040.5	-3938.9
1862	10.1	75131.9	-3909.2	1952	10.4	75644.6	-3959.4	2042	9.9	80043.0	-3942.8
1863	10.2	75135.4	-3938.8	1953	10.4	75645.4	-3951.9	2043	10.4	80045.0	-3919.8
1864	9.9	75136.9	-3904.3	1954	9.6	75646.4	-3927.8	2044	9.2	80049.4	-3901.9
1865	10.4	75140.3	-3920.4	1955	9.8	75646.4	-3956.6	2045	9.4	80049.8	-3958.5
1866	9.9	75140.4	-3935.2	1956	9.8	75649.4	-3949.7	2046	10.4	80053.0	-3908.6
1867	10.4	75140.4	-3903.2	1957	9.8	75649.4	-3926.5	2047	10.4	80053.5	-3937.3
1868	9.4	75148.4	-3942.1	1958	10.4	75650.4	-3908.2	2048	10.4	80058.9	-3927.2
1869	10.0	75149.9	-3919.0	1959	9.8	75650.4	-3944.7	2049	9.4	80059.0	-3909.2
1870	10.4	75155.9	-3944.0	1960	9.8	75651.9	-3937.9	2050	10.4	80059.0	-3915.0
1871	10.2	75157.1	-3957.2	1961	9.2	75654.4	-3922.9	2051	10.4	80102.3	-3949.5
1872	10.4	75200.4	-3913.1	1962	10.4	75659.4	-3920.7	2052	9.8	80102.8	-3934.0
1873	10.2	75204.9	-3924.9	1963	10.1	75659.4	-3916.1	2053	9.8	80103.8	-3934.9
1874	9.0	75215.9	-3952.9	1964	9.4	75705.9	-3909.4	2054	9.8	80107.3	-3943.8
1875	10.4	75217.9	-3942.0	1965	9.8	75714.4	-3917.4	2055	10.2	80108.2	-3959.3
1876	8.8	75219.9	-3935.9	1966	9.8	75714.4	-3945.9	2056	9.2	80108.8	-3954.1
1877	9.0	75224.9	-3917.6	1967	10.4	75715.9	-3930.6	2057	10.4	80111.8	-3916.1
1878	10.4	75228.9	-3906.1	1968	10.2	75719.1	-3910.5	2058	9.6	80115.3	-3944.2
1879	9.9	75230.4	-3931.2	1969	9.8	75722.6	-3943.2	2059	9.4	80118.3	-3929.5
1880	9.4	75234.9	-3940.8	1970	10.4	75730.9	-3959.4	2060	10.1	80119.3	-3914.3
1881	10.2	75239.9	-3944.8	1971	10.2	75735.6	-3921.4	2061	10.4	80129.3	-3911.2
1882	9.4	75240.9	-3922.1	1972	10.4	75737.6	-3921.1	2062	10.4	80129.8	-3928.4
1883	10.1	75240.9	-3949.7	1973	9.2	75738.1	-3949.7	2063	10.2	80130.8	-3944.8
1884	10.0	75243.9	-3925.5	1974	10.4	75739.1	-3928.1	2064	9.8	80143.3	-3947.3
1885	8.6	75254.9	-3941.9	1975	10.0	75741.1	-3947.1	2065	10.4	80144.3	-3957.4
1886	10.4	75257.4	-3902.3	1976	9.8	75741.1	-3910.7	2066	10.2	80144.8	-3934.0
1887	8.8	75301.9	-3910.0	1977	10.4	75748.4	-3903.5	2067	9.8	80147.4	-3959.1
1888	9.8	75303.9	-3927.2	1978	10.4	75752.1	-3903.3	2068	8.6	80148.4	-3959.6
1889	9.9	75304.9	-3905.9	1979	10.4	75754.1	-3902.7	2069	8.2	80151.8	-3944.4
1890	9.4	75310.9	-3932.0	1980	9.8	75759.1	-3907.2	2070	8.2	80152.2	-3959.2
1891	9.7	75314.7	-3926.8	1981	10.0	75801.1	-3929.0	2071	9.2	80152.8	-3945.8
1892	10.2	75314.7	-3953.9	1982	9.0	75801.1	-3910.9	2072	10.2	80153.8	-3935.6
1893	10.4	75319.7	-3925.3	1983	9.2	75805.1	-3931.4	2073	10.2	80153.8	-3933.7
1894	8.0	75324.2	-3947.2	1984	9.7	75805.1	-3912.0	2074	10.4	80159.1	-3936.0
1895	10.4	75324.7	-3909.8	1985	10.4	75805.6	-3901.3	2075	10.4	80201.8	-3917.1
1896	9.4	75327.2	-3933.6	1986	9.8	75806.6	-3910.7	2076	10.2	80208.8	-3915.1
1897	10.1	75334.7	-3909.9	1987	9.4	75808.1	-3917.3	2077	9.2	80212.8	-3933.3
1898	10.2	75335.2	-3917.1	1988	8.8	75818.1	-3946.5	2078	10.4	80222.8	-3932.7
1899	9.6	75338.7	-3929.0	1989	10.4	75818.1	-3928.7	2079	9.8	80223.8	-3930.9
1900	10.2	75338.7	-3928.0	1990	10.0	75822.6	-3917.7	2080	10.0	80227.3	-3921.9
1901	10.4	75340.2	-3919.0	1991	10.4	75822.6	-3921.5	2081	10.4	80228.8	-3928.4
1902	7.8	75348.7	-3916.5	1992	10.4	75830.1	-3952.1	2082	9.8	80234.3	-3902.2
1903	10.0	75351.2	-3929.1	1993	10.4	75830.4	-3935.9	2083	10.4	80238.3	-3937.3
1904	9.9	75351.7	-3923.9	1994	10.4	75831.6	-3951.3	2084	10.1	80247.8	-3920.6
1905	9.2	75351.7	-3921.0	1995	9.9	75832.1	-3946.7	2085	10.1	80248.8	-3936.0
1906	9.8	75353.7	-3905.1	1996	7.8	75833.1	-3952.7	2086	9.9	80253.3	-3959.8
1907	10.4	75400.7	-3907.6	1997	9.4	75838.1	-3921.5	2087	9.0	80258.8	-3908.6
1908	10.4	75401.2	-3954.3	1998	10.2	75838.1	-3912.3	2088	10.0	80303.4	-3943.3
1909	10.4	75405.2	-3946.5	1999	9.9	75839.1	-3931.5	2089	9.7	80310.4	-3927.2
1910	10.0	75405.7	-3924.0	2000	10.4	75844.6	-3942.6	2090	9.6	80312.4	-3934.3
1911	10.4	75407.2	-3931.2	2001	9.4	75845.1	-3959.3	2091	10.1	80316.9	-3906.8
1912	10.4	75414.7	-3921.2	2002	10.0	75848.1	-3943.5	2092	10.4	80323.4	-3950.4
1913	10.2	75423.2	-3948.6	2003	8.8	75849.1	-3917.7	2093	10.2	80325.9	-3927.1
1914	9.7	75431.5	-3956.7	2004	10.4	75856.6	-3930.2	2094	9.4	80327.8	-3902.9
1915	10.0	75434.7	-3942.5	2005	9.4	75859.1	-3910.9	2095	10.1	80328.9	-3924.3
1916	10.4	75437.2	-3942.0	2006	10.4	75900.6	-3936.5	2096	10.2	80334.9	-3955.2
1917	9.4	75437.2	-3909.3	2007	9.4	75904.1	-3944.5	2097	10.2	80337.4	-3953.7
1918	10.2	75439.0	-3958.3	2008	10.4	75904.1	-3935.5	2098	10.4	80338.8	-3900.0
1919	8.0	75442.7	-3904.8	2009	10.2	75906.1	-3921.6	2099	10.0	80348.4	-3933.5
1920	10.2	75444.7	-3915.9	2010	10.4	75910.6	-3926.1	2100	10.1	80348.4	-3909.9
1921	9.2	75449.7	-3943.7	2011	5.1	75911.3	-3938.9	2101	10.4	80352.4	-3940.0
1922	9.4	75449.7	-3902.9	2012	10.4	75913.1	-3900.3	2102	10.2	80358.4	-3940.4
1923	10.2	75455.2	-3908.7	2013	9.8	75914.1	-3920.5	2103	10.2	80400.9	-3951.9
1924	10.0	75459.7	-3915.0	2014	10.4	75915.0	-3926.0	2104	10.4	80404.4	-3937.5
1925	10.4	75502.7	-3903.0	2015	10.4	75917.0	-3926.6	2105	7.9	80408.4	-3908.0
1926	10.2	75509.7	-3931.4	2016	10.1	75920.5	-3959.4	2106	10.4	80408.4	-3920.1
2107	9.8	80410.4	-3916.3								
2108	9.8	80413.4	-3936.4								
2109	10.4	80414.4	-3914.6								
2110	9.4	80415.9	-3914.0								
2111	10.4	80415.9	-3931.3								
2112	9.8	80418.4	-3951.8								
2113	10.4	80426.4	-3939.1								
2114	10.0	80428.4	-3937.8								
2115	9.8	80429.4	-3939.6								
2116	9.2	80431.4	-3909.1								
2117	10.2	80432.4	-3911.5								
2118	9.4	80432.4	-3913.2								
2119	10.1	80433.4	-3937.0								
2120	8.2	80434.9	-3908.9								
2121	10.4	80437.4	-3928.8								
2122	9.6	80439.4	-3908.1								
2123	10.4	80439.4	-3916.9								
2124	10.0	80440.9	-3912.3								
2125	9.4	80442.4	-3955.4								
2126	10.2	80445.9	-3938.3								
2127	9.8	80447.4	-3904.9								
2128	9.8	80459.4	-3929.6								
2129	10.4	80502.4	-3952.2								
2130	9.8	80512.0	-3919.2								
2131	9.4	80513.0	-3955.0								
2132	9.4	80519.5	-3916.4								
2133	10.2	80519.5	-3938.7								
2134	9.4	80520.0	-3950.3								
2135	10.1	80522.5	-3929.4								
2136	9.8	80523.5	-3911.8								
2137	9.7	80528.0	-3938.0								
2138	9.6	80529.5	-3903.9								
2139	10.4	80530.4	-3957.9								
2140	9.8	80533.5	-3932.9								
2141	8.6	80537.0	-3953.0								
2142	10.4	80538.0	-3948.4								
2143	9.0	80539.0	-3925.5								
2144	9.9	80548.0	-3947.8								
2145	9.8	80548.0	-3935.0								
2146	9.8	80555.4	-3959.6								
2147	10.2	80556.5	-3918.5								
2148	10.4	80559.0	-3934.9								
2149	10.4	80601.5	-3925.2								
2150	10.4	80607.5	-3916.5								
2151	7.8	80608.0	-3917.6								
2152	10.4	80609.0	-3916.7								
2153	9.9	80609.0	-3958.6								
2154	10.2	80610.5	-3952.3								
2155	10.4	80611.0	-3924.9								
2156	9.7	80611.0	-3916.4								
2157	10.4	80611.5	-3903.0								
2158	10.4	80613.0	-3955.1								
2159	9.0	80614.0	-3907.9								
2160	10.4	80618.5	-3926.2								
2161	10.1	80619.0	-3944.1								
2162	9.4	80620.0	-3939.0								
2163	10.2	80622.5	-3907.0								
2164	10.4	80628.0	-3949.6								
2165	10.4	80630.0	-3921.3								
2166	9.7	80632.0	-3935.7								
2167	9.4	80638.5	-3949.2								
2168	9.6	80639.0	-3938.6								
2169	9.0	80642.0	-3904.2								
2170	10.1	80647.0	-3919.5								
2171	10.1	80648.6	-3917.1								
2172	10.1	80649.5	-3950.2								
2173	9.8	80651.6	-3937.2								
2174	10.2	80651.6	-3908.9								
2175	7.4	80653.6	-3914.7								
2176	9.6	80700.1	-3933.8								
2177	9.9	80700.1	-3904.2								
2178	10.2	80703.2	-3900.6								
2179	8.8	80704.9	-3900.1								
2180	9.4	80706.6	-3912.7								
2181	10.4	80707.6	-3905.8								
2182	10.4	80708.1	-3920.2								
2183	9.8	80712.1	-3949.3								
2184	9.9	80713.1	-3933.0								
2185	10.2	80720.1	-3948.1								
2186	10.4	80720.6	-3916.2								
2187	10.2	80722.6	-3936.6								
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2190	9.6	80733.6	-3935.8								
2191	9.8	80744.6	-3935.2								
2192	9.0	80750.1	-3955.2								
2193	10.2	80757.6	-3907.8								
2194	9.6	80757.6	-3935.4								
2195	9.9	80800.1	-3911.9								
2196	10.1	80803.6	-3904.0								

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2197	10.1	80806.6	-3947.7	2287	10.3	81425.2	-3901.9	2377	10.3	82054.8	-3933.2
2198	10.1	80810.1	-3910.7	2288	10.2	81425.6	-3913.6	2378	10.0	82054.8	-3937.6
2199	9.7	80813.1	-3924.2	2289	9.4	81434.1	-3906.4	2379	8.6	82055.8	-3927.9
2200	9.4	80821.1	-3946.2	2290	10.3	81444.1	-3943.8	2380	9.8	82056.8	-3937.9
2201	9.9	80823.1	-3935.7	2291	10.3	81452.1	-3921.5	2381	8.7	82058.3	-3943.2
2202	9.8	80828.1	-3945.6	2292	10.2	81456.1	-3906.5	2382	9.7	82100.8	-3905.4
2203	9.8	80837.1	-3933.3	2293	10.3	81506.1	-3923.2	2383	9.7	82100.8	-3915.3
2204	10.4	80837.6	-3931.9	2294	9.0	81508.3	-3958.3	2384	9.7	82101.3	-3919.4
2205	9.9	80841.2	-3939.9	2295	9.8	81509.1	-3936.3	2385	9.2	82106.8	-3930.3
2206	10.4	80841.7	-3957.0	2296	9.4	81515.1	-3952.5	2386	9.7	82109.8	-3943.8
2207	9.2	80842.2	-3954.3	2297	10.3	81520.1	-3905.3	2387	9.6	82110.8	-3925.9
2208	9.6	80853.2	-3916.5	2298	10.2	81525.1	-3910.1	2388	9.8	82111.3	-3907.4
2209	8.5	80854.2	-3928.4	2299	10.0	81531.6	-3920.9	2389	10.2	82116.8	-3948.3
2210	10.2	80856.7	-3903.5	2300	10.2	81602.1	-3934.9	2390	9.0	82120.8	-3909.4
2211	10.4	80857.2	-3932.7	2301	9.4	81621.1	-3947.6	2391	9.4	82121.8	-3946.9
2212	10.4	80858.7	-3903.4	2302	10.3	81631.6	-3904.0	2392	8.2	82126.3	-3928.8
2213	10.4	80902.2	-3943.3	2303	9.4	81637.1	-3933.1	2393	9.9	82130.8	-3944.9
2214	10.4	80917.2	-3918.4	2304	10.3	81647.5	-3900.5	2394	10.0	82132.8	-3917.1
2215	10.0	80921.2	-3950.5	2305	10.3	81650.6	-3941.5	2395	10.3	82133.3	-3912.2
2216	9.9	80921.7	-3934.9	2306	7.2	81652.6	-3913.4	2396	10.3	82135.3	-3917.7
2217	9.8	80923.2	-3907.2	2307	9.8	81654.1	-3949.4	2397	8.9	82136.3	-3917.6
2218	9.2	80935.6	-3957.4	2308	7.9	81659.6	-3918.8	2398	10.2	82139.0	-3958.4
2219	7.0	80936.8	-3958.1	2309	10.0	81700.8	-3958.9	2399	9.2	82149.3	-3915.9
2220	9.8	80940.7	-3917.9	2310	9.6	81702.1	-3945.4	2400	8.8	82153.8	-3944.2
2221	9.8	80950.2	-3953.9	2311	9.2	81717.1	-3953.8	2401	8.9	82156.0	-3958.8
2222	9.2	80957.2	-3941.5	2312	10.3	81717.1	-3930.7	2402	10.0	82159.5	-3958.6
2223	10.4	81004.2	-3909.3	2313	10.2	81717.6	-3951.5	2403	10.2	82200.8	-3916.8
2224	9.4	81005.2	-3944.5	2314	10.3	81721.1	-3951.0	2404	9.4	82201.8	-3913.2
2225	9.8	81015.7	-3937.4	2315	10.2	81729.3	-3959.2	2405	10.2	82211.3	-3937.5
2226	8.6	81017.2	-3922.8	2316	10.3	81737.1	-3933.7	2406	9.9	82215.8	-3937.0
2227	10.4	81024.7	-3957.6	2317	9.4	81741.1	-3913.7	2407	10.3	82218.3	-3914.8
2228	10.2	81026.2	-3938.9	2318	10.2	81742.1	-3941.2	2408	8.2	82221.1	-3900.2
2229	9.8	81028.7	-3931.4	2319	10.2	81746.1	-3921.0	2409	10.3	82224.8	-3905.5
2230	10.4	81029.7	-3954.7	2320	8.4	81756.6	-3950.3	2410	9.2	82224.8	-3956.8
2231	10.0	81037.2	-3935.2	2321	8.8	81801.1	-3904.5	2411	9.0	82229.2	-3958.7
2232	10.1	81041.7	-3929.0	2322	8.8	81811.1	-3925.2	2412	10.3	82229.9	-3919.2
2233	9.2	81042.2	-3928.2	2323	10.3	81812.1	-3905.9	2413	10.3	82230.8	-3926.3
2234	10.4	81050.7	-3900.2	2324	9.6	81813.1	-3934.0	2414	10.2	82234.8	-3919.0
2235	10.4	81057.2	-3938.4	2325	8.2	81821.1	-3929.6	2415	9.9	82235.8	-3950.7
2236	10.4	81102.2	-3907.0	2326	9.9	81827.1	-3929.9	2416	9.0	82239.9	-3930.8
2237	8.8	81104.2	-3920.1	2327	10.2	81832.1	-3923.6	2417	10.3	82240.8	-3933.3
2238	9.7	81106.2	-3900.2	2328	10.3	81833.1	-3942.9	2418	9.2	82255.3	-3929.4
2239	9.0	81107.3	-3953.3	2329	10.3	81834.3	-3904.4	2419	10.3	82256.3	-3950.0
2240	9.8	81114.8	-3949.4	2330	9.6	81835.1	-3903.1	2420	9.0	82259.8	-3913.4
2241	10.4	81126.8	-3945.8	2331	10.3	81839.6	-3928.0	2421	10.3	82300.8	-3932.9
2242	9.8	81128.3	-3917.9	2332	10.3	81840.3	-3900.3	2422	10.3	82305.8	-3918.9
2243	10.4	81135.8	-3926.9	2333	7.8	81840.3	-3958.9	2423	8.8	82306.8	-3930.1
2244	10.4	81139.8	-3927.4	2334	9.4	81846.1	-3946.9	2424	10.2	82309.8	-3910.9
2245	9.7	81140.8	-3931.7	2335	9.6	81850.1	-3954.3	2425	10.2	82311.3	-3910.0
2246	9.8	81143.8	-3947.3	2336	10.2	81850.4	-3931.9	2426	9.9	82314.3	-3932.2
2247	8.1	81151.8	-3927.8	2337	8.7	81851.9	-3935.9	2427	9.9	82318.3	-3941.0
2248	10.1	81153.8	-3954.6	2338	10.3	81859.4	-3937.9	2428	10.2	82319.1	-3925.5
2249	8.6	81154.8	-3928.9	2339	10.3	81900.9	-3916.9	2429	9.4	82320.8	-3936.5
2250	8.0	81156.8	-3922.0	2340	10.3	81902.4	-3959.8	2430	10.2	82323.8	-3908.0
2251	10.4	81202.3	-3931.3	2341	9.6	81904.9	-3933.4	2431	10.3	82326.3	-3936.8
2252	9.4	81202.4	-3902.6	2342	9.7	81905.9	-3916.4	2432	9.8	82327.8	-3922.8
2253	9.9	81207.8	-3915.0	2343	10.2	81910.9	-3911.3	2433	9.7	82329.8	-3937.9
2254	9.8	81209.8	-3905.8	2344	10.2	81912.9	-3913.7	2434	10.3	82331.8	-3908.8
2255	9.8	81209.8	-3933.2	2345	10.2	81915.9	-3951.9	2435	8.6	82331.8	-3941.2
2256	10.2	81210.3	-3917.5	2346	9.9	81922.4	-3906.2	2436	10.3	82336.3	-3949.0
2257	8.6	81211.3	-3932.5	2347	9.9	81923.2	-3902.7	2437	10.2	82341.8	-3910.4
2258	9.9	81211.8	-3937.1	2348	9.8	81925.9	-3932.0	2438	9.0	82345.3	-3941.8
2259	10.4	81217.3	-3921.2	2349	8.6	81930.9	-3922.8	2439	10.3	82352.8	-3906.7
2260	10.0	81222.3	-3933.2	2350	10.2	81931.9	-3915.3	2440	10.2	82355.8	-3917.7
2261	10.1	81231.3	-3914.7	2351	8.4	81934.9	-3938.9	2441	9.2	82357.8	-3947.1
2262	10.1	81231.3	-3905.3	2352	9.6	81935.4	-3909.3	2442	9.6	82358.8	-3947.7
2263	9.8	81236.8	-3918.2	2353	9.6	81935.7	-3956.5	2443	9.6	82400.8	-3904.4
2264	10.1	81237.8	-3953.6	2354	10.2	81936.4	-3926.3	2444	10.3	82405.3	-3911.5
2265	9.6	81241.3	-3952.8	2355	10.3	81937.1	-3915.2	2445	10.2	82410.8	-3952.8
2266	7.9	81247.3	-3951.4	2356	10.3	81940.4	-3939.6	2446	9.0	82412.8	-3951.8
2267	10.4	81250.3	-3904.7	2357	9.2	81940.9	-3937.0	2447	10.2	82412.8	-3938.5
2268	9.2	81256.5	-3942.3	2358	9.8	81941.9	-3923.2	2448	9.0	82413.8	-3938.1
2269	9.8	81308.8	-3957.4	2359	10.0	81943.9	-3911.4	2449	9.2	82414.8	-3931.8
2270	10.2	81316.2	-3906.8	2360	10.3	81945.4	-3936.5	2450	9.2	82415.8	-3952.9
2271	9.0	81319.8	-3903.7	2361	9.8	81950.2	-3901.6	2451	9.6	82415.8	-3929.9
2272	10.4	81321.5	-3906.3	2362	10.3	81951.9	-3953.9	2452	10.0	82417.3	-3908.8
2273	10.4	81326.5	-3941.9	2363	10.0	81955.9	-3947.9	2453	9.4	82419.8	-3903.3
2274	9.8	81328.0	-3919.3	2364	9.9	81956.9	-3947.6	2454	9.8	82421.3	-3957.2
2275	10.2	81330.1	-3900.7	2365	10.2	82000.9	-3922.1	2455	10.3	82423.8	-3910.9
2276	10.3	81337.1	-3913.4	2366	10.2	82001.9	-3944.6	2456	10.3	82427.3	-3932.9
2277	10.3	81338.1	-3929.0	2367	10.2	82001.9	-3928.0	2457	10.3	82434.5	-3958.2
2278	9.7	81342.2	-3928.2	2368	10.3	82016.9	-3914.0	2458	9.7	82438.8	-3917.4
2279	10.3	81356.1	-3947.4	2369	10.3	82021.9	-3920.7	2459	10.2	82440.8	-3926.1
2280	8.8	81359.8	-3958.0	2370	9.0	82022.9	-3950.6	2460	9.7	82442.3	-3913.1
2281	10.3	81400.1	-3941.5	2371	10.3	82025.9	-3947.0	2461	9.8	82443.8	-3943.9
2282	10.3	81401.1	-3922.8	2372	10.0	82030.4	-3905.6	2462	9.7	82445.8	-3947.9
2283	9.7	81402.1	-3916.2	2373	10.2	82033.9	-3915.5	2463	9.7	82446.8	-3939.4
2284	10.0	81410.6	-3949.4	2374	8.6	82036.4	-3945.7	2464	9.9	82455.8	-3929.1
2285	8.2	81410.6	-3956.3	2375	9.7	82040.9	-3929.0	2465	10.3	82503.8	-3906.7
2286	9.8	81425.1	-3915.4	2376	10.3	82041.8	-3933.2	2466	9.2	82505.8	-3948.8

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2467	9.9	82505.8	-3911.8	2557	9.9	82736.7	-3923.9	2647	9.8	82836.7	-3928.2
2468	9.8	82508.8	-3941.1	2518	10.2	82739.7	-3953.0	2548	10.3	82840.6	-3922.2
2469	9.6	82510.7	-3913.0	2519	9.8	82741.7	-3950.1	2549	9.2	82841.2	-3930.2
2470	10.3	82513.7	-3950.8	2520	9.8	82742.2	-3919.7	2550	9.8	82845.7	-3920.0
2471	9.8	82516.2	-3948.7	2521	10.0	82742.7	-3940.3	2551	10.0	82858.7	-3931.4
2472	9.7	82516.2	-3955.8	2522	9.8	82743.7	-3928.0	2552	9.2	82900.0	-3928.5
2473	10.3	82520.7	-3953.0	2523	9.8	82747.7	-3946.4	2553	9.8	82900.5	-3952.8
2474	10.2	82521.7	-3910.0	2524	10.0	82748.2	-3941.1	2554	9.9	82900.5	-3956.5
2475	9.2	82525.7	-3905.4	2525	9.9	82753.7	-3908.2	2555	9.4	82902.0	-3956.8
2476	9.8	82530.4	-3958.1	2526	8.8	82755.7	-3905.2	2556	10.3	82904.1	-3958.3
2477	9.4	82533.7	-3926.1	2527	9.2	82759.7	-3911.0				
2478	9.0	82538.7	-3923.0	2528	9.8	82759.7	-3919.5				
2479	10.3	82539.7	-3932.1	2529	9.7	82759.7	-3926.1				
2480	9.9	82550.7	-3947.8	2530	8.4	82800.7	-3947.5				
2481	10.0	82551.2	-3903.0	2531	8.7	82800.7	-3920.1				
2482	9.7	82551.7	-3938.2	2532	10.3	82804.7	-3957.3				
2483	10.3	82559.2	-3921.4	2533	9.2	82806.7	-3942.3				
2484	10.2	82601.7	-3915.4	2534	10.2	82809.7	-3902.7				
2485	10.3	82604.7	-3952.6	2535	9.2	82810.7	-3906.4				
2486	10.2	82605.2	-3956.2	2536	9.2	82810.7	-3909.7				
2487	9.8	82607.7	-3906.0	2537	9.8	82810.7	-3943.8				
2488	10.3	82610.7	-3942.0	2538	10.0	82816.2	-3940.1				
2489	9.2	82615.7	-3949.0	2539	9.9	82820.2	-3933.4				
2490	10.2	82617.2	-3939.0	2540	9.2	82820.7	-3931.2				
2491	10.0	82621.7	-3953.0	2541	9.9	82820.7	-3939.4				
2492	9.9	82622.7	-3953.6	2542	10.2	82827.2	-3945.0				
2493	10.0	82623.7	-3915.8	2543	9.8	82831.7	-3944.8				
2494	9.7	82629.2	-3955.4	2544	9.8	82832.7	-3959.6				
2495	8.8	82629.7	-3947.8	2545	10.3	82832.7	-3934.2				
2496	10.0	82629.7	-3907.8	2546	10.3	82834.7	-3945.9				
2497	9.9	82631.2	-3945.2								
2498	10.0	82631.7	-3921.8								
2499	9.6	82633.7	-3918.8								
2500	10.3	82634.2	-3933.7								
2501	9.4	82635.7	-3924.4								
2502	10.2	82638.2	-3926.8								
2503	9.8	82641.7	-3938.8								
2504	9.4	82652.2	-3948.2								
2505	9.7	82656.7	-3921.8								
2506	10.2	82700.2	-3930.8								
2507	10.0	82706.2	-3908.9								
2508	9.8	82706.7	-3937.4								
2509	10.2	82710.2	-3905.6								
2510	10.3	82715.7	-3930.3								
2511	9.8	82720.7	-3928.1								
2512	10.3	82722.2	-3952.4								
2513	9.8	82730.2	-3930.3								
2514	10.3	82732.7	-3929.2								
2515	7.8	82735.7	-3931.8								
2516	9.7	82736.7	-3923.1								

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2557	9.2	82905.5	-3930.7	2647	10.2	83222.3	-3913.5	2737	8.5	83503.3	-3948.4
2558	9.2	82905.5	-3926.0	2648	9.4	83224.3	-3914.2	2738	10.0	83504.3	-3929.1
2559	9.8	82908.0	-3927.8	2649	9.0	83227.3	-3924.4	2739	10.0	83509.8	-3943.2
2560	9.7	82909.5	-3956.1	2650	9.8	83228.3	-3921.8	2740	10.3	83511.3	-3941.8
2561	9.2	82909.5	-3915.5	2651	9.4	83231.3	-3914.7	2741	8.8	83514.3	-3919.8
2562	10.2	82910.5	-3940.0	2652	9.0	83231.3	-3935.2	2742	9.7	83520.8	-3948.6
2563	9.2	82911.0	-3924.9	2653	9.2	83235.3	-3941.1	2743	9.4	83524.8	-3916.8
2564	9.7	82911.5	-3904.1	2654	10.2	83235.3	-3926.9	2744	9.6	83524.8	-3951.2
2565	9.2	82916.5	-3915.9	2655	10.2	83239.3	-3943.3	2745	9.6	83525.8	-3937.3
2566	10.3	82917.0	-3934.8	2656	8.6	83240.3	-3915.2	2746	9.4	83526.3	-3948.8
2567	10.3	82917.0	-3904.2	2657	9.8	83241.8	-3944.8	2747	8.3	83532.3	-3937.5
2568	10.0	82925.0	-3923.5	2658	10.3	83245.3	-3954.0	2748	9.9	83536.3	-3904.0
2569	8.5	82930.5	-3933.5	2659	7.9	83247.8	-3942.8	2749	10.3	83542.3	-3951.8
2570	8.2	82935.5	-3918.1	2660	9.2	83248.8	-3939.8	2750	5.3	83543.3	-3949.2
2571	10.3	82938.0	-3927.2	2661	9.2	83248.8	-3929.4	2751	10.3	83543.8	-3952.2
2572	10.2	82942.0	-3906.3	2662	9.7	83250.3	-3953.0	2752	9.4	83544.3	-3917.6
2573	10.3	82942.5	-3950.6	2663	10.3	83250.8	-3959.9	2753	9.6	83549.8	-3957.7
2574	9.8	82943.0	-3926.4	2664	10.2	83252.3	-3954.3	2754	10.2	83551.3	-3914.0
2575	9.8	82948.0	-3918.8	2665	10.3	83253.8	-3944.2	2755	9.7	83605.3	-3909.5
2576	10.2	82949.5	-3941.7	2666	9.8	83254.3	-3956.6	2756	9.2	83612.3	-3919.4
2577	9.7	82955.5	-3943.0	2667	9.7	83255.3	-3940.7	2757	9.8	83616.3	-3911.8
2578	9.8	83017.5	-3924.7	2668	9.2	83259.8	-3940.3	2758	9.4	83617.3	-3935.2
2579	9.8	83019.0	-3924.4	2669	9.4	83300.3	-3934.6	2759	10.2	83619.3	-3922.2
2580	10.3	83020.3	-3901.1	2670	9.4	83300.8	-3908.9	2760	9.8	83621.3	-3909.5
2581	10.2	83020.5	-3945.9	2671	8.8	83301.3	-3956.0	2761	9.8	83622.8	-3916.6
2582	10.0	83026.5	-3928.4	2672	9.4	83301.3	-3927.5	2762	10.3	83624.3	-3929.4
2583	9.6	83030.5	-3946.0	2673	9.2	83302.3	-3956.9	2763	10.2	83634.3	-3953.0
2584	9.8	83030.5	-3907.0	2674	9.2	83305.3	-3945.4	2764	9.2	83636.3	-3942.4
2585	9.6	83036.0	-3939.5	2675	9.9	83306.3	-3927.4	2765	10.2	83639.3	-3947.6
2586	9.0	83036.5	-3924.0	2676	9.8	83308.3	-3948.3	2766	9.6	83641.3	-3947.8
2587	7.7	83036.5	-3932.4	2677	9.7	83309.8	-3944.9	2767	10.3	83654.3	-3959.9
2588	8.6	83038.5	-3915.0	2678	9.8	83310.3	-3915.4	2768	10.3	83655.3	-3959.9
2589	9.8	83039.5	-3944.3	2679	10.0	83310.9	-3958.0	2769	10.0	83656.3	-3907.2
2590	10.3	83040.0	-3903.6	2680	10.3	83311.3	-3947.7	2770	9.7	83659.3	-3901.1
2591	9.8	83042.5	-3931.8	2681	10.2	83314.8	-3941.6	2771	9.7	83700.3	-3902.8
2592	10.3	83042.5	-3950.9	2682	10.2	83316.8	-3937.6	2772	9.2	83710.3	-3918.1
2593	10.3	83043.0	-3903.9	2683	9.8	83317.8	-3949.8	2773	10.2	83721.2	-3929.6
2594	9.8	83044.5	-3941.2	2684	8.8	83319.3	-3936.8	2774	9.6	83722.7	-3935.8
2595	10.3	83045.0	-3901.7	2685	10.0	83321.3	-3939.5	2775	9.4	83723.7	-3916.5
2596	10.3	83046.5	-3950.9	2686	8.6	83321.3	-3956.2	2776	9.4	83724.2	-3957.9
2597	9.6	83046.9	-3927.7	2687	9.8	83323.3	-3931.2	2777	8.7	83729.2	-3939.2
2598	10.2	83048.4	-3950.5	2688	10.0	83324.3	-3921.1	2778	9.6	83729.2	-3903.9
2599	10.0	83051.4	-3906.1	2689	9.6	83324.3	-3949.4	2779	10.0	83739.7	-3949.4
2600	9.4	83052.4	-3928.2	2690	9.0	83324.8	-3907.9	2780	8.2	83742.2	-3921.5
2601	9.0	83054.4	-3932.7	2691	10.0	83330.3	-3931.6	2781	9.8	83750.2	-3906.0
2602	10.2	83055.4	-3933.3	2692	10.3	83330.3	-3953.2	2782	9.8	83751.2	-3933.1
2603	10.2	83104.4	-3945.2	2693	9.2	83332.3	-3906.6	2783	9.4	83752.2	-3952.1
2604	9.8	83104.4	-3939.4	2694	9.0	83333.3	-3905.9	2784	10.0	83758.2	-3928.5
2605	9.7	83109.4	-3928.0	2695	7.9	83333.8	-3938.6	2785	9.8	83759.2	-3910.7
2606	10.0	83110.9	-3926.3	2696	8.6	83334.3	-3925.8	2786	10.0	83800.2	-3933.9
2607	10.3	83112.4	-3905.1	2697	9.8	83334.3	-3902.0	2787	10.2	83801.2	-3900.5
2608	10.3	83115.9	-3926.6	2698	10.2	83335.3	-3932.0	2788	10.2	83804.7	-3954.1
2609	10.3	83119.4	-3933.3	2699	10.2	83337.8	-3946.6	2789	10.3	83807.7	-3933.8
2610	8.6	83119.4	-3914.2	2700	9.8	83339.1	-3930.9	2790	9.6	83824.2	-3926.2
2611	9.2	83123.9	-3930.4	2701	9.8	83339.3	-3942.9	2791	8.8	83825.2	-3920.7
2612	9.2	83124.4	-3932.9	2702	8.8	83339.3	-3918.6	2792	10.2	83832.7	-3902.1
2613	10.2	83125.4	-3940.8	2703	9.2	83341.3	-3919.4	2793	9.6	83835.2	-3922.9
2614	9.4	83125.4	-3929.8	2704	9.7	83344.3	-3936.8	2794	9.2	83835.2	-3910.1
2615	9.8	83125.9	-3925.1	2705	10.0	83347.3	-3952.8	2795	10.2	83839.6	-3900.8
2616	9.7	83125.9	-3908.4	2706	10.2	83350.3	-3947.0	2796	9.7	83839.7	-3926.7
2617	10.2	83126.0	-3959.1	2707	10.0	83352.3	-3945.2	2797	9.8	83841.6	-3900.0
2618	9.2	83126.4	-3944.3	2708	9.7	83354.3	-3929.6	2798	9.4	83844.2	-3916.3
2619	10.2	83126.4	-3937.0	2709	10.3	83355.3	-3912.8	2799	10.3	83848.0	-3959.0
2620	10.2	83128.4	-3912.9	2710	9.9	83358.3	-3954.1	2800	10.2	83850.2	-3930.3
2621	9.6	83130.4	-3929.0	2711	9.8	83400.3	-3955.4	2801	10.3	83851.2	-3921.0
2622	8.6	83136.4	-3947.7	2712	10.2	83401.3	-3940.1	2802	9.2	83851.2	-3946.1
2623	10.3	83137.4	-3945.9	2713	9.4	83401.3	-3929.1	2803	8.5	83853.2	-3909.0
2624	10.0	83139.4	-3937.0	2714	9.4	83401.3	-3929.6	2804	9.0	83858.2	-3948.8
2625	9.4	83140.4	-3937.6	2715	9.8	83406.3	-3946.4	2805	10.0	83900.2	-3944.9
2626	9.9	83140.4	-3908.2	2716	10.3	83407.3	-3918.0	2806	9.7	83900.7	-3910.5
2627	8.8	83142.4	-3929.2	2717	8.8	83409.8	-3937.9	2807	9.4	83905.2	-3908.0
2628	9.2	83148.9	-3908.9	2718	10.2	83411.3	-3956.1	2808	10.2	83910.2	-3950.1
2629	10.3	83148.9	-3953.8	2719	9.7	83415.3	-3911.9	2809	9.6	83910.2	-3922.6
2630	9.9	83149.4	-3925.9	2720	10.0	83420.8	-3971..	2810	9.7	83912.7	-3908.8
2631	9.8	83150.4	-3945.4	2721	10.0	83422.3	-3915.4	2811	9.2	83913.7	-3946.9
2632	9.6	83152.4	-3918.3	2722	9.7	83422.3	-3903.9	2812	9.4	83915.8	-3950.6
2633	10.0	83153.9	-3944.7	2723	10.2	83429.8	-3936.8	2813	9.0	83918.0	-3944.6
2634	10.2	83157.9	-3926.7	2724	9.8	83432.3	-3904.5	2814	10.3	83921.2	-3940.4
2635	10.3	83158.4	-3958.0	2725	8.0	83435.1	-3958.7	2815	9.8	83923.9	-3942.9
2636	10.3	83200.4	-3924.2	2726	10.0	83436.3	-3908.0	2816	10.3	83924.6	-3959.8
2637	9.6	83200.4	-3941.1	2727	7.8	83441.3	-3921.4	2817	9.8	83930.1	-3948.9
2638	9.2	83207.9	-3927.5	2728	10.0	83441.3	-3925.4	2818	9.8	83930.7	-3947.3
2639	9.8	83209.9	-3941.4	2729	9.8	83441.3	-3944.0	2819	9.0	83931.6	-3905.4
2640	10.2	83210.4	-3948.9	2730	10.0	83442.8	-3946.2	2820	9.7	83932.1	-3949.7
2641	9.7	83211.4	-3920.0	2731	10.3	83445.3	-3959.9	2821	8.4	83934.6	-3940.0
2642	10.2	83215.8	-3952.0	2732	9.7	83448.3	-3911.8	2822	10.2	83935.6	-3912.0
2643	9.8	83215.9	-3950.1	2733	9.7	83450.3	-3906.8	2823	9.8	83936.1	-3949.1
2644	10.3	83218.3	-3922.9	2734	9.4	83455.3	-3921.8	2824	10.3	83944.1	-3900.1
2645	9.8	83219.3	-3914.8	2735	8.8	83456.3	-3920.9	2825	9.2	83947.7	-3942.3
2646	10.3	83221.8	-3934.8	2736	10.0	83500.8	-3910.3	2826	10.3	83953.6	-3936.3
2827	9.9	84002.2	-3939.8								
2828	10.3	84003.2	-3944.0								
2829	8.8	84007.6	-3928.6								
2830	10.2	84010.1	-3917.6								
2831	10.0	84012.8	-3930.7								
2832	10.4	84020.3	-3911.0								
2833	10.4	84020.3	-3947.9								
2834	9.6	84028.3	-3903.7								
2835	10.4	84037.0	-3959.3								
2836	9.2	84041.8	-3929.1								
2837	9.8	84048.7	-3956.8								
2838	8.1	84053.8	-3917.8								
2839	10.4	84055.3	-3956.0								
2840	10.4	84102.3	-3954.5								
2841	9.2	84111.8	-3938.1								
2842	10.4	84116.3	-3911.1								
2843	9.2	84117.8	-3934.0								
2844	8.4	84120.8	-3950.6								
2845	9.6	84123.8	-3946.6								
2846	10.4	84125.3	-3957.9								
2847	10.4	84133.3	-3909.0								
2848	10.4	84134.8	-3907.0								
2849	10.2	84134.8	-3931.2								
2850	9.7	84135.3	-3946.1								
2851	10.2	84137.3	-3915.3								
2852	7.5	84142.3	-3956.5								
2853	9.8	84142.8	-3949.7								
2854	8.9	84151.3	-3956.8								
2855	9.8	84151.8	-3922.6								
2856	10.0	84158.8	-3907.9								
2857	9.8	84203.8	-3920.5								
2858	7.6	84204.3	-3926.8								
2859	9.6	84206.3	-3917.5								
2860	7.6	84208.8	-3902.4								
2861	10.0	84210.8	-3901.4								
2862	9.6	84211.8	-3933.8								
2863	10.0	84215.8	-3906.7								
2864	10.1	84216.3	-3956.5								
2865	8.9	84219.3	-3927.0								
2866	10.4	84225.3	-3942.4								
2867	9.7	84229.8	-3932.5								
2868	9.1	84230.2	-3956.3								
2869	10.4	84234.7	-3927.9								
2870	9.2	84240.2	-3949.0								
2871	7.5	84241.7	-3920.5								
2872	9.6	84241.7	-3908.5								
2873	10.4	84243.7	-3929.3								
2874	10.4	84245.7	-3955.7								
2875	10.4	84246.7	-3948.3								
2876	9.8	84247.7	-3934.7								
2877	10.4	84251.7	-3915.9								
2878	10.1	84254.2	-3918.1								
2879	10.4	84254.7	-3935.1								
2880	8.6	84255.2	-3946.3								
2881	10.4	84256.2	-3932.9								
2882	10.4	84300.2	-3952.8								
2883	9.8	84310.2	-3942.7								
2884	9.7	84314.2	-3919.0								
2885	10.4	84319.7	-3900.9								
2886	10.4	84330.7	-3913.5								
2887	10.1	84331.7	-3913.5								
2888	10.4	84337.7	-3903.0								
2889	9.2	84338.7	-3907.3								
2890	10.4	84342.7	-3903.7								
2891	10.4	84348.7	-3953.3								
2892	9.1	84351.2	-3920.0								
2893	8.9	84359.2	-3920.6								
2894	10.4	84400.3	-3926.8								
2895	9.3	84401.2	-3908.1								
2896	10.1	84404.2	-3937.7								
2897	9.3	84405.2	-3933.5								
2898	10.4	84408.2	-3905.3								
2899	10.4	84412.7	-3956.8								
2900	7.8	84413.2	-3949.9								
2901	9.6	84413.7	-3908.2								
2902	10.4	84416.2	-3928.1								
2903	9.3	84419.6	-3900.7								
2904	10.4	84420.7	-3946.5								
2905	10.0	84423.2	-3903.3								
2906	7.8	84426.2	-3929.7								
2907	9.6	84432.7	-3942.9								
2908	9.8	84436.2	-3912.1								
2909	9.3	84449.0	-3906.3								
2910	10.4	84449.5	-3934.1								
2911	8.9	84453.0	-3906.9								
2912	10.4	84455.0	-3906.3								
2913	6.0	84500.0	-3951.4								
2914	9.8	84501.0	-3903.4								
2915	9.8	84501.5	-3942.5								
2916	10.0	84510.0	-3917.8								

-39 2917 8h45m

-39 3276 9h07m

2917	8.5	84515.5	-3955.0	3007	9.2	85008.4	-3938.7	3097	9.4	85514.7	-3927.0
2918	10.2	84517.0	-3901.9	3008	9.2	85014.9	-3950.7	3098	9.8	85520.7	-3938.5
2919	10.4	84525.0	-3928.0	3009	10.2	85014.9	-3939.5	3099	9.7	85521.2	-3915.2
2920	10.4	84526.5	-3940.3	3010	8.5	85016.9	-3918.5	3100	9.2	85525.7	-3903.8
2921	10.4	84530.0	-3922.4	3011	9.8	85019.9	-3943.9	3101	10.4	85525.7	-3958.2
2922	9.6	84531.0	-3902.3	3012	10.0	85028.9	-3907.6	3102	9.3	85527.7	-3910.3
2923	10.4	84546.5	-3912.3	3013	10.4	85030.4	-3953.7	3103	9.6	85531.2	-3941.5
2924	9.7	84549.0	-3936.2	3014	10.4	85033.9	-3958.3	3104	10.0	85532.7	-3951.7
2925	9.4	84549.0	-3916.7	3015	9.8	85034.4	-3937.2	3105	10.0	85533.2	-3938.4
2926	10.0	84550.0	-3919.7	3016	10.4	85036.4	-3908.2	3106	10.2	85534.7	-3938.2
2927	10.2	84552.5	-3929.7	3017	9.8	85042.4	-3906.1	3107	10.4	85536.5	-3902.1
2928	10.0	84555.5	-3925.0	3018	9.2	85049.3	-3902.3	3108	9.8	85540.2	-3924.3
2929	9.6	84558.0	-3931.7	3019	10.4	85052.4	-3938.5	3109	8.8	85544.7	-3952.2
2930	9.4	84600.0	-3945.7	3020	9.8	85109.9	-3954.1	3110	10.2	85544.7	-3932.7
2931	9.6	84600.0	-3906.8	3021	9.8	85109.9	-3954.8	3111	10.4	85548.7	-3935.7
2932	10.0	84605.0	-3935.0	3022	10.4	85109.9	-3912.7	3112	10.4	85558.2	-3916.0
2933	10.0	84610.0	-3916.2	3023	9.3	85111.4	-3924.2	3113	9.6	85600.7	-3916.0
2934	9.3	84620.0	-3950.5	3024	9.7	85112.9	-3933.0	3114	9.2	85605.2	-3926.0
2935	10.2	84635.5	-3929.5	3025	9.7	85115.1	-3900.1	3115	9.6	85612.2	-3936.1
2936	7.6	84638.0	-3916.5	3026	10.2	85118.9	-3920.0	3116	10.1	85613.2	-3931.8
2937	9.4	84641.0	-3956.2	3027	10.4	85121.1	-3933.1	3117	9.2	85615.2	-3922.5
2938	9.8	84644.5	-3938.1	3028	9.8	85121.9	-3958.9	3118	10.2	85618.7	-3923.5
2939	9.7	84648.0	-3950.7	3029	10.2	85124.4	-3930.7	3119	10.4	85619.6	-3932.3
2940	9.6	84650.0	-3926.8	3030	10.0	85125.4	-3908.3	3120	9.6	85622.1	-3950.2
2941	10.4	84657.8	-3957.7	3031	10.4	85125.4	-3909.8	3121	10.0	85622.1	-3949.2
2942	9.8	84659.0	-3954.3	3032	9.7	85129.9	-3926.8	3122	9.7	85628.6	-3906.8
2943	9.8	84701.0	-3926.5	3033	10.0	85130.8	-3901.2	3123	10.4	85630.6	-3949.0
2944	10.0	84702.5	-3944.2	3034	9.7	85131.8	-3925.2	3124	10.0	85635.6	-3946.5
2945	8.9	84705.0	-3931.9	3035	10.4	85137.3	-3935.6	3125	10.4	85639.6	-3935.3
2946	10.2	84705.0	-3957.1	3036	8.7	85137.8	-3916.4	3126	9.8	85640.1	-3959.3
2947	10.1	84709.0	-3955.1	3037	10.0	85139.8	-3929.2	3127	10.4	85649.6	-3905.5
2948	10.4	84710.0	-3911.7	3038	9.6	85140.8	-3958.3	3128	10.4	85659.1	-3928.3
2949	9.8	84713.5	-3955.5	3039	9.7	85143.8	-3929.9	3129	10.1	85703.1	-3904.2
2950	10.0	84717.9	-3955.3	3040	10.4	85145.3	-3907.4	3130	9.2	85709.1	-3920.7
2951	10.2	84718.9	-3911.5	3041	9.8	85148.8	-3910.8	3131	10.0	85709.6	-3949.9
2952	10.4	84718.9	-3959.9	3042	10.4	85154.8	-3912.8	3132	9.6	85710.6	-3937.2
2953	9.8	84719.9	-3934.7	3043	9.2	85201.8	-3938.8	3133	10.0	85715.6	-3904.5
2954	10.4	84720.9	-3955.0	3044	9.2	85202.3	-3909.7	3134	10.4	85718.6	-3950.9
2955	9.8	84721.4	-3907.7	3045	9.7	85204.8	-3930.8	3135	10.0	85721.6	-3923.7
2956	10.4	84726.9	-3907.9	3046	10.0	85204.8	-3932.8	3136	9.6	85724.6	-3919.3
2957	10.4	84729.9	-3958.9	3047	10.0	85209.3	-3951.3	3137	9.4	85734.6	-3920.8
2958	9.2	84731.0	-3917.1	3048	9.2	85209.8	-3953.2	3138	9.8	85735.6	-3925.8
2959	10.4	84733.9	-3903.1	3049	9.6	85211.8	-3903.2	3139	10.4	85742.6	-3935.2
2960	10.2	84736.4	-3925.1	3050	10.4	85215.8	-3911.2	3140	9.2	85748.6	-3909.6
2961	10.1	84737.9	-3934.6	3051	9.8	85221.3	-3912.2	3141	9.8	85752.6	-3945.8
2962	9.4	84740.9	-3921.7	3052	10.1	85221.8	-3932.8	3142	10.4	85753.8	-3931.2
2963	10.4	84750.9	-3905.6	3053	10.2	85223.8	-3933.1	3143	9.2	85754.6	-3914.4
2964	9.2	84756.9	-3947.0	3054	10.0	85223.8	-3907.4	3144	10.2	85801.1	-3914.0
2965	9.7	84758.9	-3931.7	3055	10.4	85224.8	-3906.5	3145	10.4	85801.8	-3915.1
2966	10.0	84759.4	-3911.2	3056	10.4	85229.8	-3949.4	3146	10.4	85804.6	-3928.0
2967	9.8	84808.9	-3930.8	3057	8.9	85234.3	-3941.4	3147	10.4	85808.6	-3940.2
2968	9.7	84812.4	-3902.1	3058	9.8	85234.8	-3903.6	3148	10.2	85813.6	-3923.4
2969	9.7	84813.9	-3947.8	3059	9.2	85240.0	-3900.2	3149	9.8	85815.1	-3913.6
2970	10.4	84815.4	-3923.1	3060	9.8	85240.8	-3909.2	3150	10.4	85815.6	-3923.7
2971	10.2	84820.9	-3955.9	3061	9.1	85244.8	-3917.8	3151	9.4	85827.6	-3919.1
2972	10.4	84828.1	-3900.3	3062	9.3	85246.8	-3947.9	3152	10.4	85827.6	-3932.4
2973	10.2	84828.7	-3956.9	3063	9.8	85250.8	-3944.8	3153	9.8	85837.6	-3950.3
2974	9.7	84829.9	-3954.9	3064	10.0	85257.8	-3945.2	3154	9.6	85845.1	-3910.2
2975	10.0	84833.9	-3944.9	3065	10.4	85259.3	-3912.6	3155	9.1	85847.6	-3937.5
2976	9.7	84835.4	-3900.1	3066	9.8	85304.8	-3949.1	3156	9.2	85849.4	-3942.8
2977	9.8	84837.9	-3924.3	3067	10.2	85308.8	-3951.8	3157	10.4	85850.6	-3929.5
2978	9.1	84841.9	-3944.2	3068	8.8	85313.3	-3936.2	3158	10.4	85850.6	-3931.4
2979	9.6	84848.9	-3928.9	3069	10.2	85317.8	-3944.3	3159	9.3	85858.4	-3935.5
2980	10.4	84848.9	-3936.9	3070	10.2	85319.3	-3909.4	3160	10.2	85900.4	-3909.9
2981	9.8	84858.9	-3914.9	3071	9.2	85319.8	-3946.8	3161	10.2	85921.4	-3929.3
2982	10.0	84859.9	-3937.7	3072	10.4	85320.3	-3916.8	3162	10.2	85921.9	-3930.3
2983	10.4	84901.4	-3941.9	3073	10.0	85321.3	-3903.1	3163	10.4	85930.4	-3934.1
2984	8.3	84904.9	-3931.6	3074	10.1	85328.3	-3925.6	3164	10.1	85931.4	-3954.4
2985	8.7	84909.9	-3949.7	3075	9.6	85333.3	-3953.2	3165	10.0	85933.4	-3931.5
2986	7.4	84910.2	-3958.5	3076	9.8	85338.3	-3934.1	3166	10.4	85933.6	-3900.4
2987	9.2	84910.4	-3909.0	3077	10.0	85343.8	-3923.8	3167	10.4	85939.4	-3905.4
2988	10.0	84911.9	-3938.2	3078	10.0	85346.2	-3922.8	3168	9.4	85949.9	-3939.8
2989	9.8	84911.9	-3907.6	3079	10.4	85358.2	-3956.1	3169	9.4	85950.4	-3947.0
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2991	10.0	84914.9	-3925.3	3081	10.2	85415.7	-3942.4	3171	10.4	90004.4	-3909.0
2992	10.4	84915.4	-3951.9	3082	10.4	85421.7	-3916.6	3172	10.4	90006.9	-3904.2
2993	10.2	84916.9	-3929.2	3083	10.2	85422.2	-3929.0	3173	10.1	90009.9	-3940.6
2994	10.4	84919.4	-3926.4	3084	10.2	85423.7	-3935.7	3174	10.1	90014.9	-3908.1
2995	10.4	84919.9	-3947.0	3085	9.8	85424.7	-3949.2	3175	9.4	90014.9	-3951.5
2996	10.0	84933.4	-3931.0	3086	10.4	85426.7	-3909.8	3176	9.2	90015.4	-3955.4
2997	10.2	84934.4	-3948.3	3087	9.6	85431.7	-3927.6	3177	9.2	90023.4	-3928.1
2998	8.9	84934.9	-3912.3	3088	10.4	85440.7	-3924.2	3178	9.8	90023.9	-3938.1
2999	9.4	84935.4	-3931.9	3089	9.8	85444.7	-3957.5	3179	10.2	90025.4	-3940.9
3000	8.1	84955.9	-3900.6	3090	9.7	85445.2	-3956.7	3180	10.4	90031.4	-3938.8
3001	9.6	84958.4	-3910.2	3091	10.4	85446.2	-3946.1	3181	10.4	90033.4	-3931.4
3002	9.6	84959.9	-3912.7	3092	10.4	85450.2	-3906.6	3182	9.8	90033.9	-3921.0
3003	9.8	84959.9	-3955.1	3093	10.2	85509.7	-3921.4	3183	10.4	90035.4	-3931.7
3004	9.7	84959.9	-3938.0	3094	10.4	85510.7	-3936.2	3184	10.4	90038.9	-3939.0
3005	9.8	85002.4	-3919.2	3095	9.8	85511.7	-3955.0	3185	9.8	90044.4	-3956.6
3006	10.0	85002.4	-3911.4	3096	10.4	85512.7	-3936.8	3186	10.0	90047.9	-3950.0
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3192	10.2	90111.4	-3943.5								
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3196	9.7	90128.4	-3928.5								
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3210	10.4	90209.3	-3911.7								
3211	10.0	90210.3	-3924.2								
3212	10.2	90210.3	-3931.9								
3213	9.8	90212.0	-3957.5								
3214	9.2	90214.3	-3900.4								
3215	9.8	90231.3	-3957.9								
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3221	10.4	90250.3	-3944.2								
3222	10.4	90303.8	-3930.4								
3223	9.6	90304.8	-3947.5								
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3235	9.8	90349.3	-3916.3								
3236	10.0	90351.3	-3912.1								
3237	10.4	90352.8	-3941.8								
3238	10.4	90354.8	-3948.5								
3239	10.4	90409.7	-3920.4								
3240	10.2	90420.2	-3922.9								
3241	9.3	90425.7	-3950.2								
3242	10.0	90430.2	-3944.9								
3243	10.4	90434.2	-3906.0								
3244	9.2	90447.2	-3934.9								
3245	9.7	90457.2	-3925.6								
3246	10.0	90457.2	-3958.2								
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3251	9.7	90523.7	-3933.4								
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3259	9.6	90543.2	-3951.2								
3260	10.2	90544.2	-3928.0								
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3262	9.6	90551.2	-3917.6								
3263	8.5	90555.4	-3902.6								
3264	10.5	90556.1	-3941.4								
3265	10.4	90607.1	-3950.8								
3266	9.0	90609.4	-3941.3								
3267	9.4	90617.1	-3925.1								
3268	10.5	90622.9	-3942.4								
3269	8.4	90625.4	-3905.6								
3270	10.4	90629.6	-3930.2								
3271	9.4	90634.9	-3900.5								
3272	10.5	90638.9	-3908.9								
3273	10.4	90700.4	-3921.1								
3274	8.1	90701.9	-3949.4								
3275	10.0	90704.6	-3926.4								
3276	10.5	90704.8	-3941.2								

3277	10.5	90706.6	-3942.0	3367	9.8	91122.6	-3959.8	3457	10.2	91534.4	-3958.3
3278	10.0	90710.1	-3927.3	3368	10.5	91123.9	-3910.6	3458	9.8	91541.4	-3947.1
3279	10.5	90715.6	-3950.0	3369	9.8	91124.4	-3915.2	3459	9.3	91541.9	-3922.2
3280	9.5	90718.6	-3916.9	3370	10.5	91131.4	-3940.9	3460	10.2	91555.4	-3947.3
3281	10.5	90721.6	-3949.4	3371	10.0	91132.4	-3945.4	3461	10.4	91557.3	-3958.8
3282	9.0	90721.6	-3932.1	3372	10.5	91133.4	-3926.7	3462	10.5	91600.4	-3904.2
3283	10.5	90722.1	-3941.8	3373	10.2	91134.9	-3934.1	3463	10.5	91601.4	-3905.5
3284	10.2	90724.6	-3914.9	3374	9.8	91135.4	-3918.7	3464	9.9	91604.9	-3909.9
3285	9.9	90730.6	-3921.2	3375	10.4	91138.4	-3928.4	3465	10.0	91604.9	-3933.2
3286	9.9	90731.6	-3912.6	3376	10.2	91139.4	-3945.2	3466	9.8	91607.8	-3958.9
3287	10.5	90732.6	-3932.0	3377	10.5	91144.4	-3930.4	3467	10.0	91611.9	-3949.3
3288	9.4	90734.6	-3929.6	3378	10.0	91145.4	-3956.5	3468	10.0	91614.4	-3931.3
3289	10.5	90736.3	-3909.2	3379	10.5	91150.9	-3936.1	3469	9.5	91615.4	-3937.8
3290	10.4	90737.3	-3901.0	3380	10.2	91153.9	-3939.0	3470	10.2	91620.4	-3923.1
3291	10.5	90739.9	-3945.6	3381	10.2	91154.9	-3931.8	3471	10.5	91628.4	-3912.1
3292	10.0	90741.4	-3941.1	3382	10.0	91158.9	-3916.9	3472	9.4	91631.4	-3924.0
3293	10.2	90741.4	-3908.3	3383	10.2	91202.4	-3957.8	3473	9.8	91634.4	-3933.5
3294	10.4	90741.9	-3916.4	3384	7.8	91204.4	-3935.7	3474	8.6	91636.9	-3909.9
3295	10.0	90745.4	-3951.4	3385	10.5	91207.9	-3962.6	3475	10.4	91645.4	-3951.1
3296	10.2	90745.4	-3901.1	3386	9.9	91214.9	-3953.7	3476	9.2	91649.4	-3925.5
3297	10.2	90748.4	-3936.9	3387	10.4	91215.9	-3918.6	3477	10.2	91650.4	-3923.9
3298	10.0	90750.4	-3937.5	3388	9.2	91219.4	-3912.0	3478	9.4	91654.4	-3917.9
3299	10.0	90750.4	-3954.0	3389	10.4	91225.4	-3907.0	3479	9.8	91706.9	-3935.7
3300	10.5	90751.3	-3920.9	3390	10.4	91229.4	-3933.1	3480	10.4	91707.9	-3912.9
3301	9.4	90751.9	-3927.4	3391	9.8	91236.9	-3944.2	3481	9.8	91715.9	-3912.2
3302	10.5	90757.9	-3942.9	3392	10.0	91243.4	-3908.4	3482	9.7	91715.9	-3928.5
3303	9.9	90759.6	-3957.7	3393	9.3	91243.4	-3958.3	3483	10.4	91718.4	-3926.4
3304	10.5	90800.4	-3955.1	3394	10.0	91245.4	-3908.0	3484	10.4	91719.9	-3929.4
3305	10.5	90805.4	-3949.0	3395	10.0	91246.2	-3902.8	3485	9.8	91721.0	-3957.3
3306	9.7	90807.3	-3901.8	3396	10.4	91246.9	-3940.2	3486	10.5	91724.4	-3933.5
3307	8.6	90812.4	-3952.0	3397	9.2	91251.4	-3904.3	3487	10.5	91724.9	-3920.4
3308	10.5	90816.4	-3929.7	3398	10.5	91254.4	-3913.0	3488	9.2	91729.4	-3907.2
3309	9.3	90816.9	-3902.9	3399	9.2	91300.4	-3904.8	3489	10.0	91730.4	-3946.0
3310	9.4	90816.9	-3913.4	3400	10.5	91301.4	-3935.5	3490	9.8	91733.9	-3937.8
3311	10.0	90823.4	-3934.9	3401	10.5	91301.9	-3912.1	3491	10.2	91734.9	-3922.1
3312	9.6	90824.4	-3934.3	3402	10.4	91302.9	-3929.0	3492	8.8	91738.4	-3915.1
3313	8.0	90825.4	-3920.3	3403	8.6	91305.4	-3948.6	3493	7.6	91741.4	-3914.5
3314	9.9	90830.4	-3916.8	3404	9.8	91313.4	-3933.0	3494	10.5	91741.9	-3927.0
3315	9.9	90834.4	-3945.0	3405	9.9	91314.4	-3939.4	3495	9.9	91743.9	-3942.6
3316	9.5	90841.9	-3918.6	3406	9.4	91316.9	-3932.2	3496	10.0	91744.4	-3952.7
3317	10.0	90841.9	-3954.1	3407	10.0	91318.9	-3921.6	3497	9.6	91749.9	-3959.2
3318	10.0	90843.4	-3938.7	3408	10.0	91322.1	-3900.7	3498	9.8	91750.4	-3909.2
3319	10.0	90848.9	-3941.4	3409	9.2	91327.4	-3927.6	3499	10.4	91751.9	-3934.1
3320	10.5	90852.9	-3956.2	3410	10.5	91330.9	-3913.0	3500	10.4	91754.4	-3952.6
3321	9.3	90853.9	-3952.9	3411	10.5	91335.4	-3932.2	3501	9.4	91800.4	-3918.2
3322	10.0	90854.4	-3904.6	3412	10.5	91335.4	-3920.6	3502	8.8	91807.9	-3925.0
3323	10.5	90855.4	-3954.0	3413	10.4	91336.4	-3933.5	3503	9.8	91808.9	-3903.7
3324	10.2	90856.4	-3927.9	3414	9.8	91340.4	-3916.8	3504	10.5	91814.4	-3943.7
3325	9.2	90906.9	-3942.2	3415	9.8	91340.9	-3940.8	3505	10.2	91815.4	-3933.8
3326	9.4	90908.4	-3939.0	3416	9.7	91341.4	-3955.5	3506	9.4	91822.4	-3945.1
3327	10.2	90908.9	-3904.1	3417	10.0	91344.4	-3940.1	3507	8.2	91829.9	-3949.0
3328	9.5	90915.4	-3922.2	3418	10.4	91351.9	-3918.1	3508	10.5	91830.6	-3958.2
3329	10.4	90921.4	-3908.3	3419	9.4	91354.4	-3913.9	3509	9.8	91831.4	-3934.9
3330	10.2	90923.9	-3905.5	3420	10.4	91354.9	-3958.5	3510	9.8	91831.4	-3908.9
3331	8.2	90926.4	-3950.8	3421	9.9	91355.4	-3918.2	3511	10.2	91835.4	-3919.0
3332	10.2	90926.4	-3932.0	3422	10.4	91359.4	-3904.6	3512	9.4	91840.4	-3957.3
3333	10.2	90926.9	-3903.9	3423	9.4	91400.9	-3908.6	3513	9.4	91842.4	-3918.5
3334	9.8	90930.4	-3900.9	3424	9.5	91401.9	-3937.8	3514	10.5	91848.4	-3909.3
3335	8.6	90930.4	-3940.2	3425	10.5	91403.9	-3909.5	3515	10.4	91855.9	-3921.7
3336	10.0	90934.4	-3940.4	3426	10.4	91405.4	-3928.8	3516	9.2	91857.4	-3949.5
3337	10.5	90945.4	-3920.9	3427	10.4	91405.9	-3927.9	3517	9.6	91857.4	-3951.2
3338	9.7	90946.4	-3913.1	3428	10.2	91406.4	-3902.7	3518	10.2	91900.4	-3933.1
3339	10.2	90950.4	-3914.2	3429	10.5	91406.4	-3952.1	3519	9.9	91904.4	-3926.9
3340	10.2	90951.9	-3902.4	3430	10.2	91408.4	-3907.7	3520	10.4	91910.4	-3950.6
3341	9.9	90952.4	-3955.7	3431	10.0	91412.9	-3917.9	3521	10.5	91914.4	-3932.0
3342	10.4	90952.4	-3901.7	3432	9.8	91414.4	-3912.4	3522	10.5	91914.5	-3908.1
3343	10.2	90955.4	-3948.1	3433	10.0	91416.4	-3906.7	3523	9.0	91915.4	-3913.6
3344	10.0	90955.4	-3941.0	3434	10.0	91416.4	-3908.9	3524	9.2	91918.4	-3959.0
3345	9.6	90955.4	-3914.0	3435	9.9	91419.4	-3929.1	3525	10.4	91920.9	-3933.1
3346	9.7	91001.4	-3916.9	3436	10.2	91426.4	-3936.9	3526	9.4	91932.4	-3902.8
3347	9.4	91010.4	-3936.5	3437	10.0	91427.4	-3927.7	3527	10.5	91935.9	-3954.9
3348	8.1	91010.4	-3945.3	3438	10.5	91429.2	-3900.8	3528	10.0	91937.6	-3902.0
3349	10.5	91019.4	-3909.5	3439	9.3	91431.9	-3950.1	3529	9.5	91937.9	-3939.3
3350	10.4	91028.4	-3954.3	3440	9.0	91432.4	-3949.6	3530	9.8	91941.4	-3942.2
3351	10.4	91028.9	-3906.9	3441	9.8	91437.9	-3946.1	3531	10.5	91942.9	-3900.2
3352	10.0	91032.4	-3919.0	3442	9.7	91439.4	-3956.9	3532	10.0	91946.4	-3937.2
3353	10.0	91033.4	-3918.0	3443	9.5	91452.4	-3937.4	3533	10.0	91948.9	-3943.5
3354	10.2	91035.4	-3933.8	3444	10.5	91459.9	-3945.1	3534	10.2	91949.4	-3950.8
3355	10.5	91038.4	-3959.5	3445	10.2	91500.4	-3925.8	3535	10.2	91950.4	-3939.0
3356	10.0	91041.4	-3925.4	3446	10.5	91501.4	-3946.2	3536	10.4	91950.4	-3913.0
3357	10.5	91043.9	-3956.8	3447	8.8	91505.4	-3938.5	3537	9.8	92001.4	-3954.8
3358	10.2	91044.9	-3914.5	3448	9.8	91505.4	-3950.6	3538	10.0	92002.9	-3906.3
3359	10.5	91046.4	-3945.8	3449	10.2	91512.4	-3933.1	3539	9.8	92005.4	-3919.3
3360	10.0	91049.9	-3906.1	3450	9.8	91514.4	-3939.4	3540	9.8	92006.9	-3911.6
3361	10.4	91055.4	-3938.9	3451	10.2	91515.4	-3938.8	3541	10.5	92007.9	-3939.0
3362	10.5	91106.4	-3902.2	3452	10.4	91515.4	-3931.0	3542	10.5	92009.4	-3937.1
3363	10.4	91110.4	-3903.6	3453	10.5	91518.4	-3922.7	3543	10.5	92017.4	-3923.1
3364	10.0	91112.4	-3904.6	3454	10.2	91520.9	-3939.1	3544	10.4	92018.9	-3902.7
3365	9.0	91112.9	-3901.2	3455	10.2	91525.9	-3950.7	3545	10.5	92019.9	-3926.5
3366	8.8	91120.4	-3933.6	3456	9.9	91530.4	-3903.1	3546	10.4	92023.9	-3939.0
3547	10.5	92025.4	-3902.3								
3548	10.4	92030.4	-3947.5								
3549	8.6	92031.4	-3941.2								
3550	10.4	92034.9	-3946.3								
3551	10.4	92036.9	-3920.1								
3552	9.4	92038.9	-3916.1								
3553	8.0	92044.4	-3946.5								
3554	9.7	92048.9	-3901.7								
3555	10.4	92050.2	-3959.0								
3556	10.2	92055.4	-3924.9								
3557	9.8	92106.4	-3931.9								
3558	9.4	92112.4	-3951.6								
3559	9.5	92112.4	-3904.6								
3560	10.2	92114.4	-3908.2								
3561	9.5	92114.4	-3942.4								
3562	9.6	92120.4	-3947.0								
3563	10.5	92126.4	-3939.0								
3564	9.4	92129.4	-3945.0								
3565	6.8	92133.4	-3957.7								
3566	9.8	92135.4	-3914.9								
3567	9.9	92135.4	-3902.5								
3568	9.5	92146.4	-3916.2								
3569	10.4	92152.8	-3958.7								
3570	10.2	92153.9	-3916.3								
3571	8.8	92158.4	-3921.3								
3572	10.4	92200.4	-3933.7								
3573	9.4	92204.4	-3920.9								
3574	10.5	92204.9	-3945.1								
3575	9.9	92205.9	-3910.0								
3576	9.4	92210.4	-3925.4								
3577	8.4	92215.4	-3949.6								
3578	9.0	92215.4	-3933.6								
3579	10.4	92220.4	-3932.9								
3580	10.5	92220.4	-3925.7								
3581	10.5	92223.4	-3902.3								
3582	10.0	92223.4	-3942.8								
3583	10.4	92224.4	-3946.1								
3584	10.4	92225.3	-3940.2								
3585	10.4	92225.4	-3922.1								
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3587	10.4	92230.4	-3954.9								
3588	10.4	92231.4	-3942.3								
3589	10.0	92236.9	-3929.9								
3590	10.2	92238.4	-3950.5								
3591	10.0	92243.4	-3913.1								
3592	10.2	92244.4	-3922.0								
3593	10.2	92247.4	-3932.6								
3594	9.8	92253.9	-3947.3								
3595	10.0	92302.9	-3952.0								
3596	10.5	92310.4	-3916.1								
3597	9.7	92315.4	-3934.9								
3598	9.4	92317.0	-3958.5								
3599	9.8	92321.4	-3949.0								
3600	10.5	92324.9	-3941.1								
3601	8.2	92331.4	-3933.1								
3602	10.0	92332.4	-3918.7								
3603	10.0	92340.4	-3945.3								
3604	10.5	92340.4	-3911.2								
3605	9.0	92341.4	-3913.8								
3606	9.8	92342.4	-3920.8								
3607	10.5	92344.9	-3903.5								
3608	10.4	92346.7	-3902.0								
3609	10.2	92348.4	-3932.4								
3610	10.2	92350.9	-3936.4								
3611	9.4	92352.9	-3924.1								
3612	10.2	92355.9	-3918.4								
3613	9.4	92403.4	-3918.2								
3614	10.2	92405.6	-3901.0								
3615	10.5	92408.4	-3921.0								
3616	9.4	92410.9	-3929.5								
3617	10.5	92411.9	-3930.7								
3618	10.4	92414.4	-3936.9								
3619	10.5	92415.4	-3917.0								
3620	9.8	92420.4	-3914.8								
3621	10.5	92421.4	-3937.1								
3622	9.8	92424.4	-3922.3								
3623	10.2	92426.9	-3912.1								
3624	10.2	92428.4	-3917.2								
3625	9.5	92432.4	-3951.9								
3626	10.4	92434.9	-3920.9								
3627	9.4	92435.4	-3919.3								
3628	10.0	92441.9	-3941.5								
3629	8.2	92441.9	-3925.5								
3630	9.4	92441.9	-3922.7								
3631	10.5	92441.9	-3909.3								
3632	10.4	92442.2	-3900.5								
3633	10.2	92443.4	-3911.9								
3634	10.0	92444.9	-3955.2								
3635	8.6	92446.4	-3914.4								
3636	10.5	92447.9	-3924.1								

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3637	10.2	92449.4	-3950.1	3727	8.5	93029.4	-3938.4	3817	10.0	93601.3	-3919.5
3638	10.5	92450.9	-3924.4	3728	9.8	93034.7	-3958.1	3818	8.3	93608.3	-3909.3
3639	10.2	92501.9	-3946.7	3729	9.5	93037.9	-3920.7	3819	10.3	93609.3	-3929.2
3640	10.5	92501.9	-3944.6	3730	9.4	93042.9	-3918.4	3820	9.9	93611.3	-3954.1
3641	10.2	92509.9	-3958.2	3731	9.4	93043.9	-3901.3	3821	10.3	93612.3	-3939.6
3642	10.5	92516.4	-3921.3	3732	10.5	93044.1	-3907.4	3822	10.0	93619.3	-3924.4
3643	9.0	92519.9	-3947.8	3733	10.4	93048.4	-3919.1	3823	9.9	93625.5	-3959.8
3644	9.4	92523.9	-3903.3	3734	10.2	93054.9	-3923.2	3824	9.9	93626.3	-3921.0
3645	9.5	92526.9	-3957.9	3735	10.0	93059.9	-3943.9	3825	9.9	93630.3	-3942.0
3646	10.0	92530.9	-3922.6	3736	10.4	93107.4	-3913.6	3826	10.2	93639.8	-3945.3
3647	10.5	92531.9	-3927.0	3737	10.5	93113.4	-3909.1	3827	10.3	93643.3	-3913.4
3648	10.0	92534.9	-3916.3	3738	10.2	93119.9	-3929.2	3828	10.0	93644.3	-3909.4
3649	10.0	92536.9	-3944.7	3739	10.4	93120.9	-3945.8	3829	10.0	93704.3	-3920.7
3650	9.2	92545.4	-3911.8	3740	9.9	93121.9	-3909.6	3830	10.3	93709.1	-3901.0
3651	4.7	92546.6	-3955.3	3741	10.4	93133.9	-3936.8	3831	9.8	93720.3	-3945.3
3652	10.0	92552.9	-3943.4	3742	10.4	93134.9	-3923.7	3832	10.3	93722.8	-3946.7
3653	8.2	92553.9	-3952.6	3743	9.8	93134.9	-3938.6	3833	9.6	93728.3	-3946.8
3654	10.0	92554.9	-3935.7	3744	10.5	93139.4	-3905.2	3834	10.2	93742.3	-3947.3
3655	9.9	92601.9	-3942.5	3745	9.8	93139.9	-3936.8	3835	10.0	93756.8	-3925.6
3656	8.2	92603.9	-3924.8	3746	10.4	93141.4	-3930.1	3836	10.2	93759.8	-3940.4
3657	9.8	92605.9	-3905.8	3747	10.0	93141.9	-3933.5	3837	10.3	93805.3	-3907.7
3658	10.2	92607.4	-3934.8	3748	9.2	93149.9	-3958.2	3838	10.3	93810.8	-3952.5
3659	10.4	92615.9	-3956.1	3749	10.4	93153.9	-3912.8	3839	9.2	93813.3	-3934.0
3660	8.6	92629.9	-3943.5	3750	10.4	93159.9	-3944.2	3840	9.8	93819.3	-3922.1
3661	10.5	92630.4	-3919.4	3751	10.4	93205.9	-3922.6	3841	9.8	93829.3	-3948.0
3662	10.2	92631.9	-3943.0	3752	10.2	93209.4	-3916.9	3842	9.9	93829.3	-3941.0
3663	10.4	92635.9	-3952.4	3753	10.2	93209.4	-3927.9	3843	10.3	93838.8	-3910.0
3664	9.8	92637.9	-3908.5	3754	9.4	93211.9	-3905.7	3844	9.9	93843.3	-3901.1
3665	10.5	92648.0	-3925.4	3755	9.8	93214.9	-3924.3	3845	10.2	93844.3	-3909.4
3666	10.2	92649.9	-3907.0	3756	9.9	93215.9	-3925.0	3846	9.8	93847.3	-3918.7
3667	10.5	92650.4	-3956.2	3757	9.9	93218.9	-3905.7	3847	8.6	93850.3	-3930.1
3668	10.2	92653.9	-3930.6	3758	10.0	93219.9	-3931.2	3848	10.2	93850.3	-3914.1
3669	10.4	92654.4	-3932.5	3759	9.4	93220.4	-3926.8	3849	10.2	93852.8	-3934.4
3670	9.8	92658.4	-3933.3	3760	10.0	93223.4	-3926.0	3850	9.7	93853.3	-3919.7
3671	8.8	92659.9	-3910.2	3761	10.5	93224.9	-3951.5	3851	10.3	93859.3	-3904.8
3672	10.4	92701.9	-3912.1	3762	10.5	93226.4	-3907.0	3852	10.3	93905.3	-3932.8
3673	10.5	92712.9	-3938.1	3763	10.4	93229.9	-3901.5	3853	10.3	93907.8	-3905.3
3674	10.5	92718.9	-3941.3	3764	10.0	93235.9	-3959.6	3854	10.3	93921.3	-3944.8
3675	9.8	92721.9	-3955.5	3765	9.2	93239.4	-3942.7	3855	9.2	93935.3	-3958.3
3676	10.0	92724.9	-3917.7	3766	9.9	93241.1	-3911.9	3856	9.6	93937.3	-3953.1
3677	10.2	92730.9	-3919.1	3767	8.4	93241.1	-3910.5	3857	10.0	93939.3	-3956.8
3678	9.9	92731.4	-3943.0	3768	10.2	93245.4	-3903.3	3858	9.9	93944.3	-3941.1
3679	10.5	92732.4	-3940.4	3769	10.5	93246.7	-3904.9	3859	9.9	93952.3	-3922.1
3680	10.5	92733.9	-3937.0	3770	10.4	93251.9	-3957.0	3860	9.9	93956.8	-3942.6
3681	9.4	92735.9	-3912.0	3771	10.5	93252.4	-3931.7	3861	9.4	94008.8	-3942.1
3682	10.4	92741.4	-3929.6	3772	8.6	93254.1	-3956.9	3862	9.6	94009.8	-3913.8
3683	10.0	92745.9	-3922.1	3773	9.5	93300.2	-3951.9	3863	9.4	94013.8	-3946.2
3684	10.5	92746.4	-3917.0	3774	10.4	93302.4	-3910.3	3864	8.7	94017.8	-3934.3
3685	10.5	92750.9	-3950.8	3775	10.5	93303.2	-3929.4	3865	9.8	94019.3	-3952.0
3686	9.4	92755.9	-3911.6	3776	9.6	93305.1	-3927.1	3866	9.9	94026.5	-3958.8
3687	9.9	92759.9	-3909.5	3777	9.0	93320.7	-3950.5	3867	9.8	94033.3	-3942.9
3688	10.0	92800.9	-3904.3	3778	10.4	93324.7	-3946.5	3868	10.3	94034.1	-3902.4
3689	9.7	92801.4	-3910.1	3779	7.5	93337.6	-3902.9	3869	9.9	94034.3	-3939.5
3690	9.8	92802.9	-3944.8	3780	10.2	93339.9	-3953.7	3870	10.2	94034.8	-3909.5
3691	9.4	92809.9	-3937.8	3781	10.2	93340.4	-3943.5	3871	9.4	94036.3	-3937.1
3692	10.2	92819.9	-3926.6	3782	10.3	93341.4	-3959.3	3872	10.2	94036.8	-3904.1
3693	10.5	92834.9	-3916.8	3783	10.3	93343.6	-3958.2	3873	10.3	94037.8	-3918.0
3694	9.4	92840.9	-3947.4	3784	10.3	93351.7	-3917.7	3874	9.6	94045.3	-3916.2
3695	10.0	92842.9	-3938.8	3785	10.0	93353.4	-3903.3	3875	10.3	94052.8	-3954.9
3696	10.5	92853.9	-3921.8	3786	10.3	93405.9	-3949.7	3876	10.0	94053.3	-3952.3
3697	10.5	92854.9	-3914.2	3787	9.8	93414.9	-3903.2	3877	9.5	94057.8	-3946.1
3698	10.4	92855.9	-3906.2	3788	8.9	93415.9	-3938.4	3878	9.9	94058.3	-3937.4
3699	10.0	92857.2	-3902.5	3789	9.8	93419.4	-3908.9	3879	10.0	94059.3	-3936.7
3700	10.2	92857.9	-3917.0	3790	9.4	93419.4	-3943.1	3880	9.6	94104.3	-3919.3
3701	10.2	92901.9	-3903.2	3791	9.2	93419.4	-3938.3	3881	10.3	94107.3	-3916.1
3702	10.0	92907.9	-3944.2	3792	9.9	93419.4	-3916.7	3882	9.2	94116.8	-3922.2
3703	10.5	92908.4	-3945.5	3793	10.3	93420.4	-3927.7	3883	10.3	94118.3	-3959.4
3704	10.5	92908.9	-3940.1	3794	10.2	93423.4	-3932.9	3884	10.2	94135.3	-3909.4
3705	9.7	92909.9	-3905.4	3795	10.2	93426.5	-3956.7	3885	8.8	94139.8	-3929.2
3706	10.4	92909.9	-3948.8	3796	10.3	93429.4	-3932.5	3886	9.0	94141.3	-3954.8
3707	9.4	92915.9	-3942.8	3797	9.2	93433.4	-3917.7	3887	9.4	94145.3	-3913.4
3708	10.4	92918.4	-3918.7	3798	9.9	93439.4	-3941.5	3888	9.5	94146.8	-3953.8
3709	10.0	92918.9	-3949.0	3799	10.3	93448.4	-3936.7	3889	9.7	94153.3	-3953.4
3710	10.2	92925.4	-3910.8	3800	10.2	93453.4	-3915.5	3890	10.3	94156.8	-3902.5
3711	10.4	92930.9	-3913.2	3801	10.0	93454.4	-3904.9	3891	9.4	94157.8	-3950.3
3712	8.1	92930.9	-3954.6	3802	10.2	93508.4	-3918.9	3892	9.7	94159.3	-3931.2
3713	9.0	92931.9	-3930.8	3803	10.3	93515.9	-3928.1	3893	10.0	94159.3	-3945.2
3714	9.4	92934.4	-3922.7	3804	9.7	93519.4	-3905.9	3894	10.2	94206.3	-3952.6
3715	10.4	92934.9	-3909.4	3805	8.1	93521.4	-3929.3	3895	9.8	94213.3	-3913.8
3716	10.5	92935.9	-3936.2	3806	10.2	93522.8	-3951.2	3896	9.8	94213.8	-3928.4
3717	10.2	92941.4	-3931.2	3807	9.9	93529.3	-3910.1	3897	9.4	94219.3	-3917.9
3718	10.5	92942.4	-3926.6	3808	10.2	93530.8	-3945.1	3898	9.6	94220.3	-3931.1
3719	10.2	92949.9	-3913.8	3809	10.3	93535.8	-3935.8	3899	10.2	94222.8	-3948.2
3720	10.2	92958.4	-3936.4	3810	8.9	93546.5	-3959.3	3900	10.3	94224.8	-3900.9
3721	10.5	93001.9	-3952.9	3811	10.2	93548.3	-3947.5	3901	9.7	94230.3	-3925.0
3722	10.0	93004.4	-3937.9	3812	10.0	93551.3	-3955.4	3902	9.6	94245.3	-3912.1
3723	10.5	93005.9	-3911.9	3813	10.3	93554.3	-3928.2	3903	10.0	94249.3	-3925.2
3724	10.0	93014.4	-3934.2	3814	10.2	93554.8	-3940.1	3904	9.6	94250.3	-3937.0
3725	9.6	93014.9	-3918.7	3815	10.3	93559.3	-3908.3	3905	9.7	94254.8	-3947.2
3726	8.8	93024.9	-3917.6	3816	9.8	93559.3	-3953.4	3906	9.4	94257.8	-3943.7

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3907	9.6	94259.3	-3952.4	3997	9.8	94748.7	-3925.8	4087	10.3	95238.2	-3958.4
3908	9.6	94300.8	-3925.4	3998	9.7	94749.7	-3927.2	4088	10.3	95238.7	-3937.3
3909	9.4	94307.2	-3911.6	3999	9.8	94752.7	-3943.4	4089	9.0	94631.7	-3948.7
3910	10.2	94311.2	-3919.8	4000	10.2	94753.7	-3938.1	4090	9.8	94635.2	-3931.3
3911	10.3	94328.7	-3912.8	4001	10.2	94759.7	-3929.4	4091	10.2	94649.2	-3912.2
3912	9.9	94329.2	-3956.2	4002	10.2	94403.7	-3955.0	4092	9.4	94651.2	-3923.3
3913	9.8	94330.2	-3940.5	4003	10.2	94409.3	-3934.5	4093	10.0	94652.7	-3937.6
3914	9.8	94334.2	-3940.8	4004	9.2	94425.7	-3922.0	4094	9.4	94653.7	-3910.0
3915	10.3	94339.2	-3950.6	4005	10.3	94427.7	-3923.4	4095	9.9	94701.0	-3922.9
3916	9.8	94339.2	-3914.3	4006	9.9	94427.7	-3947.9	4096	10.2	94701.2	-3910.6
3917	9.7	94348.7	-3925.8	4007	9.8	94428.7	-3927.7	4097	10.2	94703.0	-3920.6
3918	9.7	94349.7	-3927.2	4008	9.8	94432.7	-3937.7	4098	10.3	94710.0	-3925.7
3919	9.8	94352.7	-3943.4	4009	9.7	94434.7	-3913.5	4099	10.3	94729.0	-3902.4
3920	10.2	94353.7	-3938.1	4010	10.3	94438.7	-3922.8	4100	9.8	94734.0	-3912.4
3921	10.2	94359.7	-3929.4	4011	9.8	94444.2	-3957.6	4101	10.0	94737.5	-3949.7
3922	10.2	94403.7	-3955.0	4012	9.8	94448.7	-3951.2	4102	9.9	94738.0	-3930.0
3923	10.2	94409.3	-3934.5	4013	9.0	94448.7	-3938.1	4103	8.4	94738.0	-3924.7
3924	9.2	94425.7	-3922.0	4014	10.3	94451.7	-3954.3	4104	8.6	94739.0	-3957.8
3925	10.3	94427.7	-3923.4	4015	10.0	94451.7	-3912.8	4105	10.0	94749.5	-3939.1
3926	9.9	94427.7	-3947.9	4016	8.2	94454.2	-3935.2	4106	9.8	94753.0	-3905.6
3927	9.8	94428.7	-3927.7	4017	10.3	94457.2	-3905.6	4107	10.2	94754.0	-3952.8
3928	9.8	94432.7	-3937.7	4018	10.3	94500.6	-3901.0	4108	9.8	94757.5	-3911.6
3929	9.7	94434.7	-3913.5	4019	9.6	94506.7	-3910.8	4109	10.3	94801.5	-3911.8
3930	10.3	94438.7	-3922.8	4020	10.0	94509.2	-3958.8	4110	9.4	94802.0	-3924.1
3931	9.8	94444.2	-3957.6	4021	9.9	94512.2	-3921.4	4111	10.3	94802.5	-3903.7
3932	9.8	94448.7	-3951.2	4022	9.8	94514.2	-3915.1	4112	10.0	94808.0	-3925.5
3933	9.0	94448.7	-3938.1	4023	10.3	94514.7	-3931.0	4113	9.2	94809.5	-3940.1
3934	10.3	94451.7	-3954.3	4024	9.2	94519.7	-3915.2	4114	8.6	94811.0	-3913.2
3935	10.0	94451.7	-3912.8	4025	9.8	94520.2	-3941.8	4115	9.5	94817.5	-3954.1
3936	8.2	94454.2	-3935.2	4026	9.5	94523.7	-3950.4	4116	10.3	94817.5	-3955.6
3937	10.3	94457.2	-3905.6	4027	10.3	94525.2	-3949.1				
3938	10.3	94500.6	-3901.0	4028	10.3	94526.7	-3913.3				
3939	9.6	94506.7	-3910.8	4029	10.3	94528.2	-3939.8				
3940	10.0	94509.2	-3958.8	4030	10.3	94531.2	-3940.1				
3941	9.9	94512.2	-3921.4	4031	9.8	94544.1	-3900.0				
3942	9.8	94514.2	-3915.1	4032	9.7	94544.2	-3920.0				
3943	10.3	94514.7	-3931.0	4033	9.8	94546.2	-3913.7				
3944	10.2	94519.7	-3915.2	4034	9.4	94546.2	-3952.2				
3945	9.8	94520.2	-3941.8	4035	9.6	94554.2	-3944.4				
3946	9.5	94523.7	-3950.4	4036	9.8	94555.2	-3923.3				
3947	10.3	94525.2	-3949.1	4037	8.9	94602.2	-3931.2				
3948	10.3	94526.7	-3913.3	4038	10.0	94608.2	-3919.8				
3949	10.3	94528.2	-3939.8	4039	9.2	94608.2	-3949.7				
3950	10.3	94531.2	-3940.1	4040	9.2	94609.2	-3933.5				
3951	9.8	94544.1	-3900.0	4041	10.3	94611.2	-3928.0				
3952	9.7	94544.2	-3920.0	4042	9.4	94612.7	-3948.2				
3953	9.8	94546.2	-3913.7	4043	10.2	94613.2	-3925.9				
3954	9.4	94546.2	-3952.2	4044	10.3	94618.7	-3951.6				
3955	9.6	94554.2	-3944.4	4045	9.9	94621.2	-3940.9				
3956	9.8	94555.2	-3923.3	4046	9.2	94623.2	-3905.9				
3957	8.9	94602.2	-3931.2	4047	10.3	94624.2	-3958.4				
3958	10.0	94608.2	-3919.8	4048	10.3	94631.0	-3937.3				
3959	9.2	94608.2	-3949.7	4049	9.0	94631.7	-3948.7				
3960	9.2	94609.2	-3933.5	4050	9.8	94635.2	-3931.3				
3961	10.3	94611.2	-3928.0	4051	10.2	94649.2	-3912.2				
3962	9.4	94612.7	-3948.2	4052	9.4	94651.2	-3923.3				
3963	10.2	94613.2	-3925.9	4053	10.0	94652.7	-3937.6				
3964	10.3	94618.7	-3951.6	4054	9.4	94653.7	-3910.0				
3965	9.9	94621.2	-3940.9	4055	9.9	94701.0	-3922.9				
3966	9.2	94623.2	-3905.9	4056	10.2	94701.2	-3910.6				
3967	10.3	94624.2	-3958.4	4057	10.2	94703.0	-3920.6				
3968	10.3	94631.0	-3937.3	4058	10.3	94710.0	-3925.7				
3969	9.0	94631.7	-3948.7	4059	9.8	94729.0	-3902.4				
3970	9.8	94635.2	-3931.3	4060	9.8	94734.0	-3912.4				
3971	10.2	94649.2	-3912.2	4061	10.0	94737.5	-3949.7				
3972	9.4	94651.2	-3923.3	4062	9.9	94738.0	-3930.0				
3973	10.0	94652.7	-3937.6	4063	8.4	94738.0	-3924.7				
3974	9.4	94653.7	-3910.0	4064	8.6	94739.0	-3957.8				
3975	9.9	94701.0	-3922.9	4065	10.0	94749.5	-3939.1				
3976	10.2	94701.2	-3910.6	4066	9.8	94753.0	-3905.6				
3977	10.2	94703.0	-3920.6	4067	10.2	94754.0	-3952.8				
3978	10.3	94710.0	-3925.7	4068	9.8	94757.5	-3911.6				
3979	10.3	94729.0	-3902.4	4069	10.3	94801.5	-3911.8				
3980	9.8	94734.0	-3912.4	4070	9.4	94802.0	-3924.1				
3981	10.0	94737.5	-3949.7	4071	10.3	94802.5	-3903.7				
3982	9.9	94738.0	-3930.0	4072	10.0	94808.0	-3925.5				
3983	8.4	94738.0	-3924.7	4073	9.2	94809.5	-3940.1				
3984	8.6	94739.0	-3957.8	4074	8.6	94811.0	-3913.2				
3985	10.0	94749.5	-3939.1	4075	9.5	94817.5	-3954.1				
3986	9.8	94753.0	-3905.6	4076	10.3	94817.5	-3955.6				

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-39 4356 10h15m

3997	9.7	94819.2	-3901.0	4087	9.9	95354.3	-3911.8	4177	10.3	95939.5	-3956.7
3998	10.0	94823.0	-3953.1	4088	10.2	95356.8	-3904.1	4178	9.7	95946.3	-3922.9
3999	9.4	94825.0	-3942.9	4089	9.8	95358.3	-3933.1	4179	9.7	100008.3	-3900.1
4000	9.8	94826.0	-3951.4	4090	10.3	95358.8	-3929.7	4180	10.2	100012.5	-3901.4
4001	9.2	94828.0	-3904.8	4091	10.3	95402.8	-3949.9	4181	10.0	100013.8	-3956.6
4002	9.9	94831.8	-3959.7	4092	10.2	95404.8	-3935.4	4182	9.2	100027.8	-3933.0
4003	10.3	94837.5	-3948.5	4093	9.6	95411.8	-3919.9	4183	10.2	100030.1	-3923.7
4004	10.0	94843.0	-3910.1	4094	10.3	95418.8	-3903.6	4184	10.6	100032.1	-3913.6
4005	9.6	94843.5	-3951.4	4095	9.9	95420.0	-3957.6	4185	10.4	100036.4	-3959.8
4006	10.3	94844.5	-3953.9	4096	9.8	95422.8	-3900.2	4186	8.6	100043.6	-3927.7
4007	10.3	94846.5	-3920.5	4097	10.0	95426.3	-3912.7	4187	10.6	100046.2	-3946.7
4008	9.4	94847.0	-3948.4	4098	10.3	95428.3	-3909.6	4188	10.4	100051.1	-3953.2
4009	10.0	94849.0	-3932.0	4099	10.3	95438.3	-3957.2	4189	10.6	100100.9	-3911.0
4010	10.2	94903.9	-3953.4	4100	10.3	95440.8	-3911.1	4190	10.6	100104.1	-3932.3
4011	10.0	94907.4	-3942.5	4101	10.2	95452.3	-3949.5	4191	10.0	100107.6	-3905.7
4012	9.7	94913.9	-3924.4	4102	10.3	95453.3	-3927.2	4192	10.6	100112.2	-3935.0
4013	9.4	94914.4	-3943.4	4103	9.6	95453.8	-3951.6	4193	9.6	100116.6	-3948.0
4014	10.3	94915.2	-3900.2	4104	9.4	95454.8	-3911.4	4194	9.8	100120.1	-3905.4
4015	8.6	94928.9	-3937.3	4105	10.3	95459.8	-3941.7	4195	9.9	100121.3	-3900.2
4016	9.9	94932.9	-3928.1	4106	10.2	95504.8	-3903.5	4196	10.2	100126.1	-3959.1
4017	9.4	94934.4	-3939.2	4107	9.7	95506.3	-3902.7	4197	9.9	100135.1	-3942.3
4018	9.8	94953.4	-3940.9	4108	9.8	95508.8	-3902.9	4198	10.6	100140.1	-3908.2
4019	10.3	94956.4	-3956.7	4109	9.7	95510.3	-3922.9	4199	8.8	100145.6	-3949.7
4020	9.2	94957.4	-3949.9	4110	10.3	95510.7	-3948.3	4200	10.6	100150.1	-3914.9
4021	10.3	95002.9	-3957.3	4111	8.5	95511.3	-3958.7	4201	10.0	100154.2	-3951.8
4022	10.2	95004.4	-3900.0	4112	9.1	95511.3	-3940.4	4202	10.2	100156.6	-3950.9
4023	9.4	95008.9	-3938.6	4113	10.3	95516.7	-3919.3	4203	9.8	100207.0	-3940.2
4024	10.3	95008.9	-3932.1	4114	9.4	95534.7	-3912.9	4204	10.6	100215.6	-3958.0
4025	9.4	95009.4	-3952.1	4115	10.3	95539.2	-3925.9	4205	10.6	100220.1	-3933.0
4026	8.1	95020.9	-3950.7	4116	10.2	95540.7	-3911.5	4206	10.6	100222.0	-3927.4
4027	9.8	95024.4	-3906.2	4117	10.3	95544.7	-3900.0	4207	9.5	100229.0	-3941.1
4028	9.8	95043.9	-3954.3	4118	9.7	95548.2	-3927.9	4208	8.9	100229.9	-3959.8
4029	9.4	95047.4	-3959.8	4119	9.8	95548.7	-3946.7	4209	10.4	100231.6	-3949.2
4030	10.0	95047.9	-3904.3	4120	10.0	95551.2	-3906.9	4210	9.2	100238.1	-3944.5
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4032	9.8	95102.4	-3933.7	4122	10.2	95553.2	-3939.3	4212	10.0	100248.6	-3916.8
4033	10.3	95102.9	-3903.9	4123	10.0	95556.2	-3936.2	4213	10.6	100258.6	-3909.1
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4035	10.2	95107.9	-3905.7	4125	9.9	95609.7	-3940.1	4215	10.2	100335.1	-3921.0
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4038	10.3	95110.8	-3940.4	4128	10.3	95620.7	-3939.5	4218	9.2	100342.1	-3931.9
4039	10.3	95118.9	-3940.6	4129	10.2	95631.7	-3936.5	4219	9.8	100342.6	-3908.0
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4042	9.4	95127.9	-3932.3	4132	9.8	95647.7	-3917.9	4222	10.0	100408.0	-3926.0
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4044	10.3	95134.4	-3948.8	4134	9.8	95652.7	-3906.5	4224	8.4	100411.0	-3951.8
4045	10.0	95138.9	-3905.6	4135	9.7	95655.7	-3944.7	4225	10.4	100422.0	-3925.9
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4047	10.3	95139.9	-3954.0	4137	9.8	95659.7	-3918.3	4227	10.4	100454.0	-3927.2
4048	9.4	95144.9	-3926.2	4138	10.2	95659.7	-3924.9	4228	10.6	100454.6	-3913.8
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4053	10.0	95156.4	-3905.3	4143	10.3	95728.7	-3958.5	4233	9.4	100552.5	-3955.3
4054	10.3	95159.4	-3931.2	4144	9.4	95728.7	-3921.3	4234	10.0	100604.0	-3934.0
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4058	10.3	95207.4	-3930.1	4148	9.9	95732.5	-3908.5	4238	10.4	100612.5	-3949.1
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4062	10.2	95236.4	-3936.2	4152	10.0	95749.5	-3927.6	4242	10.6	100621.5	-3948.1
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4065	9.9	95243.9	-3940.6	4155	9.4	95758.5	-3907.1	4245	9.0	100643.0	-3955.5
4066	9.7	95245.2	-3902.9	4156	9.2	95802.0	-3939.5	4246	10.6	100654.6	-3903.6
4067	10.2	95247.4	-3952.1	4157	9.8	95803.0	-3914.8	4247	9.2	100700.5	-3924.5
4068	9.0	95247.9	-3959.6	4158	9.8	95816.5	-3923.3	4248	9.6	100719.6	-3943.6
4069	10.3	95249.4	-3940.6	4159	10.3	95819.2	-3900.2	4249	10.6	100729.5	-3936.2
4070	10.3	95249.9	-3927.4	4160	10.3	95819.5	-3918.0	4250	10.6	100741.0	-3929.7
4071	10.0	95256.4	-3948.7	4161	9.6	95820.5	-3917.3	4251	9.9	100749.6	-3909.7
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4074	9.6	95308.4	-3940.4	4164	9.7	95843.5	-3905.1	4254	10.6	100800.0	-3901.5
4075	10.3	95308.4	-3913.6	4165	10.3	95844.0	-3920.7	4255	9.9	100800.5	-3949.1
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4077	10.0	95310.9	-3918.8	4167	10.0	95849.0	-3918.9	4257	9.9	100803.0	-3951.8
4078	10.2	95311.3	-3901.2	4168	10.0	95851.0	-3947.7	4258	10.6	100804.8	-3911.6
4079	9.9	95327.8	-3921.1	4169	10.3	95857.0	-3939.6	4259	10.2	100807.0	-3939.1
4080	9.2	95328.8	-3949.7	4170	9.4	95903.0	-3924.1	4260	10.4	100809.1	-3902.6
4081	10.0	95329.8	-3931.1	4171	8.0	95908.5	-3922.1	4261	10.4	100809.5	-3916.2
4082	10.2	95336.8	-3945.7	4172	10.2	95913.5	-3915.1	4262	10.6	100817.5	-3912.0
4083	10.3	95339.8	-3924.1	4173	10.2	95920.3	-3918.2	4263	9.0	100824.5	-3942.2
4084	9.8	95351.3	-3917.9	4174	10.2	95923.0	-3951.9	4264	7.5	100827.0	-3943.7
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4267	10.0	100831.6	-3912.8	4297	8.6	101029.6	-3949.1	4327	9.4	101254.6	-3911.2
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4269	10.6	100833.6	-3936.6	4299	10.6	101034.1	-3915.2	4329	8.9	101257.6	-3951.9
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4272	9.9	100839.6	-3943.2	4302	9.7	101045.6	-3933.5	4332	10.2	101259.6	-3958.1
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4274	10.4	100840.9	-3957.7	4304	10.6	101049.1	-3956.5	4334	10.2	101303.1	-3910.5
4275	10.6	100842.1	-3953.8	4305	10.0	101049.6	-3940.6	4335	10.2	101310.5	-3934.8
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4282	10.6	100919.6	-3923.7	4312	10.0	101128.1	-3954.2	4342	10.6	101403.6	-3907.7
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4284	10.6	100922.3	-3954.7	4314	10.0	101138.1	-3923.0	4344	10.4	101411.6	-3920.3
4285	10.6	100930.3	-3900.3	4315	9.9	101139.6	-3955.6	4345	10.4	101417.6	-3929.4
4286	10.0	100931.9	-3959.9	4316	10.6	101143.6	-3939.7	4346	10.6	101419.6	-3935.7
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4288	9.4	100933.6	-3938.0	4318	10.6	101152.6	-3945.0	4348	10.0	101420.2	-3903.3
4289	10.4	100934.6	-3919.1	4319	10.4	101154.1	-3921.5	4349	10.4	101422.1	-3942.4
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4293	10.6	101001.6	-3917.0	4323	10.0	101221.1	-3940.1	4353	10.6	101458.6	-3934.4
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4296	8.2	101027.6	-3943.2	4326	10.6	101253.1	-3902.0	4356	9.2	101504.6	-3944.2

-39 4357 10h15m

4357 10.0 101519.6 -3904.4	4447 10.4 102319.1 -3933.8	4537 10.0 103034.7 -3918.0	4627 10.1 103916.2 -3922.1
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-39 4716 10h45m

-39 4717 10h45m

-39 5076 11h19m

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-39 6156 13h53m

-39 6157 13h53m

-39 6516 14h53m

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6243 10.6 140615.8 -3913.1	6333 10.5 142302.4 -3924.1	6423 9.0 143850.0 -3943.1	6513 10.0 145324.9 -3924.6
6244 10.2 140634.9 -3924.9	6334 8.9 142306.4 -3926.7	6424 10.0 143858.0 -3904.6	6514 9.9 145339.1 -3922.8
6245 9.8 140721.3 -3932.1	6335 10.4 142307.0 -3924.7	6425 9.1 143906.0 -3916.5	6515 10.0 145351.1 -3946.8
6246 10.4 140737.3 -3906.0	6336 10.5 142317.9 -3926.9	6426 10.0 143909.1 -3956.9	6516 10.0 145352.4 -3942.5

-39 6517 14h54m

6517	9.9	145410.8	-3947.6
6518	9.8	145412.1	-3914.7
6519	9.1	145413.8	-3925.2
6520	9.8	145416.6	-3934.3
6521	9.8	145417.1	-3953.3
6522	10.1	145429.6	-3953.5
6523	10.1	145449.1	-3925.3
6524	10.1	145455.1	-3952.1
6525	8.8	145500.1	-3925.0
6526	9.8	145504.7	-3902.9
6527	9.6	145510.1	-3942.2
6528	10.0	145510.7	-3942.1
6529	9.6	145517.1	-3913.5
6530	10.0	145530.6	-3933.5
6531	9.4	145532.7	-3913.3
6532	9.8	145532.7	-3912.1
6533	9.2	145532.9	-3950.3
6534	9.5	145539.6	-3942.1
6535	9.4	145545.7	-3923.7
6536	10.0	145553.6	-3933.5
6537	10.0	145600.1	-3934.5
6538	9.8	145610.1	-3943.3
6539	10.0	145621.0	-3927.6
6540	9.6	145624.0	-3927.3
6541	10.1	145630.1	-3900.7
6542	9.5	145645.6	-3952.3
6543	9.5	145648.6	-3919.9
6544	8.2	145700.1	-3929.7
6545	8.8	145702.5	-3941.6
6546	10.1	145712.1	-3932.2
6547	9.4	145715.1	-3931.4
6548	10.1	145724.9	-3916.7
6549	10.1	145740.4	-3953.7
6550	9.5	145751.4	-3926.6
6551	9.6	145758.7	-3941.8
6552	8.9	145801.4	-3934.5
6553	10.0	145807.9	-3950.1
6554	10.0	145812.4	-3947.5
6555	9.8	145817.5	-3919.4
6556	9.8	145837.5	-3905.1
6557	9.2	145851.4	-3911.5
6558	9.2	145903.1	-3901.1
6559	10.1	145909.9	-3957.0
6560	9.5	145915.4	-3933.5
6561	10.1	145926.7	-3958.3
6562	10.1	145939.4	-3900.2
6563	10.0	145950.9	-3948.8
6564	10.0	145954.9	-3923.8
6565	10.1	150009.6	-3945.1
6566	10.0	150010.6	-3940.5
6567	10.0	150011.6	-3915.1
6568	9.5	150012.6	-3931.2
6569	9.3	150029.6	-3917.5
6570	8.1	150036.6	-3948.1
6571	10.1	150106.1	-3953.5
6572	9.6	150109.6	-3909.0
6573	10.1	150109.6	-3935.9
6574	9.5	150116.0	-3948.9
6575	10.0	150137.6	-3904.1
6576	10.1	150141.3	-3930.5
6577	10.0	150141.6	-3952.5
6578	10.1	150147.3	-3944.0
6579	9.8	150148.1	-3932.2
6580	9.3	150158.6	-3948.7
6581	10.0	150208.6	-3945.0
6582	9.2	150216.1	-3945.4
6583	10.1	150239.6	-3948.7
6584	9.8	150240.4	-3958.2
6585	10.0	150300.1	-3908.5
6586	9.8	150301.1	-3907.3
6587	8.8	150303.4	-3923.1
6588	10.0	150304.6	-3952.8
6589	9.3	150313.3	-3901.9
6590	10.0	150313.3	-3915.4
6591	10.1	150331.4	-3950.6
6592	9.8	150337.4	-3905.0
6593	9.8	150341.9	-3903.9
6594	9.2	150417.0	-3930.5
6595	10.1	150426.2	-3900.1
6596	9.8	150432.4	-3906.3
6597	9.8	150439.4	-3929.1
6598	9.8	150454.9	-3923.3
6599	9.5	150458.4	-3929.3
6600	9.5	150501.0	-3950.2
6601	10.0	150526.4	-3900.0
6602	10.1	150529.4	-3908.8
6603	9.4	150531.9	-3908.8
6604	9.0	150541.9	-3956.8
6605	9.8	150600.1	-3928.2
6606	10.1	150611.1	-3929.6
6607	10.1	150618.6	-3927.4
6608	9.4	150638.1	-3902.2
6609	10.1	150639.6	-3913.8
6610	10.0	150642.7	-3901.1
6611	10.1	150649.1	-3943.7
6612	9.6	150649.1	-3933.7
6613	8.3	150708.1	-3915.2
6614	10.0	150709.1	-3908.8
6615	10.1	150709.1	-3950.7
6616	10.0	150729.1	-3903.9
6617	10.0	150736.1	-3956.7
6618	10.0	150740.1	-3930.8
6619	9.8	150740.1	-3922.9
6620	9.8	150741.1	-3912.1
6621	10.1	150744.6	-3956.1
6622	10.1	150806.1	-3942.5
6623	8.6	150819.1	-3943.3
6624	10.0	150826.1	-3921.3
6625	7.8	150827.1	-3905.8
6626	10.0	150832.6	-3950.1
6627	10.1	150834.1	-3940.1
6628	10.1	150839.6	-3952.4
6629	10.0	150851.3	-3959.9
6630	9.2	150854.0	-3928.8
6631	9.4	150906.4	-3916.1
6632	10.1	150909.9	-3945.3
6633	10.1	150915.4	-3953.0
6634	10.1	150931.2	-3959.2
6635	10.1	150933.4	-3900.5
6636	10.1	150936.9	-3909.6
6637	8.2	150936.9	-3920.9
6638	10.1	150953.4	-3916.1
6639	10.0	150957.0	-3924.2
6640	10.0	151004.4	-3926.4
6641	9.8	151022.9	-3915.0
6642	9.8	151036.1	-3926.4
6643	10.1	151040.9	-3902.7
6644	10.1	151052.9	-3938.1
6645	8.7	151053.9	-3901.8
6646	10.0	151102.5	-3907.1
6647	10.0	151106.9	-3959.8
6648	10.1	151108.9	-3904.5
6649	10.0	151109.9	-3909.3
6650	9.5	151128.6	-3923.0
6651	9.2	151139.1	-3947.0
6652	9.5	151139.4	-3914.1
6653	10.1	151142.1	-3928.5
6654	10.1	151143.6	-3919.4
6655	10.1	151158.6	-3903.8
6656	9.8	151200.4	-3911.2
6657	10.0	151223.1	-3950.8
6658	9.5	151224.6	-3922.4
6659	9.8	151227.6	-3940.8
6660	10.1	151258.6	-3948.8
6661	10.1	151258.6	-3944.6
6662	9.8	151259.6	-3951.8
6663	10.1	151300.1	-3947.1
6664	10.0	151300.4	-3905.0
6665	9.8	151303.6	-3927.4
6666	10.1	151333.6	-3936.8
6667	10.0	151337.8	-3900.0
6668	9.3	151338.6	-3953.8
6669	10.1	151339.6	-3926.8
6670	8.8	151340.1	-3933.3
6671	10.0	151340.6	-3921.6
6672	10.1	151358.6	-3908.6
6673	9.2	151403.4	-3942.4
6674	9.5	151426.7	-3958.6
6675	10.1	151428.2	-3920.6
6676	9.4	151434.9	-3928.5
6677	10.0	151439.4	-3951.6
6678	9.4	151442.4	-3905.3
6679	10.0	151454.4	-3933.9
6680	10.0	151513.4	-3949.5
6681	9.8	151526.9	-3935.0
6682	10.1	151526.9	-3959.7
6683	10.1	151534.4	-3947.1
6684	10.0	151538.4	-3921.0
6685	9.6	151548.4	-3925.4
6686	9.6	151551.2	-3929.6
6687	10.1	151558.3	-3958.9
6688	10.1	151600.3	-3959.1
6689	9.8	151603.4	-3944.8
6690	10.0	151613.4	-3934.7
6691	9.4	151616.4	-3922.0
6692	9.2	151618.4	-3956.3
6693	9.2	151621.9	-3930.3
6694	9.3	151622.9	-3920.6
6695	6.4	151635.9	-3915.7
6696	10.0	151648.2	-3946.2

-39 6876 15h56m

6697	10.1	151716.7	-3934.9
6698	10.1	151717.7	-3954.1
6699	9.3	151718.2	-3905.0
6700	9.8	151719.6	-3956.7
6701	10.1	151748.2	-3949.3
6702	10.1	151748.6	-3907.7
6703	10.1	151753.2	-3954.6
6704	7.5	151756.7	-3926.7
6705	10.1	151757.2	-3925.1
6706	10.1	151758.3	-3902.8
6707	10.1	151759.2	-3927.2
6708	9.8	151808.6	-3931.0
6709	10.1	151812.7	-3946.4
6710	10.0	151830.6	-3944.4
6711	9.6	151835.7	-3935.0
6712	9.8	151836.5	-3901.5
6713	10.1	151837.6	-3942.2
6714	9.2	151837.7	-3958.9
6715	10.1	151840.5	-3918.8
6716	10.0	151843.5	-3906.3
6717	8.7	151853.0	-3956.4
6718	9.3	151911.3	-3940.5
6719	10.1	151915.0	-3928.8
6720	9.8	151930.5	-3954.6
6721	10.1	151933.0	-3933.0
6722	9.6	151944.5	-3915.9
6723	8.7	151947.5	-3905.6
6724	10.1	152001.0	-3911.8
6725	7.8	152015.7	-3921.0
6726	10.0	152033.0	-3904.8
6727	8.8	152038.9	-3922.1
6728	9.4	152039.6	-3948.9
6729	9.0	152058.4	-3940.1
6730	8.4	152110.3	-3943.7
6731	9.6	152112.6	-3904.6
6732	9.4	152130.3	-3944.7
6733	8.7	152132.8	-3942.0
6734	9.4	152157.3	-3943.1
6735	9.6	152159.3	-3914.9
6736	9.2	152214.8	-3922.5
6737	9.6	152221.3	-3959.7
6738	8.6	152222.8	-3928.2
6739	9.4	152318.3	-3933.5
6740	9.6	152420.5	-3941.6
6741	8.7	152520.3	-3935.2
6742	9.2	152520.6	-3902.1
6743	9.4	152532.8	-3919.0
6744	7.2	152547.8	-3938.5
6745	9.4	152549.8	-3914.8
6746	9.1	152559.8	-3934.7
6747	9.2	152602.8	-3919.8
6748	9.6	152610.3	-3920.0
6749	9.4	152619.8	-3902.0
6750	9.0	152619.8	-3940.6
6751	9.4	152622.8	-3919.0
6752	8.5	152636.8	-3948.5
6753	9.2	152640.3	-3953.2
6754	9.6	152640.8	-3937.6
6755	9.6	152643.8	-3958.0
6756	9.6	152654.8	-3932.1
6757	9.4	152708.8	-3913.8
6758	9.6	152709.3	-3939.8
6759	9.3	152742.8	-3903.2
6760	9.6	152815.8	-3937.2
6761	9.5	152828.5	-3957.9
6762	9.1	152848.8	-3944.3
6763	9.4	152858.8	-3959.9
6764	9.6	152902.3	-3912.4
6765	9.6	152905.8	-3953.1
6766	9.6	152909.8	-3944.4
6767	9.6	152921.8	-3924.4
6768	9.6	152921.8	-3900.9
6769	9.2	152921.8	-3951.2
6770	9.6	152937.8	-3900.0
6771	8.6	152941.3	-3941.7
6772	8.6	152947.3	-3926.6
6773	9.4	152953.1	-3901.8
6774	8.7	152958.8	-3939.1
6775	9.6	153005.8	-3931.7
6776	9.6	153010.8	-3949.8
6777	9.6	153020.3	-3912.5
6778	9.0	153030.3	-3933.9
6779	9.2	153030.3	-3919.7
6780	9.6	153039.0	-3901.4
6781	9.6	153040.3	-3917.0
6782	9.6	153040.3	-3924.8
6783	8.7	153050.3	-3933.6
6784	8.1	153052.8	-3935.7
6785	9.2	153102.8	-3950.3
6786	8.7	153122.8	-3924.3
6787	9.2	153150.3	-3935.1
6788	8.8	153157.8	-3947.1
6789	9.4	153202.8	-3926.0
6790	9.6	153202.8	-3914.9
6791	9.6	153212.1	-3900.8
6792	8.9	153217.8	-3913.3
6793	9.0	153219.8	-3907.7
6794	8.2	153228.3	-3940.5
6795	9.2	153234.3	-3922.9
6796	7.0	153250.3	-3934.4
6797	8.0	153338.8	-3904.4
6798	9.6	153357.8	-3915.6
6799	9.2	153430.6	-3902.1
6800	9.6	153459.8	-3905.2
6801	9.2	153507.3	-3935.0
6802	9.6	153526.6	-3959.3
6803	7.7	153534.8	-3903.7
6804	8.4	153541.3	-3905.0
6805	9.6	153635.8	-3905.1
6806	9.6	153654.0	-3958.1
6807	8.0	153702.3	-3922.5
6808	8.6	153702.8	-3918.7
6809	9.6	153719.8	-3953.5
6810	9.2	153755.8	-3926.3
6811	8.8	153855.8	-3947.2
6812	9.6	153900.3	-3908.6
6813	9.6	153901.3	-3937.0
6814	7.4	153906.8	-3948.2
6815	9.2	153911.3	-3917.0
6816	9.6	153912.8	-3941.7
6817	9.4	153916.8	-3958.1
6818	9.3	153929.3	-3927.5
6819	9.4	154007.8	-3907.8
6820	9.5	154023.8	-3909.4
6821	8.9	154029.8	-3942.1
6822	9.2	154040.0	-3900.0
6823	9.5	154048.3	-3905.5
6824	9.4	154111.8	-3902.8
6825	9.2	154114.8	-3950.9
6826	9.6	154128.3	-3902.1
6827	8.6	154147.8	-3915.1
6828	8.8	154212.3	-3955.3
6829	9.4	154227.8	-3946.9
6830	8.5	154227.8	-3928.3
6831	9.4	154323.8	-3946.1
6832	8.5	154326.8	-3911.5
6833	9.3	154338.3	-3913.9
6834	8.3	154353.3	-3917.9
6835	7.8	154400.3	-3908.1
6836	9.2	154433.8	-3909.1
6837	8.0	154441.8	-3930.9
6838	9.6	154450.3	-3936.5
6839	8.8	154454.3	-3910.3
6840	9.6	154503.3	-3927.4
6841	9.3	154503.3	-3955.2
6842	9.3	154621.5	-3946.8
6843	9.4	154642.0	-3927.5
6844	8.8	154651.7	-3955.1
6845	8.9	154652.7	-3901.4
6846	8.0	154659.7	-3912.0
6847	6.8	154745.5	-3929.6
6848	10.0	154811.6	-3929.5
6849	9.6	154828.4	-3902.0
6850	9.4	154829.2	-3936.4
6851	9.6	154839.7	-3911.6
6852	8.8	154855.6	-3953.4
6853	9.4	154905.6	-3959.8
6854	10.0	154910.6	-3954.2
6855	9.2	154915.9	-3959.8
6856	9.0	154920.2	-3918.0
6857	9.4	154958.2	-3940.6
6858	9.0	155008.7	-3943.5
6859	10.0	155021.2	-3958.6
6860	9.8	155022.6	-3954.6
6861	9.0	155216.7	-3931.4
6862	10.0	155221.7	-3942.2
6863	9.2	155234.7	-3909.0
6864	10.0	155236.1	-3944.6
6865	8.6	155239.7	-3920.6
6866	10.0	155248.7	-3916.6
6867	9.8	155340.6	-3923.5
6868	10.0	155349.7	-3905.3
6869	10.0	155350.6	-3957.2
6870	8.8	155407.2	-3916.9
6871	9.2	155422.7	-3959.9
6872	10.0	155425.6	-3904.0
6873	10.0	155530.2	-3918.0
6874	9.3	155551.6	-3931.4
6875	7.3	155621.6	-3905.2
6876	8.8	155635.2	-3920.6

-39 6877 15h56m

-39 7236 16h53m

6877	9.4	155649.6	-3958.5	6967	10.0	162620.8	-3959.0	7057	10.0	163637.3	-3957.2
6878	7.8	155721.2	-3929.8	6968	9.8	162627.3	-3952.3	7058	10.0	163639.3	-3944.9
6879	9.0	155730.7	-3923.8	6969	10.0	162640.3	-3943.2	7059	10.0	163705.9	-3938.1
6880	9.6	155732.2	-3928.4	6970	9.8	162649.7	-3956.7	7060	9.9	163712.7	-3958.5
6881	9.2	155807.7	-3953.1	6971	9.4	162654.3	-3957.4	7061	10.0	163717.2	-3913.8
6882	9.6	155812.3	-3955.3	6972	10.0	162654.8	-3912.4	7062	10.0	163720.3	-3932.7
6883	10.0	155825.2	-3959.4	6973	9.9	162708.8	-3935.7	7063	9.0	163720.3	-3938.5
6884	9.8	155833.2	-3959.6	6974	9.8	162719.3	-3958.2	7064	10.0	163722.8	-3938.0
6885	9.8	155850.6	-3959.2	6975	10.0	162749.2	-3945.0	7065	9.2	163724.3	-3908.4
6886	10.0	155850.6	-3926.6	6976	9.4	162755.2	-3954.2	7066	9.6	163727.6	-3946.3
6887	9.6	155857.7	-3921.6	6977	10.0	162802.2	-3918.3	7067	8.0	163739.3	-3933.0
6888	8.6	155928.7	-3931.0	6978	9.3	162812.8	-3904.4	7068	8.3	163739.3	-3930.7
6889	9.6	155941.6	-3931.6	6979	10.0	162832.2	-3909.9	7069	7.9	163745.0	-3902.4
6890	9.8	155943.2	-3917.0	6980	9.6	162844.9	-3952.7	7070	9.6	163745.8	-3934.9
6891	10.0	155949.2	-3933.8	6981	10.0	162859.3	-3958.2	7071	8.8	163754.3	-3922.4
6892	9.6	160009.2	-3924.0	6982	9.4	162900.2	-3932.9	7072	9.8	163801.3	-3903.3
6893	9.8	160030.2	-3931.9	6983	10.0	162907.3	-3959.1	7073	9.2	163802.3	-3901.8
6894	8.8	160041.2	-3938.8	6984	9.9	162908.0	-3955.0	7074	10.0	163805.9	-3958.4
6895	9.4	160048.6	-3951.8	6985	9.6	162910.3	-3927.1	7075	10.0	163811.3	-3900.8
6896	8.6	160052.6	-3918.6	6986	10.0	162918.3	-3910.0	7076	10.0	163811.3	-3946.1
6897	9.8	160123.2	-3952.2	6987	9.0	162931.0	-3901.3	7077	9.2	163813.6	-3919.5
6898	7.5	160142.6	-3947.8	6988	8.9	162936.2	-3914.5	7078	7.4	163815.3	-3908.7
6899	7.9	160242.2	-3947.7	6989	8.6	162939.0	-3909.1	7079	10.0	163815.3	-3933.9
6900	9.6	160259.2	-3928.6	6990	9.4	162944.8	-3915.3	7080	9.6	163816.3	-3915.3
6901	8.8	160300.2	-3908.4	6991	9.6	162946.5	-3912.9	7081	10.0	163816.3	-3920.6
6902	10.0	160318.2	-3917.8	6992	10.0	162949.3	-3920.3	7082	10.0	163819.3	-3910.4
6903	9.8	160339.7	-3934.6	6993	10.0	162949.3	-3910.3	7083	10.0	163819.3	-3921.1
6904	9.8	160349.2	-3931.3	6994	7.8	162954.8	-3923.8	7084	9.6	163819.3	-3934.9
6905	8.0	160413.2	-3924.8	6995	8.7	163007.2	-3917.7	7085	10.0	163820.3	-3952.7
6906	9.6	160523.7	-3958.4	6996	9.2	163010.3	-3925.5	7086	9.9	163826.3	-3933.7
6907	8.2	160612.2	-3915.8	6997	10.0	163016.2	-3912.0	7087	7.3	163828.8	-3918.1
6908	9.8	160615.2	-3922.6	6998	10.0	163029.3	-3912.0	7088	8.1	163830.3	-3921.1
6909	9.4	160621.7	-3929.4	6999	10.0	163044.2	-3908.1	7089	9.3	163831.0	-3942.9
6910	7.3	160631.7	-3918.4	7000	10.0	163044.3	-3942.5	7090	9.8	163834.3	-3946.0
6911	10.0	160643.3	-3945.0	7001	8.0	163100.3	-3921.4	7091	9.2	163837.8	-3915.1
6912	9.8	160825.2	-3907.4	7002	10.0	163101.2	-3919.9	7092	9.5	163844.3	-3936.3
6913	9.4	160840.2	-3927.8	7003	9.5	163102.2	-3948.3	7093	9.6	163844.3	-3945.4
6914	10.0	160846.1	-3915.1	7004	9.9	163119.3	-3943.0	7094	9.3	163846.8	-3926.7
6915	9.6	160902.2	-3930.2	7005	9.8	163119.3	-3927.3	7095	9.9	163850.3	-3908.6
6916	9.6	160921.7	-3905.0	7006	7.9	163124.8	-3932.3	7096	9.6	163854.3	-3946.1
6917	9.0	160945.2	-3926.0	7007	9.8	163127.3	-3941.4	7097	8.6	163857.6	-3908.6
6918	9.4	160947.7	-3917.8	7008	9.8	163128.2	-3910.0	7098	10.0	163858.8	-3906.5
6919	9.8	161000.7	-3925.6	7009	8.3	163141.8	-3915.2	7099	10.0	163909.0	-3909.9
6920	9.6	161005.2	-3912.3	7010	8.1	163149.3	-3940.3	7100	9.8	163911.4	-3933.9
6921	9.6	161028.2	-3938.2	7011	8.6	163208.8	-3938.1	7101	9.9	163917.3	-3913.5
6922	9.8	161030.2	-3938.6	7012	9.0	163220.3	-3956.4	7102	7.5	163921.6	-3944.2
6923	10.0	161036.7	-3907.0	7013	10.0	163229.8	-3930.5	7103	10.0	163924.4	-3928.4
6924	9.4	161059.6	-3940.4	7014	9.2	163232.2	-3958.8	7104	10.0	163937.6	-3915.7
6925	10.0	161101.6	-3926.6	7015	9.4	163235.3	-3951.9	7105	9.6	163938.8	-3918.0
6926	10.0	161110.2	-3920.8	7016	9.6	163241.3	-3944.0	7106	8.6	163941.3	-3933.8
6927	10.0	161127.6	-3933.6	7017	9.8	163252.8	-3948.7	7107	9.8	163946.7	-3959.8
6928	9.3	161130.2	-3912.8	7018	9.6	163306.3	-3935.0	7108	8.4	163952.9	-3922.1
6929	9.8	161131.6	-3922.7	7019	8.2	163309.3	-3921.2	7109	10.0	163955.7	-3918.5
6930	8.4	161143.7	-3908.1	7020	10.0	163310.5	-3927.3	7110	10.0	163957.3	-3956.5
6931	7.0	161144.7	-3911.6	7021	9.6	163311.3	-3931.4	7111	9.9	164011.4	-3959.8
6932	10.0	161144.7	-3933.3	7022	9.9	163318.2	-3936.0	7112	8.8	164012.1	-3958.0
6933	7.3	161147.2	-3919.4	7023	10.0	163319.3	-3952.6	7113	9.3	164012.1	-3918.1
6934	6.5	161206.5	-3907.4	7024	9.6	163319.3	-3952.7	7114	8.8	164014.8	-3932.7
6935	10.0	161242.6	-3919.1	7025	9.4	163319.9	-3954.7	7115	10.0	164019.3	-3902.2
6936	9.6	161250.6	-3907.1	7026	10.0	163322.3	-3905.2	7116	9.9	164019.3	-3959.5
6937	8.6	161307.0	-3907.6	7027	8.2	163333.3	-3933.9	7117	9.5	164025.8	-3937.0
6938	8.9	161403.5	-3954.7	7028	10.0	163339.8	-3916.4	7118	10.0	164028.6	-3953.2
6939	9.8	161459.3	-3940.0	7029	10.0	163339.8	-3937.2	7119	10.4	164050.9	-3900.4
6940	9.8	161650.9	-3939.8	7030	9.2	163349.3	-3949.0	7120	9.4	164121.8	-3908.0
6941	8.6	161741.2	-3903.3	7031	9.9	163350.3	-3949.8	7121	9.8	164129.3	-3955.1
6942	9.9	161751.2	-3915.1	7032	10.0	163358.5	-3910.1	7122	10.4	164131.4	-3948.4
6943	10.0	161816.3	-3909.5	7033	10.0	163400.2	-3913.0	7123	9.6	164200.4	-3954.1
6944	8.1	161844.3	-3932.1	7034	10.0	163408.9	-3914.0	7124	10.4	164211.8	-3933.2
6945	10.0	161848.0	-3901.5	7035	9.8	163412.8	-3950.7	7125	8.8	164224.9	-3947.0
6946	9.2	161912.2	-3947.1	7036	9.2	163414.3	-3950.4	7126	9.6	164228.8	-3949.8
6947	10.0	161923.3	-3919.4	7037	9.9	163418.8	-3930.2	7127	9.8	164238.4	-3931.0
6948	9.2	161930.2	-3940.0	7038	10.0	163419.3	-3938.8	7128	9.4	164240.8	-3937.0
6949	9.5	161942.8	-3909.2	7039	10.0	163421.3	-3944.2	7129	9.4	164250.4	-3930.8
6950	9.8	162021.3	-3908.9	7040	8.6	163429.3	-3916.1	7130	10.4	164255.8	-3932.0
6951	9.8	162141.0	-3945.6	7041	10.0	163449.3	-3925.4	7131	9.4	164257.9	-3928.9
6952	9.8	162229.3	-3959.7	7042	10.0	163500.3	-3913.6	7132	10.4	164309.1	-3945.9
6953	9.2	162245.4	-3957.3	7043	9.8	163503.0	-3901.8	7133	10.0	164311.8	-3958.6
6954	9.2	162256.8	-3956.2	7044	8.5	163508.3	-3914.6	7134	10.0	164316.6	-3909.9
6955	9.2	162307.2	-3957.1	7045	9.0	163508.3	-3943.1	7135	10.0	164317.1	-3933.6
6956	10.0	162335.2	-3914.2	7046	9.3	163509.3	-3915.2	7136	8.6	164330.4	-3901.9
6957	10.0	162409.3	-3938.5	7047	9.9	163514.3	-3939.5	7137	10.0	164347.1	-3954.7
6958	10.0	162409.3	-3937.1	7048	10.0	163520.0	-3944.4	7138	9.4	164405.1	-3905.2
6959	9.6	162423.8	-3928.8	7049	10.0	163531.8	-3947.4	7139	9.2	164430.1	-3932.9
6960	8.5	162429.3	-3904.8	7050	9.9	163531.8	-3947.9	7140	10.4	164438.1	-3932.9
6961	9.9	162519.3	-3942.0	7051	9.6	163549.3	-3955.7	7141	9.0	164440.1	-3938.9
6962	9.9	162540.2	-3921.3	7052	9.8	163557.8	-3942.8	7142	10.4	164454.6	-3926.6
6963	9.6	162542.3	-3926.7	7053	8.8	163607.0	-3902.4	7143	10.4	164456.4	-3947.3
6964	9.5	162549.3	-3942.8	7054	7.6	163609.8	-3909.3	7144	10.4	164500.1	-3915.1
6965	8.8	162550.9	-3937.9	7055	9.4	163611.3	-3920.6	7145	10.4	164516.1	-3958.7
6966	10.0	162616.8	-3928.2	7056	10.0	163617.8	-3938.6	7146	10.4	164551.6	-3957.4
7147	9.2	164555.1	-3926.5								
7148	10.2	164600.1	-3931.4								
7149	10.4	164610.1	-3942.4								
7150	10.0	164615.9	-3923.1								
7151	10.4	164620.1	-3921.1								
7152	9.6	164623.7	-3929.6								
7153	10.4	164627.1	-3903.9								
7154	9.2	164627.7	-3908.5								
7155	9.4	164629.7	-3922.5								
7156	10.4	164643.6	-3927.5								
7157	9.2	164650.1	-3916.6								
7158	10.4	164650.1	-3914.8								
7159	9.6	164651.1	-3917.7								
7160	9.8	164651.6	-3916.9								
7161	10.2	164652.6	-3914.7								
7162	9.4	164653.9	-3913.4								
7163	8.6	164655.8	-3915.7								
7164	9.8	164656.5	-3914.3								
7165	9.8	164659.9	-3916.3								
7166	9.4	164659.9	-3912.5								
7167	9.2	164701.9	-3921.9								
7168	8.8	164701.9	-3918.0								
7169	10.0	164702.2	-3957.1								
7170	10.4	164704.9	-3918.7								
7171	10.4	164706.4	-3943.9								
7172	10.2	164707.5	-3949.1								
7173	10.4	164708.8	-3917.8								
7174	10.4	164709.5	-3918.3								
7175	10.2	164714.5	-3908.7								
7176	10.2	164727.9	-3912.6								
7177	10.4	164738.5	-3932.7								
7178	10.4	164739.8	-3906.0								
7179	10.2	164740.4	-3909.0								
7180	10.4	164740.5	-3936.8								
7181	9.8	164749.5	-3922.6								
7182	9.2	164749.9	-3905.9								
7183	10.4	164757.9	-3937.8								
7184	10.2	164804.4	-3935.4								
7185	10.4	164805.9	-3938.2								
7186	8.8	164826.9	-3956.1								
7187	8.5	164829.4	-3946.5								
7188	10.4	164839.9	-3924.5								
7189	9.4	164859.4	-3926.7								
7190	10.4	164859.9	-3941.7								
7191	9.8	164928.8	-3911.1								
7192	9.6	164929.5	-3947.0								
7193	10.4	164933.8	-3941.8								
7194	10.4	164939.9	-3920.8								
7195	10.4	164957.0	-3947.5								
7196	10.4	165014.9	-3910.7								
7197	8.8	165014.9	-3922.1								
7198	10.4	165019.4	-3904.8								
7199	9.4	165029.4	-3901.6								
7200	10.2	165034.7	-3957.8								
7201	9.4	165045.4	-3902.4								
7202	9.4	165048.2	-3910.3								
7203	9.4	165053.7	-3901.6								
7204	10.2	165058.7	-3923.7								
7205	10.0	165059.7	-3941.3								
7206	10.0	165109.2	-3922.5								
7207	10.4	165112.2	-3956.0								
7208	10.4	165113.7	-3905.5								
7209	9.6	165114.7	-3948.9								
7210	10.4	165115.2	-3907.3								
7211	10.2	165118.7	-3915.6								
7212	9.4	165119.7	-3935.8								
7213	10.4	165120.7	-3912.9								
7214	10.4	165143.7	-3925.4								
7215	10.2	165145.7	-3904.7								
7216	10.4	165145.8	-3933.4								
7217	10.4	165146.2	-3919.7								
7218	10.4	165211.6	-3948.1								
7219	10.4	165219.7	-3923.1								
7220	9.6	165222.7	-3923.9								
7221	9.4	165239.7	-3939.3								
7222	10.4	165252.2	-3915.9								
7223	10.4	165252.6	-3907.7								
7224	10.4	165308.2	-3943.9								
7225	10.4	165315.2	-3906.0								
7226	10.2	165316.9	-3916.3								
7227	10.4	165322.6	-3913.1								
7228	9.6	165324.6	-3917.1								
7229	10.4	165326.7	-3932.0								
7230	10.0	165326.9	-3946.6								
7231	10.2	165329.7	-3934.1								
7232	10.4	165329.7	-3931.6								
7233	9.8	165332.6	-3931.5								
7234	9.4	165335.0	-3926.0								
7235	10.4	165338.8	-3922.4								
7236	9.8	165355.5	-3932.5								

-39 7237 16h53m

-39 7596 17h39m

7237	9.4	165357.8	-3945.9	7327	9.6	171032.1	-3952.2	7417	9.6	172255.1	-3935.4
7238	10.4	165359.5	-3905.7	7328	8.7	171037.1	-3940.2	7418	9.6	172300.1	-3927.3
7239	10.0	165359.5	-3922.6	7329	9.7	171040.1	-3906.0	7419	9.2	172311.1	-3922.5
7240	10.0	165402.5	-3911.6	7330	9.7	171044.6	-3958.4	7420	9.6	172316.6	-3955.0
7241	10.4	165411.5	-3908.9	7331	9.2	171050.1	-3921.7	7421	9.6	172318.1	-3914.8
7242	10.4	165412.5	-3909.2	7332	9.5	171108.6	-3922.2	7422	9.4	172320.1	-3933.6
7243	10.0	165419.5	-3916.1	7333	9.7	171109.7	-3959.8	7423	9.4	172331.1	-3959.1
7244	10.0	165431.0	-3923.5	7334	9.0	171110.1	-3909.6	7424	9.6	172332.6	-3913.6
7245	10.4	165434.5	-3904.1	7335	9.7	171135.6	-3914.3	7425	9.6	172339.1	-3956.2
7246	7.8	165442.5	-3954.3	7336	8.6	171143.6	-3908.2	7426	9.7	172341.6	-3905.2
7247	10.2	165448.5	-3938.3	7337	9.7	171147.6	-3946.0	7427	9.7	172341.6	-3956.1
7248	9.2	165450.5	-3935.0	7338	9.6	171151.1	-3944.1	7428	9.0	172403.7	-3907.2
7249	9.4	165523.0	-3907.8	7339	9.1	171154.6	-3949.9	7429	9.6	172404.7	-3912.0
7250	10.4	165530.0	-3919.7	7340	9.6	171211.6	-3948.2	7430	9.7	172420.2	-3910.6
7251	10.4	165539.5	-3926.1	7341	9.7	171212.1	-3924.0	7431	9.4	172438.7	-3932.0
7252	10.4	165555.4	-3901.4	7342	8.9	171220.6	-3924.0	7432	9.3	172439.7	-3941.8
7253	10.4	165559.5	-3954.2	7343	9.2	171234.6	-3902.6	7433	9.4	172440.7	-3921.3
7254	10.4	165607.8	-3939.2	7344	8.9	171245.1	-3922.1	7434	9.7	172442.2	-3921.0
7255	10.0	165609.5	-3902.0	7345	9.5	171249.1	-3951.0	7435	9.7	172444.2	-3911.0
7256	10.2	165611.5	-3910.6	7346	8.9	171251.1	-3953.9	7436	9.3	172446.2	-3915.5
7257	9.8	165612.0	-3908.1	7347	9.4	171301.1	-3915.0	7437	9.3	172448.7	-3948.1
7258	10.4	165612.0	-3933.9	7348	9.6	171340.1	-3924.7	7438	9.1	172451.2	-3919.8
7259	10.4	165615.7	-3919.5	7349	9.3	171340.1	-3943.6	7439	9.7	172452.7	-3907.3
7260	8.5	165619.5	-3952.0	7350	8.9	171344.6	-3958.1	7440	9.4	172507.2	-3915.9
7261	10.4	165635.0	-3920.7	7351	9.7	171409.1	-3918.0	7441	9.6	172509.2	-3923.0
7262	10.4	165654.5	-3922.2	7352	9.0	171438.1	-3938.7	7442	9.7	172515.2	-3939.4
7263	10.4	165659.5	-3921.1	7353	9.6	171443.6	-3932.5	7443	9.6	172524.7	-3918.0
7264	10.4	165700.0	-3932.1	7354	9.7	171445.6	-3931.5	7444	9.6	172529.7	-3909.3
7265	10.4	165709.0	-3931.2	7355	9.5	171450.1	-3941.2	7445	9.4	172531.7	-3950.1
7266	9.6	165731.6	-3929.9	7356	9.2	171454.2	-3959.4	7446	9.4	172542.2	-3948.4
7267	10.4	165735.6	-3943.7	7357	9.6	171500.1	-3955.6	7447	9.6	172550.2	-3908.9
7268	8.5	165752.8	-3907.8	7358	9.7	171504.1	-3940.1	7448	9.7	172602.2	-3926.2
7269	10.2	165829.6	-3949.3	7359	9.2	171504.6	-3946.6	7449	8.1	172611.7	-3958.9
7270	10.4	165838.5	-3920.0	7360	9.2	171510.1	-3916.5	7450	9.7	172612.2	-3917.5
7271	9.4	165841.1	-3930.4	7361	9.6	171538.6	-3910.1	7451	9.7	172615.2	-3933.2
7272	10.4	165850.6	-3932.7	7362	9.3	171555.1	-3924.5	7452	9.7	172615.7	-3923.2
7273	9.8	165852.1	-3943.8	7363	9.4	171606.6	-3952.2	7453	9.7	172617.2	-3930.0
7274	10.4	165902.1	-3928.1	7364	9.6	171623.1	-3928.5	7454	9.7	172619.8	-3902.6
7275	10.4	165914.6	-3916.5	7365	9.1	171625.6	-3958.1	7455	9.7	172621.7	-3934.9
7276	10.0	165959.1	-3949.7	7366	9.1	171628.1	-3927.6	7456	9.7	172626.7	-3926.2
7277	7.8	170007.1	-3910.2	7367	9.4	171628.6	-3910.8	7457	9.0	172628.7	-3945.7
7278	10.4	170033.5	-3937.9	7368	9.7	171633.1	-3920.9	7458	9.6	172630.7	-3937.2
7279	9.4	170048.5	-3911.7	7369	9.6	171637.6	-3937.4	7459	9.7	172634.7	-3937.4
7280	10.4	170153.1	-3924.8	7370	9.7	171645.6	-3931.4	7460	9.7	172644.2	-3955.9
7281	10.4	170159.1	-3909.9	7371	9.4	171654.1	-3936.5	7461	9.7	172647.2	-3913.6
7282	10.2	170224.1	-3925.5	7372	9.5	171711.1	-3948.1	7462	9.6	172711.7	-3949.0
7283	10.4	170232.6	-3931.6	7373	9.3	171741.6	-3935.0	7463	9.3	172711.7	-3925.1
7284	10.4	170332.2	-3936.2	7374	9.4	171748.1	-3922.6	7464	9.7	172720.2	-3949.3
7285	6.6	170339.1	-3920.8	7375	9.5	171750.6	-3900.9	7465	8.2	172725.2	-3914.8
7286	9.4	170348.2	-3906.0	7376	8.6	171752.1	-3938.8	7466	8.7	172736.7	-3933.4
7287	10.4	170405.1	-3933.4	7377	9.6	171755.6	-3919.0	7467	9.2	172738.7	-3939.4
7288	10.2	170409.7	-3934.2	7378	9.6	171757.1	-3936.7	7468	9.6	172744.7	-3922.5
7289	10.4	170413.2	-3947.4	7379	9.6	171803.6	-3935.8	7469	9.2	172758.2	-3916.9
7290	10.0	170433.2	-3932.3	7380	9.6	171814.1	-3957.0	7470	9.7	172759.7	-3922.0
7291	10.4	170444.0	-3932.1	7381	9.6	171826.1	-3948.9	7471	9.7	172802.3	-3936.7
7292	10.4	170447.2	-3938.4	7382	9.4	171830.6	-3933.8	7472	9.7	172804.7	-3911.3
7293	10.4	170455.3	-3914.1	7383	9.7	171830.6	-3950.0	7473	9.7	172808.3	-3951.6
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7295	10.0	170541.2	-3940.6	7385	9.6	171840.6	-3909.8	7475	8.7	172816.2	-3935.0
7296	7.9	170548.7	-3937.0	7386	9.0	171851.6	-3937.0	7476	9.3	172819.7	-3930.0
7297	10.4	170551.0	-3946.9	7387	9.7	171901.6	-3931.0	7477	9.2	172822.1	-3958.7
7298	10.4	170603.2	-3950.9	7388	9.7	171918.6	-3939.2	7478	9.4	172829.2	-3942.0
7299	10.4	170603.2	-3925.0	7389	9.4	171927.6	-3905.7	7479	9.6	172832.1	-3901.2
7300	10.4	170609.2	-3905.4	7390	9.5	171937.6	-3942.8	7480	9.7	172844.3	-3901.6
7301	9.2	170613.2	-3905.5	7391	9.4	171937.6	-3954.7	7481	9.5	172848.7	-3933.1
7302	10.4	170630.7	-3934.1	7392	9.7	171939.1	-3955.9	7482	9.6	172855.2	-3933.2
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7304	9.5	170703.1	-3939.1	7394	9.3	171957.1	-3956.7	7484	9.4	172859.2	-3925.2
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7306	9.6	170721.1	-3933.8	7396	9.6	172019.6	-3928.1	7486	9.6	172918.7	-3932.1
7307	9.1	170729.1	-3951.1	7397	9.4	172021.6	-3915.1	7487	8.9	172919.2	-3906.5
7308	9.2	170740.1	-3927.9	7398	9.3	172033.6	-3927.0	7488	9.2	172919.7	-3929.5
7309	9.7	170806.1	-3948.0	7399	9.1	172110.1	-3936.0	7489	9.7	172928.7	-3924.1
7310	9.2	170817.6	-3906.3	7400	9.6	172110.1	-3936.8	7490	9.5	172942.6	-3927.1
7311	8.2	170827.1	-3917.2	7401	9.6	172113.1	-3903.9	7491	9.3	172944.2	-3907.0
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7314	9.4	170841.6	-3943.9	7404	9.7	172146.1	-3952.8	7494	9.7	173001.7	-3945.0
7315	9.3	170921.6	-3952.0	7405	9.7	172158.6	-3948.1	7495	9.2	173002.7	-3925.5
7316	9.4	170923.1	-3904.2	7406	9.7	172200.1	-3936.6	7496	9.6	173016.7	-3924.1
7317	8.3	170932.1	-3933.0	7407	9.7	172209.1	-3955.5	7497	9.7	173019.7	-3917.2
7318	9.7	170940.6	-3938.7	7408	9.5	172220.6	-3945.0	7498	9.4	173021.7	-3921.1
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7320	9.2	170949.1	-3940.0	7410	9.4	172228.1	-3930.5	7500	9.2	173046.2	-3904.9
7321	9.2	170954.1	-3924.1	7411	9.6	172230.1	-3934.3	7501	8.0	173049.2	-3916.1
7322	9.4	171008.6	-3915.9	7412	8.3	172233.6	-3952.5	7502	9.6	173049.2	-3926.0
7323	8.2	171011.1	-3922.7	7413	7.8	172241.1	-3904.0	7503	8.1	173049.7	-3942.2
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7325	8.6	171019.6	-3937.9	7415	9.6	172244.1	-3941.2	7505	9.6	173102.7	-3926.1
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7507	9.5	173113.7	-3955.1	7527	8.7	173251.2	-3910.2	7537	9.4	173327.0	-3902 1
7508	9.4	173123.7	-3922.5	7528	9.7	173251.6	-3918.8	7538	9.4	173330.0	-3910.7
7509	8.0	173127.2	-3953.2	7529	9.7	173300.6	-3940.5	7539	9.4	173331.2	-3936.5
7510	7.8	173130.2	-3907.8	7530	9.7	173302.6	-3937.6	7540	10.2	173339.3	-3940.2
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7515	9.6	173205.2	-3948.1	7535	9.5	173318.7	-3915.9	7545	9.6	173401.3	-3917.2
7516	9.4	173209.7	-3923.9	7536	9.4	173324.2	-3921.3	7546	9.2	173402.3	-3926.2
7517	9.2	173213.2	-3911.6								
7518	9.2	173214.2	-3921.7								
7519	9.2	173219.2	-3920.1								
7520	9.4	173222.7	-3953.7								
7521	9.3	173224.2	-3923.6								
7522	9.6	173224.2	-3951.7								
7523	9.7	173230.2	-3912.2								
7524	9.7	173232.2	-3900.5								
7525	8.9	173250.7	-3913.9								
7526	9.7	173251.0	-3944.5								

7547	10.2	173405.3	-3953.0	7557	9.6	173502.8	-3912.[illegible]	7567	9.7	173632.3	-3941.3
7548	9.2	173410.3	-3938.4	7558	9.6	173533.3	-3916.[illegible]	7568	10.2	173638.3	-3918.7
7549	10.2	173415.3	-3953.2	7559	9.8	173535.3	-3948.[illegible]	7569	9.8	173650.3	-3954.3
7550	10.2	173416.3	-3934.9	7560	10.2	173538.3	-3940.[illegible]	7570	9.8	173651.3	-3937.6
7551	10.1	173419.3	-3910.5	7561	9.9	173545.8	-3934.[illegible]	7571	10.2	173658.3	-3923.5
7552	10.2	173444.8	-3904.5	7562	8.6	173601.8	-3947.[illegible]	7572	9.9	173706.1	-3902.1
7553	8.2	173450.3	-3945.[illegible]	7563	8.6	173602.8	-3943.1	7573	9.9	173708.3	-3904.9
7554	10.0	173451.8	-3959.[illegible]	7564	9.7	173624.3	-3929.9	7574	10.2	173720.3	-3938.3
7555	10.2	173455.3	-3928.[illegible]	7565	9.8	173626.8	-3922.1	7575	9.7	173745.1	-3902.5
7556	8.8	173458.8	-3944.[illegible]	7566	9.8	173630.3	-3953.8	7576	9.6	173745.3	-3903.4
7577	7.6	173750.8	-3912.6	7587	9.7	173853.8	-3915.9				
7578	9.4	173810.3	-3949.6	7588	10.0	173855.3	-3916.1				
7579	10.2	173811.3	-3947.1	7589	9.2	173857.8	-3945.4				
7580	10.2	173819.3	-3935.0	7590	10.2	173859.3	-3949.2				
7581	10.2	173820.8	-3951.9	7591	10.2	173859.3	-3943.1				
7582	10.0	173825.3	-3911.1	7592	10.1	173900.3	-3937.3				
7583	10.2	173830.3	-3953.1	7593	10.2	173902.3	-3913.1				
7584	8.4	173838.8	-3922.0	7594	10.2	173916.8	-3907.6				
7585	9.6	173851.3	-3909.7	7595	9.8	173920.3	-3908.3				
7586	9.7	173852.8	-3906.2	7596	9.7	173920.3	-3909.1				

-39 7597 17h39m

7597 9.9 173922.3 -3919.0	7687 8.8 174424.3 -3913.3	7777 9.9 174854.9 -3900.7	7867 10.1 175356.0 -3928.0
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7604 10.2 173944.3 -3938.0	7694 10.2 174448.3 -3953.3	7784 10.2 174909.8 -3932.1	7874 9.0 175430.0 -3950.3
7605 9.0 173946.3 -3912.4	7695 9.0 174449.1 -3902.6	7785 10.1 174910.3 -3919.5	7875 10.1 175430.0 -3933.4
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7618 9.9 174041.3 -3955.4	7708 9.9 174519.3 -3932.3	7798 10.2 174944.3 -3930.7	7888 10.2 175516.5 -3932.9
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7622 9.6 174052.3 -3920.5	7712 10.1 174533.3 -3933.1	7802 9.9 175000.3 -3926.9	7892 10.1 175525.0 -3921.6
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8038 8.6 181040.7 -3943.3	8128 9.0 182655.1 -3913.9	8218 10.0 184726.6 -3940.0	8308 10.6 185851.8 -3908.6
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8046 9.4 181210.5 -3959.9	8136 8.5 183025.3 -3948.1	8226 9.2 184914.9 -3925.0	8316 10.2 190006.8 -3907.6

-39 8316 19h00m

-39 8317 19h00m

-39 8676 20h10m

8317	9.1	190027.3	-3950.9	8407	10.2	191147.8	-3944.8	8497	9.8	193236.4	-3916.0
8318	8.8	190027.8	-3912.7	8408	10.8	191148.8	-3907.9	8498	10.3	193239.9	-3954.0
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8332	9.2	190149.3	-3923.0	8422	10.4	191502.8	-3939.9	8512	10.2	193445.6	-3959.2
8333	10.8	190150.8	-3904.6	8423	10.8	191504.3	-3937.8	8513	8.3	193510.4	-3909.9
8334	10.2	190158.8	-3921.1	8424	9.4	191505.3	-3925.1	8514	9.2	193516.4	-3911.9
8335	9.5	190200.8	-3917.5	8425	9.8	191510.8	-3911.2	8515	10.3	193531.9	-3938.0
8336	7.6	190213.8	-3906.4	8426	10.0	191513.8	-3903.4	8516	10.3	193536.0	-3942.0
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8353	8.1	190526.3	-3917.8	8443	10.2	191729.2	-3919.0	8533	8.8	193908.3	-3918.6
8354	10.8	190533.8	-3938.0	8444	10.4	191729.3	-3954.0	8534	10.3	193920.3	-3921.4
8355	9.8	190537.8	-3936.0	8445	10.4	191737.8	-3925.4	8535	10.3	193922.3	-3900.1
8356	10.8	190538.8	-3915.7	8446	10.8	191748.8	-3918.0	8536	10.3	193930.3	-3932.4
8357	10.2	190609.3	-3930.6	8447	10.8	191757.8	-3918.2	8537	9.9	193943.8	-3955.3
8358	10.8	190611.3	-3937.0	8448	10.8	191803.3	-3943.0	8538	10.3	194012.8	-3916.2
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8362	10.0	190631.3	-3947.0	8452	10.6	191841.6	-3922.7	8542	10.3	194056.3	-3909.2
8363	10.0	190635.3	-3934.0	8453	10.2	191842.8	-3928.9	8543	10.2	194112.3	-3901.8
8364	8.3	190642.8	-3952.7	8454	10.0	191844.8	-3935.3	8544	10.2	194209.8	-3900.3
8365	9.8	190649.3	-3936.1	8455	9.5	191854.3	-3933.0	8545	9.6	194222.8	-3944.2
8366	10.8	190702.8	-3954.4	8456	9.2	191914.3	-3909.4	8546	8.6	194226.8	-3954.1
8367	8.4	190704.3	-3903.5	8457	9.4	191914.3	-3903.1	8547	9.6	194233.3	-3943.2
8368	10.8	190707.5	-3901.0	8458	10.8	191934.3	-3931.9	8548	9.6	194233.8	-3936.4
8369	10.6	190707.8	-3921.5	8459	9.8	191938.8	-3959.0	8549	9.8	194238.8	-3944.6
8370	8.2	190708.8	-3924.7	8460	9.6	191942.8	-3949.9	8550	10.3	194325.3	-3922.4
8371	10.8	190709.3	-3955.5	8461	10.4	191949.8	-3915.7	8551	10.3	194340.3	-3904.9
8372	10.8	190720.3	-3905.8	8462	10.8	192000.8	-3951.2	8552	8.6	194357.8	-3908.2
8373	10.0	190721.8	-3925.5	8463	10.0	192000.8	-3922.5	8553	9.8	194404.9	-3946.8
8374	10.0	190728.8	-3935.4	8464	10.0	192005.3	-3944.4	8554	9.6	194419.8	-3924.6
8375	9.4	190733.5	-3901.0	8465	9.8	192026.1	-3928.3	8555	8.6	194424.5	-3953.9
8376	10.8	190739.8	-3907.5	8466	9.8	192032.4	-3936.0	8556	10.3	194424.5	-3934.4
8377	10.8	190749.3	-3932.1	8467	9.9	192042.3	-3943.2	8557	9.4	194430.0	-3931.1
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8383	10.4	190819.3	-3946.2	8473	10.3	192253.4	-3944.8	8563	11.0	194720.5	-3915.8
8384	9.2	190824.3	-3955.0	8474	10.0	192307.0	-3930.5	8564	11.0	194726.5	-3911.0
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8386	9.8	190844.3	-3954.6	8476	9.4	192356.5	-3924.7	8566	10.0	194743.5	-3934.8
8387	10.8	190849.3	-3943.8	8477	10.0	192502.0	-3943.0	8567	8.8	194829.0	-3955.0
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8395	10.6	191019.8	-3944.3	8485	10.3	192900.9	-3916.7	8575	10.6	195016.0	-3955.9
8396	10.4	191039.8	-3923.5	8486	9.6	192938.9	-3902.1	8576	10.8	195033.5	-3943.7
8397	9.6	191042.3	-3942.7	8487	10.2	193003.9	-3954.1	8577	10.6	195042.5	-3927.7
8398	9.4	191057.3	-3937.5	8488	9.9	193017.9	-3912.0	8578	10.6	195057.5	-3936.4
8399	10.8	191058.3	-3927.6	8489	8.6	193024.9	-3910.4	8579	10.4	195120.0	-3926.7
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8401	10.8	191109.3	-3906.1	8491	8.8	193106.9	-3946.3	8581	10.2	195148.2	-3951.0
8402	10.2	191114.3	-3944.9	8492	10.3	193113.9	-3900.6	8582	11.0	195214.2	-3942.5
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8404	10.2	191120.8	-3930.3	8494	10.3	193200.4	-3933.1	8584	9.1	195221.7	-3920.5
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-39 9037 21h45m

-40 78 0h44m

9037	9.7	214533.2	-3951.0	9127	6.7	222119.4	-3945.9	9217	10.2	230810.5	-3958.7
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9047	9.8	214759.4	-3906.0	9137	10.0	222449.4	-3926.7	9227	9.4	231213.5	-3954.4
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9073	10.0	215727.2	-3924.4	9163	10.1	223515.4	-3934.7	9253	10.0	232159.8	-3913.4
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9076	10.4	215858.7	-3910.5	9166	9.9	223654.5	-3924.7	9256	10.0	232329.8	-3920.0
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9085	8.8	220350.2	-3902.1	9175	10.4	224240.5	-3923.7	9265	10.0	232854.2	-3906.5
9086	9.5	220351.7	-3957.7	9176	10.8	224313.0	-3954.1	9266	7.8	232907.6	-3938.7
9087	10.0	220530.2	-3910.-	9177	10.2	224321.0	-3929.3	9267	8.9	232937.3	-3957.5
9088	9.3	220645.2	-3922.-	9178	7.2	224355.0	-3949.2	9268	9.4	232949.6	-3930.8
9089	9.3	220750.2	-3945.-	9179	10.5	224417.0	-3925.3	9269	8.2	233146.2	-3910.9
9090	9.5	220809.2	-3938.0	9180	10.8	224419.0	-3929.9	9270	9.2	233146.2	-3951.6
9091	10.0	220809.2	-3951.6	9181	8.2	224501.5	-3936.8	9271	8.7	233146.5	-3941.6
9092	10.0	220812.4	-3914.6	9182	8.4	224519.5	-3957.8	9272	9.2	233157.6	-3902.2
9093	9.3	220845.7	-3934.2	9183	10.2	224756.0	-3916.2	9273	9.6	233240.9	-3934.3
9094	9.5	220933.7	-3949.5	9184	9.0	224859.0	-3919.7	9274	10.0	233328.6	-3927.8
9095	9.5	221020.7	-3925.2	9185	10.1	224943.0	-3913.9	9275	8.8	233430.1	-3942.5
9096	9.8	221043.7	-3925.0	9186	10.1	224947.5	-3936.5	9276	8.0	233545.1	-3954.8
9097	9.5	221054.7	-3922.8	9187	8.7	225110.5	-3946.7	9277	10.0	233551.2	-3908.6
9098	9.8	221102.7	-3945.6	9188	9.5	225306.5	-3944.2	9278	8.6	233633.5	-3923.8
9099	8.6	221129.2	-3903.5	9189	8.7	225319.5	-3949.5	9279	9.6	233647.6	-3900.6
9100	10.1	221141.4	-3910.1	9190	10.0	225321.5	-3932.7	9280	9.4	233655.1	-3922.6
9101	9.5	221143.7	-3946.3	9191	10.8	225355.5	-3938.2	9281	9.2	233734.2	-3949.2
9102	9.8	221200.2	-3905.1	9192	10.0	225401.3	-3924.1	9282	7.7	233817.8	-3901.6
9103	9.8	221238.7	-3924.2	9193	8.6	225415.8	-3930.8	9283	10.0	233948.6	-3918.3
9104	8.2	221242.2	-3923.4	9194	10.3	225621.1	-3933.7	9284	9.6	233949.1	-3903.3
9105	10.0	221247.0	-3957.1	9195	10.3	225628.6	-3939.0	9285	9.8	234111.6	-3935.7
9106	9.5	221250.2	-3945.2	9196	8.1	225631.1	-3906.3	9286	10.0	234133.1	-3900.9
9107	10.0	221332.2	-3920.4	9197	10.3	225752.9	-3920.0	9287	8.8	234200.6	-3947.6
9108	9.8	221404.0	-3951.6	9198	10.3	225759.1	-3932.9	9288	9.6	234223.2	-3935.9
9109	9.8	221434.5	-3957.2	9199	9.4	225812.1	-3933.9	9289	9.0	234308.2	-3950.3
9110	8.2	221522.5	-3923.0	9200	9.0	225819.6	-3935.6	9290	8.2	234320.6	-3940.1
9111	10.1	221523.0	-3914.5	9201	10.3	225843.5	-3902.1	9291	10.0	234341.6	-3906.5
9112	8.7	221541.5	-3932.0	9202	9.2	225914.6	-3929.0	9292	9.2	234457.6	-3955.9
9113	9.3	221608.0	-3950.1	9203	10.3	225931.6	-3944.3	9293	10.0	234508.1	-3918.3
9114	8.8	221618.5	-3912.4	9204	10.3	225947.9	-3910.5	9294	8.9	234529.1	-3933.1
9115	9.3	221622.0	-3920.1	9205	8.6	225950.6	-3928.0	9295	9.4	234534.7	-3959.1
9116	8.9	221652.0	-3925.7	9206	6.2	225956.6	-3934.0	9296	10.0	234536.4	-3959.5
9117	6.8	221715.0	-3945.6	9207	10.0	230031.6	-3944.5	9297	10.2	234610.1	-3941.8
9118	9.3	221726.0	-3932.9	9208	9.0	230115.6	-3944.6	9298	9.8	234628.3	-3931.2
9119	8.7	221801.0	-3951.3	9209	9.4	230200.6	-3933.9	9299	10.2	234656.7	-3944.1
9120	9.5	221848.0	-3930.2	9210	10.3	230338.1	-3919.6	9300	10.2	234851.8	-3958.1
9121	9.5	221905.5	-3939.3	9211	9.6	230524.6	-3904.7	9301	10.2	234857.8	-3923.7
9122	8.8	221940.0	-3931.2	9212	9.1	230604.9	-3956.9	9302	8.0	234940.3	-3944.5
9123	10.0	222028.0	-3916.2	9213	9.6	230610.1	-3928.2	9303	7.8	235131.0	-3939.0
9124	8.4	222052.5	-3943.5	9214	9.5	230640.0	-3936.4	9304	10.2	235146.8	-3907.4
9125	9.3	222111.5	-3933.8	9215	10.2	230713.5	-3943.5	9305	9.1	235207.5	-3922.8
9126	9.6	222115.0	-3911.9	9216	8.4	230802.0	-3951.6	9306	10.0	235235.8	-3956.9

9307	10.2	235341.5	-3901.1	1	10.2	00002.6	-4027.7	19	8.6	01218.8	-4058.8
9308	10.2	235348.5	-3947.3	2	10.2	00003.7	-4032.0	20	9.2	01221.7	-4048.2
9309	10.2	235350.5	-3943.0	3	9.0	00139.1	-4018.4	21	8.5	01231.0	-4022.2
9310	10.2	235437.5	-3951.6	4	10.2	00201.7	-4020.4	22	8.0	01307.0	-4048.5
9311	9.6	235501.5	-3934.6	5	7.7	00237.6	-4025.9	23	10.2	01310.7	-4006.6
9312	9.2	235604.1	-3954.6	6	10.2	00301.1	-4054.4	24	10.1	01408.3	-4008.7
9313	9.8	235641.6	-3946.9	7	10.2	00410.7	-4029.8	25	9.8	01519.2	-4007.3
9314	10.2	235728.5	-3917.1	8	10.2	00533.7	-4015.1	26	8.6	01635.2	-4058.9
9315	9.4	235739.6	-3917.4	9	10.2	00544.7	-4016.4	27	9.2	01757.7	-4022.3
9316	7.0	235856.1	-3933.2	10	9.4	00604.3	-4018.2	28	9.6	01831.7	-4029.5
9317	10.2	235915.5	-3955.2	11	10.0	00653.1	-4024.1	29	7.4	02003.2	-4020.3
9318	8.8	235937.6	-3950.0	12	8.6	00821.6	-4029.3	30	8.4	02016.7	-4023.6
				13	7.7	00858.6	-4047.3	31	8.4	02040.2	-4015.1
				14	9.2	00858.6	-4047.1	32	8.2	02044.2	-4034.4
				15	10.2	00906.1	-4013.2	33	10.0	02105.2	-4038.3
				16	9.0	01011.8	-4010.1	34	9.9	02214.7	-4038.0
				17	10.0	01015.3	-4002.5	35	6.6	02216.7	-4036.3
				18	9.4	01023.3	-4011.0	36	10.1	02247.2	-4012.2
								37	9.7	02255.2	-4014.7
								38	10.1	02321.2	-4033.5
								39	10.0	02401.7	-4004.0
								40	10.0	02414.7	-4038.5
								41	7.1	02420.7	-4012.4
								42	10.1	02529.2	-4030.1
								43	10.1	02558.2	-4024.1
								44	10.1	02558.2	-4038.7
								45	10.0	02614.2	-4051.4
								46	9.9	02619.7	-4053.0
								47	8.2	02638.7	-4001.0
								48	8.1	02700.7	-4026.8
								49	9.3	02739.2	-4032.2
								50	9.4	02739.7	-4045.7
								51	7.0	02741.7	-4036.8
								52	10.1	02801.2	-4057.1
								53	8.5	02854.7	-4051.9
								54	7.8	02928.7	-4025.7
								55	10.0	03048.2	-4033.8
								56	9.3	03121.2	-4021.7
								57	10.1	03136.2	-4012.1
								58	10.1	03144.2	-4052.0
								59	9.8	03148.2	-4028.4
								60	10.1	03211.2	-4042.2
								61	10.1	03311.7	-4008.1
								62	9.6	03527.7	-4043.6
								63	10.1	03532.7	-4017.5
								64	10.1	03601.7	-4015.9
								65	9.7	03647.2	-4003.2
								66	9.9	03755.7	-4020.8
								67	10.1	03757.7	-4057.0
								68	9.8	03818.7	-4007.4
								69	10.0	03916.2	-4009.0
								70	8.5	03929.7	-4016.3
								71	10.1	03951.8	-4059.4
								72	9.8	04019.8	-4027.4
								73	9.4	04046.5	-4057.3
								74	9.8	04137.3	-4002.5
								75	10.1	04152.3	-4027.7
								76	8.9	04229.8	-4004.1
								77	10.1	04246.8	-4003.0
								78	9.3	04421.3	-4014.4

79	9.3	04448.3	-4037.8	169	9.2	15419.5	-4015.3	259	9.8	25651.6	-4052.4	349	8.8	33740.4	-4026.9
80	9.1	04555.5	-4059.0	170	8.4	15519.5	-4052.5	260	10.0	25715.1	-4009.2	350	9.0	33753.4	-4052.3
81	10.1	04613.3	-4012.3	171	8.4	15523.0	-4016.1	261	9.2	25717.0	-4001.0	351	9.8	33754.9	-4034.3
82	9.6	04621.3	-4010.6	172	9.4	15525.5	-4009.7	262	7.7	25750.1	-4044.3	352	9.8	33857.7	-4001.2
83	10.1	04902.3	-4020.4	173	10.0	15540.5	-4034.3	263	9.6	25800.1	-4019.3	353	9.5	33908.4	-4059.9
84	8.2	05128.8	-4012.2	174	9.8	15634.0	-4048.5	264	9.8	25807.1	-4022.6	354	10.0	33936.4	-4006.5
85	9.8	05132.3	-4032.0	175	9.8	15638.5	-4010.9	265	9.8	25809.1	-4026.1	355	10.0	34012.4	-4002.8
86	8.8	05134.8	-4037.4	176	8.2	15721.0	-4001.5	266	9.8	25821.1	-4012.1	356	9.2	34113.9	-4015.2
87	10.1	05214.7	-4057.7	177	10.0	15755.5	-4006.3	267	8.4	25916.1	-4035.7	357	8.7	34116.9	-4034.0
88	8.3	05220.8	-4038.4	178	9.6	15755.5	-4042.7	268	8.7	30010.6	-4021.6	358	9.8	34117.9	-4014.4
89	10.1	05402.8	-4054.0	179	8.8	15806.5	-4043.6	269	8.2	30038.1	-4012.4	359	10.0	34127.4	-4012.2
90	8.6	05430.0	-4046.6	180	10.0	15818.0	-4013.7	270	8.5	30040.6	-4018.4	360	9.1	34128.4	-4011.6
91	9.2	05453.5	-4012.7	181	10.0	15848.5	-4045.1	271	8.1	30150.1	-4015.7	361	10.0	34147.4	-4001.9
92	8.0	05610.5	-4053.2	182	10.0	15913.5	-4024.3	272	10.0	30220.6	-4037.4	362	8.6	34217.4	-4015.3
93	9.8	05639.5	-4023.6	183	8.6	20012.1	-4053.3	273	9.4	30233.1	-4036.3	363	9.4	34218.4	-4049.3
94	8.7	05657.5	-4041.3	184	10.2	20015.3	-4024.7	274	10.0	30303.1	-4014.4	364	10.0	34314.9	-4004.6
95	9.3	05802.0	-4058.2	185	7.8	20101.6	-4008.1	275	8.8	30413.1	-4005.6	365	9.0	34333.9	-4055.6
96	10.1	05821.5	-4008.3	186	10.2	20210.6	-4026.4	276	8.8	30454.6	-4054.8	366	9.0	34336.9	-4018.9
97	10.1	05831.0	-4010.9	187	10.2	20415.6	-4033.1	277	9.8	30523.6	-4038.5	367	9.4	34401.9	-4001.0
98	7.5	05855.0	-4008.5	188	9.2	20515.5	-4056.9	278	9.4	30531.1	-4049.1	368	7.2	34420.9	-4047.1
99	6.8	05937.3	-4056.5	189	8.6	20751.3	-4035.1	279	10.0	30717.1	-4020.7	369	9.6	34429.4	-4026.9
100	9.5	05945.5	-4019.6	190	10.2	20848.8	-4051.7	280	9.4	30720.1	-4017.9	370	9.4	34431.9	-4001.5
101	8.7	10015.5	-4005.1	191	10.2	20909.3	-4006.5	281	7.3	30736.1	-4052.8	371	8.4	34539.8	-4000.0
102	10.1	10040.5	-4006.6	192	8.6	20959.3	-4022.4	282	9.8	30740.0	-4030.8	372	10.2	34653.8	-4003.9
103	7.5	10041.5	-4031.6	193	9.4	21359.3	-4003.9	283	10.0	30831.5	-4001.2	373	8.4	34701.3	-4027.7
104	10.1	10056.0	-4000.5	194	9.0	21457.0	-4005.9	284	10.0	30840.6	-4044.6	374	9.2	34713.3	-4011.5
105	10.0	10109.0	-4043.3	195	9.4	21640.0	-4043.6	285	9.1	30845.6	-4011.9	375	10.0	34932.3	-4025.5
106	10.1	10146.1	-4032.9	196	10.2	21644.5	-4004.4	286	7.7	30932.1	-4043.3	376	10.2	34935.8	-4052.8
107	10.1	10158.6	-4033.4	197	10.2	21647.5	-4035.5	287	7.7	31047.1	-4013.5	377	9.5	34959.3	-4031.1
108	9.3	10259.1	-4039.0	198	9.4	21825.0	-4015.0	288	9.6	31148.1	-4006.7	378	6.7	35000.8	-4043.5
109	9.4	10308.1	-4006.9	199	9.8	21922.0	-4058.2	289	9.2	31152.1	-4021.3	379	9.8	35017.3	-4020.8
110	7.8	10350.6	-4048.6	200	9.4	22138.5	-4042.2	290	10.0	31159.6	-4032.8	380	10.3	35022.3	-4052.5
111	10.1	10357.6	-4053.2	201	8.8	22141.0	-4009.0	291	8.8	31248.1	-4008.0	381	9.5	35023.6	-4002.2
112	10.1	10508.1	-4032.9	202	10.2	22241.0	-4032.9	292	8.4	31248.1	-4055.9	382	9.0	35111.3	-4056.4
113	10.0	10518.6	-4026.5	203	9.8	22313.3	-4012.7	293	8.4	31306.1	-4047.8	383	9.6	35137.3	-4037.1
114	7.0	10743.3	-4012.3	204	8.2	22354.3	-4059.7	294	10.0	31341.1	-4008.0	384	9.8	35204.8	-4037.6
115	9.7	10910.8	-4001.1	205	10.0	22359.3	-4025.7	295	8.6	31348.1	-4026.9	385	7.4	35212.8	-4016.7
116	8.1	11005.8	-4036.9	206	9.4	22622.0	-4053.0	296	10.0	31419.0	-4033.7	386	10.3	35229.8	-4001.4
117	9.9	11058.8	-4022.1	207	10.2	22639.0	-4048.4	297	9.8	31517.1	-4026.8	387	7.8	35238.8	-4023.9
118	8.1	11110.8	-4011.7	208	9.2	22641.5	-4016.5	298	8.6	31533.1	-4044.8	388	9.3	35249.3	-4031.9
119	8.2	11150.8	-4033.5	209	9.2	22659.5	-4052.5	299	9.4	31546.1	-4059.6	389	10.2	35250.6	-4000.5
120	9.9	11236.3	-4004.7	210	9.0	22752.7	-4036.6	300	9.6	31551.1	-4021.6	390	9.4	35258.8	-4021.8
121	9.7	11237.8	-4041.0	211	9.7	22810.4	-4000.3	301	9.1	31624.4	-4000.5	391	8.5	35411.8	-4047.9
122	8.2	11245.8	-4045.8	212	9.2	22836.7	-4017.3	302	9.6	31630.1	-4055.9	392	10.3	35433.8	-4034.8
123	9.7	11330.8	-4039.0	213	9.4	22945.7	-4044.2	303	10.0	31634.1	-4047.0	393	9.8	35504.3	-4008.1
124	8.6	11338.8	-4039.6	214	9.4	22956.7	-4015.0	304	8.8	31707.1	-4021.2	394	9.6	35508.1	-4001.4
125	7.6	11354.8	-4001.3	215	9.2	23010.2	-4032.4	305	9.6	31735.6	-4003.3	395	9.3	35513.3	-4014.5
126	9.4	11509.8	-4034.1	216	8.8	23038.7	-4026.0	306	8.2	31744.1	-4043.2	396	10.3	35514.3	-4056.4
127	8.8	11531.3	-4053.3	217	9.6	23159.2	-4040.4	307	9.8	31751.1	-4026.4	397	10.3	35620.8	-4043.1
128	9.4	11751.3	-4053.1	218	9.7	23250.7	-4050.5	308	9.6	31832.6	-4037.7	398	9.2	35707.3	-4017.0
129	9.9	11830.2	-4036.3	219	8.8	23317.7	-4058.8	309	9.6	31844.6	-4033.5	399	9.4	35713.3	-4034.6
130	9.7	11850.2	-4012.4	220	8.6	23319.2	-4034.1	310	7.2	31900.1	-4031.2	400	9.6	35724.3	-4029.1
131	8.9	11910.2	-4033.5	221	8.8	23344.7	-4051.8	311	10.0	31906.1	-4049.1	401	9.6	35728.3	-4018.9
132	8.9	11920.7	-4034.4	222	9.0	23441.2	-4030.5	312	10.0	31937.1	-4056.5	402	10.2	35759.8	-4018.5
133	9.2	11929.7	-4018.9	223	8.6	23450.2	-4032.4	313	10.0	32006.1	-4033.5	403	9.8	35804.3	-4038.5
134	7.7	11931.0	-4001.7	224	6.3	23543.2	-4023.5	314	9.8	32114.6	-4033.5	404	9.8	35806.8	-4030.4
135	9.9	12049.2	-4035.5	225	8.7	23612.2	-4007.9	315	9.1	32202.5	-4013.6	405	8.3	35825.3	-4020.4
136	9.9	12155.1	-4025.4	226	9.2	23741.2	-4034.7	316	9.6	32204.5	-4035.4	406	7.4	35832.8	-4009.0
137	9.2	12707.7	-4026.6	227	9.7	23803.2	-4038.1	317	10.0	32212.5	-4026.1	407	10.3	35837.0	-4058.8
138	9.0	12810.2	-4033.2	228	8.7	23906.7	-4048.4	318	8.2	32300.5	-4018.9	408	9.8	35843.3	-4031.7
139	9.2	12851.7	-4032.6	229	9.0	24029.7	-4030.6	319	8.0	32306.0	-4016.0	409	8.4	40003.8	-4006.5
140	8.5	13010.2	-4028.7	230	8.0	24051.2	-4014.7	320	9.6	32339.5	-4007.8	410	10.3	40009.3	-4013.3
141	6.8	13022.2	-4035.1	231	9.7	24124.5	-4000.4	321	8.4	32610.5	-4032.4	411	10.0	40027.3	-4013.9
142	9.5	13108.7	-4019.3	232	9.4	24147.2	-4024.7	322	9.2	32616.0	-4057.9	412	8.6	40122.3	-4052.0
143	8.0	13119.2	-4047.2	233	9.2	24235.7	-4053.0	323	8.8	32632.0	-4056.6	413	9.5	40146.8	-4002.6
144	9.7	13134.7	-4045.7	234	8.8	24243.7	-4058.8	324	9.2	32709.5	-4033.7	414	9.5	40152.3	-4011.3
145	9.2	13141.7	-4019.5	235	8.6	24313.7	-4019.5	325	8.8	32721.0	-4048.5	415	8.6	40238.3	-4036.5
146	7.7	13151.2	-4048.9	236	9.4	24331.7	-4048.2	326	9.0	32738.5	-4025.0	416	9.8	40301.8	-4022.6
147	9.0	13159.2	-4016.9	237	9.6	24511.2	-4007.2	327	9.5	32812.0	-4042.0	417	10.2	40405.3	-4006.2
148	9.2	13257.2	-4018.3	238	9.7	24513.2	-4008.8	328	10.0	32850.5	-4016.8	418	8.6	40408.3	-4025.8
149	8.4	13258.2	-4014.4	239	7.2	24558.2	-4026.8	329	8.8	33028.5	-4026.7	419	9.2	40531.3	-4011.7
150	10.0	13340.5	-4012.1	240	9.7	24612.2	-4059.8	330	8.2	33040.5	-4021.7	420	9.6	40545.3	-4033.4
151	9.4	13341.5	-4004.1	241	9.4	24626.2	-4023.0	331	10.0	33140.0	-4055.1	421	10.3	40554.8	-4013.6
152	10.0	13355.0	-4028.2	242	9.6	24627.2	-4025.4	332	9.4	33150.5	-4041.2	422	8.3	40558.8	-4040.3
153	10.0	13859.0	-4035.3	243	9.7	24628.2	-4032.2	333	9.6	33228.5	-4022.1	423	7.8	40612.8	-4051.7
154	8.4	14049.5	-4052.6	244	9.7	24739.2	-4010.3	334	6.2	33237.0	-4041.2	424	9.6	40640.3	-4040.7
155	7.8	14118.5	-4034.2	245	8.2	24903.7	-4042.2	335	10.0	33255.5	-4032.8	425	9.1	40749.3	-4047.3
156	8.6	14225.5	-4011.8	246	8.8	24958.7	-4036.9	336	9.8	33307.5	-4052.7	426	9.3	40752.8	-4016.1
157	10.0	14344.0	-4047.8	247	9.6	25005.2	-4039.3	337	9.4	33350.5	-4032.1	427	9.4	40754.3	-4013.7
158	9.0	14414.5	-4021.7	248	8.8	25021.7	-4027.0	338	9.2	33407.0	-4048.9	428	9.8	40846.3	-4023.9
159	9.6	14516.5	-4036.6	249	9.6	25141.9	-4025.1	339	9.7	33414.5	-4017.2	429	9.4	40847.3	-4005.1
160	9.6	14606.5	-4020.0	250	9.7	25149.0	-4059.4	340	10.0	33422.5	-4017.3	430	10.2	40857.3	-4044.9
161	7.1	14607.0	-4027.2	251	9.3	25228.2	-4019.1	341	9.6	33436.5	-4012.0	431	9.2	40859.0	-4023.3
162	10.0	14627.5	-4055.6	252	9.4	25230.2	-4009.3	342	9.5	33512.5	-4027.1	432	10.3	40904.9	-4038.3
163	9.6	14649.0	-4049.1	253	4.1	25331.0	-4048.4	343	6.6	33517.5	-4045.3	433	7.6	40919.0	-4040.6
164	7.6	14652.5	-4017.4	254	10.0	25358.1	-4032.3	344	10.0	33529.0	-4000.8	434	9.3	40934.0	-4029.9
165	8.0	14700.5	-4002.1	255	9.0	25401.6	-4023.6	345	8.6	33638.0	-4059.4	435	9.3	40934.0	-4000.0
166	9.8	14709.5	-4016.9	256	9.6	25419.1	-4010.4	346	9.4	33645.0	-4033.5	436	8.8	41000.5	-4008.5
167	10.0	14814.6	-4028.3	257	10.0	25452.1	-4023.9	347	10.0	33659.5	-4049.1	437	9.5	41028.0	-4047.5
168	9.8	15035.5	-4016.8	258	10.0	25633.1	-4011.0	348	9.4	33709.5	-4023.6	438	7.9	41044.0	-4022.1

439 9.1 41121.0 -4036.9	529 9.5 43353.2 -4004.0	619 9.1 45819.1 -4015.7	709 10.1 52128.5 -4043.7
440 9.8 41121.0 -4029.6	530 10.0 43355.2 -4029.3	620 9.8 45820.1 -4047.2	710 10.1 52133.5 -4025.1
441 9.6 41128.5 -4006.9	531 9.8 43406.2 -4039.5	621 10.0 45822.1 -4009.9	711 9.4 52141.0 -4043.9
442 9.3 41154.5 -4002.0	532 8.4 43414.2 -4050.4	622 9.2 45838.1 -4033.9	712 9.2 52152.5 -4030.8
443 9.3 41236.2 -4023.1	533 10.1 43418.1 -4045.9	623 10.0 45843.1 -4026.9	713 10.1 52221.3 -4001.3
444 10.2 41236.7 -4015.9	534 8.6 43418.2 -4026.2	624 10.0 45917.1 -4027.1	714 10.1 52303.5 -4002.7
445 9.3 41321.0 -4023.2	535 8.8 43433.2 -4050.3	625 8.6 45948.1 -4046.9	715 10.0 52321.5 -4056.8
446 10.3 41337.5 -4020.5	536 9.8 43434.1 -4001.4	626 10.1 45949.6 -4015.2	716 9.1 52349.0 -4015.4
447 9.8 41354.0 -4025.1	537 8.8 43438.2 -4037.1	627 8.9 50016.8 -4043.7	717 10.1 52411.5 -4010.0
448 10.1 41357.0 -4014.8	538 8.8 43445.2 -4047.4	628 9.1 50042.3 -4017.1	718 10.1 52413.5 -4024.8
449 9.8 41359.3 -4057.4	539 8.4 43454.2 -4010.9	629 9.4 50043.3 -4050.4	719 8.1 52420.5 -4046.7
450 9.4 41406.0 -4042.5	540 9.6 43523.7 -4003.7	630 8.2 50049.8 -4044.6	720 9.6 52432.5 -4047.4
451 10.1 41417.0 -4055.7	541 9.5 43531.7 -4046.5	631 9.8 50108.3 -4054.4	721 8.2 52445.0 -4006.5
452 10.1 41424.0 -4022.3	542 10.1 43534.1 -4039.1	632 9.6 50131.3 -4007.9	722 9.8 52453.0 -4042.3
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454 10.1 41537.1 -4033.5	544 10.1 43601.1 -4029.6	634 10.0 50145.8 -4014.7	724 9.4 52505.0 -4004.6
455 10.0 41545.5 -4007.9	545 10.0 43605.2 -4016.3	635 10.0 50210.8 -4003.5	725 9.1 52505.5 -4019.8
456 10.1 41623.0 -4004.6	546 8.7 43628.2 -4039.9	636 10.0 50228.3 -4028.1	726 9.2 52515.5 -4043.7
457 10.1 41627.0 -4002.2	547 8.2 43636.2 -4005.3	637 9.5 50243.3 -4015.0	727 8.4 52533.0 -4034.8
458 10.0 41701.0 -4046.5	548 8.0 43636.2 -4005.7	638 9.8 50257.3 -4055.3	728 8.2 52536.0 -4050.4
459 10.0 41701.1 -4038.8	549 9.6 43638.7 -4021.8	639 9.4 50309.8 -4030.6	729 9.4 52536.5 -4032.2
460 10.1 41818.0 -4011.1	550 9.8 43707.2 -4015.1	640 10.0 50351.8 -4003.4	730 9.9 52548.5 -4008.0
461 10.0 41831.5 -4033.9	551 10.0 43734.7 -4044.8	641 10.1 50352.8 -4055.6	731 9.8 52603.2 -4057.9
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464 8.8 41921.3 -4041.1	554 10.0 43811.7 -4001.3	644 9.8 50534.2 -4010.0	734 9.7 52702.5 -4055.1
465 8.7 41937.3 -4033.9	555 9.4 43823.2 -4004.5	645 7.8 50558.3 -4043.0	735 10.1 52709.0 -4001.8
466 9.2 41947.3 -4047.5	556 9.8 43827.2 -4007.3	646 10.0 50607.3 -4036.8	736 10.0 52715.0 -4017.9
467 9.2 41952.3 -4038.2	557 9.6 43838.2 -4050.6	647 9.8 50625.5 -4056.0	737 9.2 52717.0 -4053.4
468 7.2 41957.3 -4020.5	558 10.1 43841.1 -4035.1	648 10.1 50652.9 -4027.7	738 10.1 52720.2 -4001.8
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471 8.7 42025.8 -4031.5	561 10.0 43856.2 -4024.0	651 9.8 50714.9 -4021.2	741 8.8 52749.5 -4027.6
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474 10.0 42054.3 -4016.4	564 10.1 44027.8 -4001.8	654 10.1 50815.1 -4024.6	744 10.0 52854.5 -4051.8
475 9.4 42107.8 -4043.5	565 10.0 44144.4 -4031.9	655 9.4 50816.1 -4037.4	745 10.0 52908.2 -4059.0
476 8.7 42123.8 -4007.3	566 8.6 44207.9 -4008.4	656 10.0 50819.4 -4000.0	746 9.4 52944.1 -4051.2
477 8.9 42131.8 -4018.1	567 10.1 44236.4 -4011.9	657 9.1 50822.6 -4047.3	747 10.0 52959.1 -4006.2
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486 7.3 42319.8 -4045.1	576 10.0 44432.4 -4040.7	666 8.6 51025.1 -4027.6	756 10.0 53150.6 -4037.5
487 10.0 42323.3 -4040.1	577 10.0 44544.9 -4009.4	667 10.1 51029.6 -4000.6	757 8.8 53207.1 -4047.2
488 10.0 42406.3 -4054.3	578 10.1 44546.9 -4053.6	668 9.4 51049.1 -4023.1	758 10.1 53212.6 -4036.0
489 10.0 42411.8 -4051.7	579 10.1 44609.9 -4006.1	669 10.1 51206.1 -4030.4	759 8.9 53212.6 -4046.9
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495 8.4 42547.8 -4039.6	585 10.0 44704.4 -4052.7	675 9.6 51319.6 -4041.0	765 9.4 53320.6 -4014.4
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499 8.0 42623.3 -4040.0	589 9.4 44826.1 -4021.7	679 10.1 51405.0 -4044.9	769 9.1 53347.6 -4028.0
500 8.6 42648.3 -4007.7	590 9.6 44828.1 -4023.7	680 10.0 51425.6 -4038.1	770 10.0 53358.6 -4035.4
501 10.0 42726.8 -4050.9	591 10.0 44857.1 -4056.7	681 9.7 51428.6 -4020.3	771 9.9 53421.0 -4018.1
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512 8.2 43050.2 -4016.3	602 9.3 45329.6 -4032.9	692 10.1 51731.1 -4012.3	782 9.2 53530.5 -4022.1
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514 9.2 43125.7 -4010.8	604 10.0 45415.6 -4031.9	694 10.1 51829.6 -4003.1	784 9.6 53546.5 -4049.1
515 9.4 43130.0 -4058.5	605 10.1 45422.1 -4046.4	695 10.1 51852.1 -4001.8	785 9.3 53604.0 -4028.4
516 10.0 43131.7 -4041.8	606 10.0 45438.6 -4051.7	696 10.1 51858.1 -4004.9	786 9.8 53609.5 -4002.0
517 9.8 43205.7 -4057.7	607 10.1 45438.6 -4048.5	697 10.0 51902.1 -4006.9	787 9.9 53613.5 -4016.8
518 10.1 43206.2 -4009.5	608 9.4 45459.6 -4049.1	698 8.8 51905.1 -4006.2	788 9.0 53619.5 -4018.4
519 10.0 43236.2 -4044.1	609 9.1 45513.6 -4003.7	699 10.1 51913.1 -4034.7	789 9.8 53645.5 -4023.0
520 10.0 43238.2 -4046.9	610 9.5 45521.1 -4036.3	700 10.1 51932.1 -4010.8	790 9.4 53710.5 -4012.7
521 9.4 43311.2 -4017.9	611 10.0 45523.1 -4030.3	701 9.4 51939.4 -4001.7	791 9.6 53749.0 -4042.8
522 9.2 43319.2 -4046.9	612 9.5 45559.1 -4026.0	702 10.1 51942.0 -4048.7	792 9.0 53751.0 -4020.0
523 9.6 43326.7 -4033.8	613 9.6 45602.1 -4054.1	703 9.6 51950.5 -4024.7	793 9.4 53802.0 -4007.6
524 9.0 43333.2 -4012.1	614 9.3 45604.1 -4006.0	704 9.4 51953.0 -4026.9	794 9.4 53813.5 -4017.5
525 10.1 43334.1 -4044.8	615 8.9 45618.1 -4016.5	705 10.1 52010.5 -4052.8	795 9.4 53828.2 -4059.7
526 9.5 43337.7 -4003.2	616 10.1 45635.6 -4050.5	706 9.6 52032.5 -4041.8	796 9.9 53844.5 -4015.9
527 9.4 43340.2 -4055.5	617 10.1 45700.6 -4053.9	707 9.7 52050.5 -4019.9	797 9.3 53845.5 -4005.1
528 10.1 43341.1 -4011.1	618 10.1 45710.1 -4009.0	708 10.1 52126.5 -4046.9	798 9.8 53845.5 -4045.0

-40 799 5h39m

-40 1158 6h43m

799	9.7	53904.0	-4009.2	889	9.9	55538.7	-4036.0	979	10.0	61529.9	-4043.4	1069	9.6	63100.7	-4049.6
800	8.6	53906.0	-4013.2	890	8.6	55544.9	-4058.1	980	10.0	61536.3	-4051.6	1070	8.4	63103.7	-4055.7
801	9.9	53912.0	-4032.0	891	9.7	55557.2	-4042.4	981	9.3	61550.3	-4014.2	1071	10.3	63109.7	-4028.8
802	9.0	53912.5	-4049.2	892	9.0	55601.2	-4028.9	982	9.4	61555.8	-4010.5	1072	9.8	63116.7	-4042.0
803	9.4	53936.5	-4036.3	893	9.3	55635.2	-4022.3	983	9.8	61558.8	-4020.9	1073	9.6	63118.7	-4023.8
804	9.0	54009.0	-4003.7	894	8.8	55736.2	-4016.1	984	9.3	61604.8	-4045.2	1074	9.6	63123.7	-4055.6
805	9.8	54025.0	-4047.1	895	8.8	55736.2	-4008.4	985	10.0	61607.8	-4042.4	1075	10.3	63130.2	-4004.6
806	9.3	54025.5	-4008.8	896	9.3	55747.7	-4015.6	986	8.4	61612.8	-4058.8	1076	8.2	63148.4	-4057.2
807	9.9	54037.5	-4048.4	897	9.4	55801.2	-4043.6	987	10.0	61621.3	-4025.0	1077	9.2	63207.7	-4051.6
808	8.1	54103.0	-4015.0	898	8.7	55816.2	-4015.1	988	10.0	61629.3	-4011.6	1078	10.1	63208.7	-4041.7
809	9.6	54124.5	-4021.2	899	9.4	55825.2	-4019.3	989	9.2	61648.8	-4049.6	1079	10.2	63211.2	-4005.1
810	9.4	54125.2	-4034.4	900	9.9	55838.0	-4049.1	990	10.0	61648.9	-4045.6	1080	10.2	63212.7	-4029.0
811	8.5	54142.7	-4018.2	901	9.9	55842.7	-4008.5	991	10.0	61658.8	-4039.0	1081	8.8	63219.7	-4008 3
812	9.9	54148.2	-4056.4	902	9.9	55854.7	-4039.3	992	10.0	61718.9	-4058.2	1082	10.0	63224.7	-4027 0
813	9.3	54158.7	-4019.8	903	9.4	60019.9	-4057.7	993	9.4	61744.8	-4049.3	1083	10.1	63229.9	-4001.5
814	9.8	54202.7	-4056.0	904	9.9	60035.7	-4047.0	994	9.4	61748.8	-4035.4	1084	10.2	63238.2	-4022.9
815	9.7	54203.2	-4056.3	905	9.9	60051.7	-4056.0	995	9.4	61754.3	-4054.7	1085	10.2	63244.7	-4030.5
816	9.3	54220.7	-4051.5	906	9.9	60059.2	-4011.5	996	8.9	61756.8	-4049.2	1086	10.3	63259.7	-4009.9
817	8.6	54240.7	-4047.6	907	9.9	60123.2	-4051.1	997	9.7	61810.8	-4022.8	1087	8.2	63311.2	-4039.9
818	9.0	54307.2	-4056.2	908	8.5	60125.9	-4003.1	998	9.7	61834.8	-4030.8	1088	10.3	63314.2	-4051.2
819	8.6	54318.7	-4021.9	909	9.0	60130.2	-4037.1	999	9.4	61845.8	-4045.1	1089	10.2	63315.7	-4037.7
820	9.0	54337.2	-4040.9	910	8.8	60204.2	-4011.3	1000	9.6	61849.8	-4042.0	1090	10.3	63316.2	-4031.8
821	9.6	54337.7	-4039.0	911	10.0	60211.2	-4031.8	1001	10.0	61851.8	-4057.0	1091	10.0	63316.2	-4006.7
822	8.5	54346.2	-4006.6	912	9.6	60230.2	-4042.5	1002	9.6	61924.8	-4050.8	1092	10.3	63319.4	-4047.5
823	8.8	54355.7	-4025.0	913	9.4	60245.2	-4033.7	1003	10.0	61928.8	-4024.6	1093	10.2	63329.7	-4057.5
824	7.8	54357.7	-4041.7	914	9.2	60245.2	-4004.9	1004	10.0	61932.8	-4007.4	1094	9.6	63335.7	-4034.8
825	9.9	54415.7	-4057.1	915	9.6	60317.2	-4019.2	1005	9.4	62006.6	-4008.8	1095	9.4	63338.2	-4007.6
826	9.1	54419.7	-4015.2	916	9.8	60319.2	-4040.9	1006	7.2	62040.6	-4012.8	1096	9.5	63346.7	-4036.8
827	9.9	54421.7	-4017.2	917	9.2	60327.7	-4048.7	1007	9.2	62110.6	-4030.0	1097	10.3	63359.7	-4034.5
828	9.6	54457.2	-4053.7	918	9.4	60331.2	-4030.9	1008	10.0	62113.6	-4015.4	1098	10.0	63409.2	-4042.7
829	9.9	54508.2	-4026.2	919	10.0	60331.7	-4002.9	1009	10.0	62126.6	-4038.2	1099	8.2	63414.7	-4054.9
830	9.9	54520.2	-4055.8	920	10.0	60336.2	-4013.1	1010	9.8	62140.1	-4038.0	1100	8.1	63451.7	-4028.4
831	9.6	54549.2	-4001.8	921	9.3	60345.2	-4042.9	1011	7.5	62146.6	-4054.3	1101	10.2	63512.2	-4036.1
832	9.9	54640.2	-4045.7	922	9.8	60410.7	-4056.0	1012	9.6	62155.7	-4000.7	1102	9.6	63541.7	-4005.1
833	9.3	54656.7	-4028.4	923	9.2	60415.2	-4012.2	1013	9.6	62159.8	-4059.6	1103	9.0	63541.7	-4012.7
834	8.4	54658.2	-4020.8	924	10.0	60430.0	-4057.6	1014	9.6	62207.8	-4058.6	1104	9.6	63548.7	-4021.5
835	9.2	54706.7	-4044.0	925	10.0	60437.7	-4048.9	1015	10.0	62229.1	-4005.3	1105	8.2	63607.7	-4038.6
836	9.0	54718.7	-4045.4	926	9.3	60447.7	-4048.6	1016	9.2	62244.8	-4058.4	1106	10.3	63609.7	-4040.9
837	9.9	54724.2	-4056.2	927	10.0	60510.9	-4057.8	1017	10.0	62245.6	-4001.6	1107	10.3	63620.7	-4006.1
838	8.7	54726.2	-4032.4	928	9.3	60512.2	-4047.6	1018	10.0	62256.7	-4058.8	1108	8.1	63634.7	-4021.5
839	9.7	54736.0	-4000.0	929	9.0	60540.2	-4051.9	1019	9.2	62258.6	-4034.6	1109	10.2	63640.7	-4048.9
840	8.4	54742.2	-4010.7	930	7.4	60609.2	-4019.6	1020	9.4	62302.1	-4027.8	1110	10.2	63659.7	-4029.4
841	9.9	54743.2	-4027.6	931	9.7	60615.2	-4010.8	1021	9.0	62312.6	-4039.0	1111	6.5	63709.7	-4013.9
842	8.6	54746.2	-4043.5	932	9.8	60619.2	-4054.4	1022	10.0	62312.6	-4009.2	1112	7.7	63712.7	-4010.3
843	9.9	54801.7	-4016.2	933	8.9	60630.0	-4042.6	1023	9.7	62339.6	-4020.2	1113	8.8	63728.7	-4030.7
844	9.9	54808.7	-4047.0	934	10.0	60635.0	-4019.5	1024	10.0	62340.6	-4015.9	1114	9.4	63734.1	-4003.0
845	9.6	54816.7	-4003.0	935	9.8	60653.0	-4018.0	1025	10.0	62415.6	-4053.0	1115	9.4	63754.7	-4027.5
846	9.0	54831.7	-4015.3	936	9.0	60706.5	-4016.8	1026	10.0	62424.6	-4032.6	1116	10.1	63758.2	-4014.2
847	9.8	54843.5	-4042.2	937	9.0	60725.0	-4022.0	1027	10.0	62439.6	-4055.2	1117	10.0	63759.2	-4003.0
848	9.7	54845.7	-4009.4	938	8.8	60735.0	-4023.0	1028	7.0	62442.1	-4059.7	1118	10.3	63759.7	-4038.1
849	9.4	54850.2	-4025.8	939	10.0	60741.1	-4010.0	1029	9.8	62443.6	-4046.1	1119	9.6	63810.7	-4047.5
850	8.8	54850.2	-4049.1	940	8.8	60746.0	-4023.2	1030	9.8	62447.1	-4042.5	1120	10.0	63811.9	-4000.3
851	9.8	54859.7	-4054.3	941	9.2	60810.0	-4013.0	1031	8.4	62504.1	-4017.4	1121	9.5	63817.4	-4057.1
852	9.9	54906.2	-4028.2	942	10.0	60825.5	-4019.5	1032	8.6	62509.6	-4017.9	1122	9.2	63818.7	-4052.7
853	9.9	54918.7	-4030.0	943	10.0	60900.0	-4055.3	1033	9.2	62542.1	-4021.6	1123	10.3	63819.7	-4056.0
854	9.7	54921.7	-4003.4	944	9.6	60910.0	-4015.8	1034	9.8	62549.4	-4019.8	1124	10.3	63832.7	-4007.7
855	9.9	54934.2	-4038.8	945	8.4	60915.0	-4031.6	1035	10.0	62554.4	-4043.8	1125	10.0	63834.7	-4058.1
856	9.8	54938.7	-4011.7	946	10.0	60915.1	-4016.2	1036	10.0	62604.6	-4009.9	1126	10.3	63839.6	-4038.2
857	9.4	54939.7	-4023.2	947	9.8	60916.5	-4056.3	1037	9.8	62608.7	-4021.9	1127	10.3	63844.7	-4004.5
858	9.1	54949.2	-4025.9	948	9.2	60925.0	-4017.0	1038	9.8	62619.4	-4015.0	1128	8.4	63848.2	-4044.0
859	9.0	54958.2	-4001.2	949	9.4	60934.5	-4033.4	1039	10.2	62622.4	-4043.6	1129	9.6	63849.7	-4013.2
860	9.9	55016.2	-4026.2	950	9.8	60935.0	-4044.8	1040	8.6	62627.6	-4029.1	1130	9.4	63850.7	-4046.4
861	9.6	55023.7	-4018.4	951	9.2	60940.0	-4029.0	1041	10.2	62635.1	-4043.2	1131	9.1	63910.7	-4027.5
862	9.2	55027.7	-4004.7	952	9.0	61009.0	-4034.4	1042	9.6	62638.4	-4032.9	1132	8.8	63911.2	-4004.7
863	9.9	55037.2	-4006.2	953	10.0	61048.0	-4000.0	1043	7.2	62638.4	-4021.6	1133	8.5	63919.7	-4047.1
864	9.9	55046.7	-4040.5	954	9.0	61049.0	-4020.1	1044	10.3	62658.8	-4020.6	1134	9.4	63944.7	-4005.0
865	9.8	55056.7	-4026.2	955	9.6	61056.0	-4025.0	1045	7.6	62659.7	-4049.8	1135	8.6	63949.7	-4052.1
866	9.0	55117.7	-4042.8	956	9.2	61102.5	-4003.9	1046	10.1	62727.4	-4032.1	1136	10.0	64010.7	-4033.7
867	9.7	55121.2	-4029.6	957	9.4	61105.5	-4043.3	1047	10.2	62729.9	-4000.2	1137	10.3	64027.7	-4015.9
868	9.1	55127.2	-4047.0	958	10.0	61116.0	-4016.9	1048	10.3	62749.2	-4029.8	1138	10.3	64033.2	-4051.7
869	8.8	55148.2	-4015.3	959	8.9	61150.0	-4007.8	1049	8.9	62801.2	-4026.2	1139	10.1	64034.7	-4047.5
870	9.7	55149.7	-4032.1	960	10.0	61205.3	-4015.0	1050	10.2	62833.2	-4049.1	1140	9.6	64039.7	-4043.1
871	9.9	55152.7	-4053.0	961	8.7	61228.8	-4029.6	1051	9.1	62843.7	-4052.4	1141	10.2	64049.7	-4043.7
872	9.9	55153.7	-4050.0	962	9.6	61229.8	-4039.8	1052	9.0	62844.7	-4056.3	1142	10.0	64058.7	-4048.6
873	9.3	55156.2	-4018.2	963	10.0	61230.8	-4041.8	1053	10.3	62849.7	-4043.2	1143	10.1	64124.7	-4050.7
874	8.1	55220.7	-4033.8	964	9.3	61236.3	-4010.0	1054	10.3	62856.7	-4017.8	1144	10.3	64129.2	-4047.7
875	8.7	55233.5	-4000.8	965	10.0	61255.9	-4016.2	1055	8.6	62859.7	-4032.5	1145	9.8	64134.7	-4001.3
876	9.6	55241.7	-4047.9	966	9.7	61305.3	-4012.4	1056	9.2	62902.4	-4001.9	1146	9.0	64144.2	-4030.9
877	8.6	55258.7	-4023.3	967	10.0	61313.8	-4036.6	1057	8.8	62907.7	-4013.0	1147	10.3	64154.7	-4044.0
878	9.9	55305.2	-4016.5	968	9.7	61321.3	-4019.3	1058	10.3	62912.8	-4026.5	1148	9.5	64159.7	-4003.1
879	9.6	55318.2	-4041.5	969	7.8	61339.8	-4036.6	1059	10.2	62918.7	-4023.8	1149	10.3	64222.2	-4043.1
880	8.0	55322.7	-4024.8	970	9.4	61348.8	-4012.8	1060	9.8	62919.2	-4042.6	1150	9.1	64243.2	-4049.5
881	9.0	55327.7	-4055.0	971	9.4	61350.8	-4043.0	1061	10.3	62923.6	-4001.2	1151	9.0	64244.7	-4057.7
882	7.8	55335.2	-4008.6	972	9.8	61409.8	-4039.2	1062	10.2	62940.7	-4002.1	1152	10.0	64254.7	-4033.1
883	9.4	55345.2	-4019.4	973	10.0	61419.8	-4045.0	1063	8.8	62944.7	-4050.0	1153	8.5	64258.7	-4037.0
884	9.0	55427.7	-4022.3	974	9.4	61436.3	-4039.8	1064	10.3	62948.8	-4024.1	1154	9.5	64258.9	-4058.8
885	9.8	55524.2	-4025.1	975	8.6	61449.8	-4014.8	1065	8.4	63002.2	-4059.3	1155	9.2	64319.7	-4012.1
886	9.9	55527.2	-4001.5	976	9.4	61450.8	-4053.1	1066	10.1	63005.8	-4022.2	1156	10.2	64324.2	-4022.1
887	9.8	55534.2	-4024.2	977	9.8	61506.8	-4011.4	1067	10.1	63021.7	-4017.4	1157	9.1	64325.7	-4013.2
888	9.7	55537.2	-4052.4	978	10.0	61520.0	-4056.9	1068	10.3	63045.2	-4052.1	1158	9.5	64327.2	-4038.9

-40 1159 6h43m

-40 1518 7h26m

1159	10.3	64349.7	-4012.9	1249	10.0	65329.9	-4055.9	1339	9.6	70324.1	-4006.1	1429	10.0	71540.1	-4002.1
1160	10.3	64359.2	-4041.6	1250	9.4	65330.9	-4029.8	1340	10.0	70335.1	-4028.5	1430	9.5	71541.1	-4024.9
1161	9.6	64429.7	-4043.5	1251	9.0	65339.9	-4014.3	1341	9.6	70341.6	-4032.7	1431	9.0	71550.1	-4015.7
1162	8.4	64439.7	-4000.4	1252	8.7	65345.9	-4012.7	1342	8.4	70345.1	-4015.5	1432	10.0	71550.1	-4046.3
1163	9.0	64441.2	-4048.2	1253	9.6	65357.9	-4016.5	1343	9.8	70400.6	-4046.6	1433	10.0	71616.0	-4058.0
1164	9.6	64445.2	-4027.3	1254	10.0	65417.6	-4042.6	1344	8.9	70402.6	-4033.5	1434	8.5	71658.7	-4057.7
1165	10.3	64449.2	-4050.9	1255	8.8	65425.1	-4015.6	1345	9.5	70416.1	-4007.0	1435	10.0	71716.1	-4027.0
1166	9.8	64506.7	-4027.1	1256	9.4	65451.1	-4038.6	1346	10.0	70420.6	-4041.2	1436	9.6	71720.1	-4004.9
1167	10.2	64509.2	-4012.1	1257	9.9	65454.1	-4028.7	1347	9.8	70428.6	-4022.9	1437	10.0	71723.1	-4029.6
1168	10.2	64525.7	-4056.0	1258	9.4	65501.1	-4017.1	1348	10.0	70504.1	-4048.0	1438	10.0	71752.6	-4006.6
1169	10.3	64527.2	-4033.7	1259	10.0	65510.1	-4021.2	1349	9.9	70515.1	-4032.3	1439	10.0	71803.6	-4028.2
1170	9.5	64537.2	-4051.1	1260	9.9	65512.4	-4001.5	1350	10.0	70516.6	-4023.9	1440	10.0	71810.5	-4015.0
1171	9.8	64544.7	-4012.7	1261	10.0	65522.6	-4042.0	1351	9.0	70520.1	-4043.5	1441	9.8	71813.1	-4030.0
1172	10.3	64551.2	-4009.7	1262	9.0	65523.1	-4014.2	1352	10.0	70523.6	-4005.3	1442	8.6	71847.6	-4028.8
1173	9.6	64601.2	-4038.1	1263	9.6	65539.6	-4012.8	1353	10.0	70529.1	-4008.5	1443	8.9	71849.1	-4041.0
1174	8.0	64614.7	-4046.7	1264	8.1	65547.1	-4049.8	1354	10.0	70547.1	-4013.6	1444	10.0	71851.1	-4051.0
1175	10.3	64614.7	-4012.3	1265	10.0	65554.8	-4059.8	1355	9.5	70551.1	-4003.1	1445	10.0	71859.1	-4041.7
1176	10.1	64624.7	-4013.5	1266	10.0	65607.0	-4000.6	1356	9.8	70552.6	-4057.9	1446	9.6	71900.1	-4016.2
1177	10.3	64634.7	-4053.9	1267	9.1	65633.1	-4024.4	1357	9.6	70557.1	-4057.1	1447	10.0	71912.1	-4032.5
1178	10.3	64638.7	-4005.7	1268	9.6	65638.6	-4019.5	1358	9.0	70600.1	-4020.3	1448	10.0	71939.6	-4027.3
1179	8.9	64639.7	-4028.1	1269	10.0	65641.1	-4014.9	1359	9.0	70606.6	-4058.9	1449	10.0	71939.9	-4032.5
1180	10.0	64639.7	-4033.9	1270	8.4	65646.6	-4046.4	1360	8.6	70610.1	-4009.8	1450	10.1	71944.7	-4050.5
1181	10.0	64641.7	-4045.3	1271	9.4	65700.6	-4047.0	1361	9.6	70703.6	-4047.8	1451	8.5	71953.7	-4051.0
1182	9.1	64654.7	-4022.5	1272	7.7	65701.1	-4037.1	1362	10.0	70703.6	-4052.8	1452	8.8	71957.2	-4013.3
1183	9.1	64654.7	-4010.9	1273	9.6	65701.4	-4001.2	1363	9.4	70705.1	-4038.8	1453	9.8	72000.2	-4045.1
1184	10.3	64659.7	-4057.8	1274	10.0	65705.1	-4032.0	1364	9.6	70710.1	-4038.6	1454	8.0	72002.9	-4037.4
1185	10.3	64704.7	-4034.2	1275	9.4	65706.1	-4054.0	1365	9.8	70718.6	-4021.5	1455	9.8	72005.4	-4056.4
1186	10.3	64708.7	-4000.2	1276	10.0	65711.0	-4047.5	1366	9.8	70735.1	-4047.1	1456	9.8	72006.2	-4036.4
1187	10.2	64709.7	-4029.0	1277	9.5	65716.6	-4050.9	1367	10.0	70736.1	-4055.1	1457	10.1	72009.9	-4027.8
1188	10.3	64714.7	-4011.8	1278	9.8	65720.1	-4008.7	1368	9.4	70736.6	-4030.7	1458	9.8	72015.4	-4004.4
1189	10.2	64714.7	-4027.8	1279	9.4	65726.6	-4042.8	1369	9.4	70740.1	-4058.2	1459	10.1	72015.8	-4034.9
1190	10.3	64719.7	-4036.1	1280	9.9	65737.6	-4022.0	1370	10.0	70743.1	-4035.7	1460	10.2	72019.2	-4047.0
1191	7.5	64720.7	-4024.1	1281	9.2	65739.1	-4047.0	1371	9.9	70747.1	-4028.1	1461	8.9	72035.9	-4006.4
1192	9.2	64735.7	-4030.9	1282	10.0	65741.6	-4056.8	1372	10.0	70756.1	-4012.2	1462	9.1	72048.7	-4013.8
1193	9.8	64739.7	-4003.7	1283	7.4	65742.6	-4043.1	1373	6.3	70807.6	-4017.3	1463	10.2	72055.2	-4050.9
1194	9.8	64748.2	-4045.3	1284	9.9	65743.1	-4039.5	1374	10.0	70821.6	-4014.7	1464	9.6	72059.7	-4008.7
1195	9.6	64748.7	-4007.4	1285	9.8	65748.6	-4050.5	1375	8.5	70825.6	-4008.1	1465	7.9	72110.7	-4054.7
1196	10.0	64749.7	-4035.7	1286	10.0	65749.1	-4002.6	1376	9.6	70840.1	-4036.9	1466	10.2	72120.2	-4047.9
1197	10.0	64759.7	-4000.5	1287	9.0	65750.1	-4013.1	1377	8.6	70848.1	-4010.8	1467	9.8	72121.2	-4040.5
1198	10.1	64759.7	-4033.5	1288	9.6	65800.1	-4043.6	1378	9.6	70910.1	-4034.5	1468	9.1	72125.4	-4056.9
1199	10.3	64759.7	-4018.8	1289	10.0	65804.1	-4013.3	1379	9.5	70914.1	-4006.5	1469	10.2	72139.2	-4045.0
1200	10.3	64803.7	-4058.7	1290	9.3	65807.6	-4047.6	1380	9.4	70915.1	-4018.3	1470	9.6	72143.2	-4005.2
1201	9.4	64817.2	-4017.0	1291	10.0	65838.1	-4037.8	1381	9.0	70921.1	-4015.7	1471	10.2	72145.2	-4003.0
1202	10.1	64834.7	-4049.3	1292	10.0	65839.6	-4038.7	1382	10.0	70935.1	-4011.3	1472	10.0	72210.9	-4000.9
1203	10.0	64838.7	-4015.2	1293	9.9	65843.1	-4053.6	1383	10.0	70936.6	-4008.8	1473	10.0	72212.2	-4041.4
1204	9.8	64839.7	-4051.7	1294	10.0	65849.1	-4038.2	1384	10.0	70945.1	-4012.8	1474	10.1	72214.7	-4026.3
1205	10.2	64843.7	-4057.0	1295	7.8	65858.1	-4010.5	1385	9.5	70947.1	-4015.9	1475	10.1	72217.2	-4053.8
1206	7.8	64844.7	-4032.3	1296	10.0	65900.1	-4053.5	1386	9.4	70959.1	-4034.6	1476	9.8	72220.2	-4021.6
1207	9.0	64859.7	-4021.8	1297	9.6	65901.1	-4016.6	1387	10.0	71008.1	-4018.8	1477	10.2	72220.8	-4058.6
1208	9.0	64912.7	-4011.1	1298	10.0	65915.1	-4053.1	1388	9.3	71009.1	-4019.6	1478	10.2	72211.2	-4009.3
1209	10.3	64915.7	-4034.7	1299	9.0	65923.9	-4056.2	1389	9.4	71022.6	-4043.0	1479	9.8	72217.2	-4015.5
1210	9.6	64918.7	-4003.5	1300	8.8	65926.6	-4016.3	1390	10.0	71026.1	-4006.3	1480	9.6	72257.7	-4014.5
1211	10.3	64928.2	-4015.8	1301	9.5	65929.6	-4056.0	1391	10.0	71029.1	-4007.2	1481	8.0	72301.2	-4048.2
1212	9.4	64929.7	-4023.7	1302	9.6	65930.6	-4029.9	1392	9.9	71031.1	-4036.3	1482	9.6	72303.7	-4031.0
1213	9.6	64944.7	-4016.3	1303	8.6	65931.1	-4015.9	1393	10.0	71037.1	-4051.2	1483	9.8	72301.2	-4020.9
1214	10.3	64959.2	-4043.0	1304	9.8	65931.1	-4043.8	1394	10.0	71039.1	-4049.7	1484	9.8	72304.7	-4050.0
1215	10.0	64959.7	-4037.8	1305	9.1	65933.6	-4049.0	1395	9.6	71043.1	-4058.1	1485	10.2	72316.2	-4014.4
1216	8.6	65018.2	-4002.3	1306	9.3	65943.9	-4057.9	1396	7.8	71044.7	-4057.2	1486	10.2	72321.7	-4037.9
1217	10.2	65018.7	-4022.0	1307	9.2	70002.6	-4032.6	1397	9.4	71050.1	-4025.8	1487	9.2	72325.7	-4041.3
1218	10.2	65019.7	-4022.3	1308	9.8	70004.1	-4043.5	1398	10.0	71100.6	-4051.8	1488	10.0	72326.2	-4041.6
1219	9.5	65025.7	-4015.5	1309	9.3	70011.1	-4026.1	1399	9.9	71104.1	-4024.1	1489	10.2	72329.7	-4037.6
1220	10.0	65025.7	-4039.5	1310	8.7	70024.6	-4048.4	1400	10.0	71144.1	-4040.1	1490	9.1	72336.7	-4046.5
1221	8.9	65029.7	-4017.8	1311	9.6	70030.1	-4035.2	1401	10.0	71146.1	-4004.0	1491	8.9	72338.7	-4015.9
1222	10.2	65031.7	-4010.9	1312	8.2	70034.1	-4017.8	1402	10.0	71151.1	-4029.0	1492	9.5	72359.7	-4034.6
1223	10.0	65038.2	-4007.9	1313	9.2	70035.1	-4033.2	1403	9.0	71151.6	-4048.9	1493	9.8	72424.7	-4045.2
1224	9.1	65041.5	-4000.1	1314	9.6	70039.1	-4013.7	1404	10.0	71152.6	-4024.3	1494	10.2	72437.7	-4008.0
1225	9.1	65042.7	-4008.0	1315	10.0	70039.1	-4049.6	1405	9.8	71207.1	-4057.3	1495	10.0	72439.7	-4007.9
1226	9.8	65042.7	-4038.3	1316	9.9	70115.6	-4050.6	1406	8.6	71209.6	-4042.6	1496	9.8	72440.7	-4036.9
1227	8.9	65044.2	-4041.1	1317	9.4	70116.6	-4041.6	1407	10.0	71234.6	-4026.1	1497	10.2	72453.7	-4017.9
1228	9.6	65046.4	-4059.4	1318	10.0	70118.6	-4000.8	1408	10.0	71259.1	-4054.4	1498	10.2	72458.7	-4030.6
1229	9.1	65054.7	-4059.7	1319	9.0	70119.6	-4032.9	1409	8.4	71309.1	-4026.1	1499	10.2	72504.7	-4032.1
1230	9.0	65104.7	-4054.3	1320	10.0	70124.6	-4032.8	1410	10.0	71317.1	-4056.0	1500	9.3	72505.7	-4010.8
1231	10.2	65120.2	-4002.2	1321	8.0	70126.1	-4027.0	1411	10.0	71329.6	-4013.0	1501	10.1	72509.7	-4044.4
1232	10.1	65123.7	-4047.0	1322	10.0	70127.1	-4050.0	1412	9.0	71332.1	-4001.8	1502	10.2	72519.7	-4022.7
1233	10.2	65124.7	-4026.7	1323	9.6	70135.1	-4028.0	1413	9.8	71337.6	-4012.8	1503	9.2	72521.5	-4002.1
1234	8.3	65128.2	-4000.8	1324	9.6	70150.1	-4040.2	1414	9.8	71340.1	-4011.7	1504	10.2	72529.7	-4046.8
1235	9.2	65144.7	-4045.1	1325	8.8	70200.1	-4045.5	1415	9.2	71400.1	-4016.9	1505	10.1	72531.7	-4039.2
1236	10.1	65154.2	-4047.9	1326	9.9	70200.1	-4036.1	1416	9.2	71408.1	-4034.3	1506	9.8	72531.7	-4020.5
1237	9.4	65159.7	-4038.3	1327	8.6	70215.1	-4034.1	1417	10.0	71424.6	-4004.2	1507	9.8	72533.2	-4040.7
1238	8.6	65224.7	-4038.2	1328	10.0	70238.1	-4018.2	1418	9.8	71435.1	-4043.4	1508	10.2	72544.7	-4055.9
1239	10.3	65224.7	-4035.8	1329	10.0	70249.1	-4000.8	1419	9.6	71437.1	-4024.5	1509	10.2	72552.2	-4037.6
1240	7.9	65226.7	-4049.6	1330	10.0	70253.1	-4054.9	1420	9.5	71437.6	-4026.3	1510	10.2	72558.7	-4056.1
1241	10.3	65227.7	-4052.5	1331	5.7	70301.1	-4041.9	1421	10.0	71444.1	-4015.9	1511	10.2	72559.7	-4019.7
1242	9.8	65229.2	-4018.8	1332	9.0	70302.1	-4008.9	1422	10.0	71449.1	-4013.3	1512	7.8	72609.7	-4043.6
1243	10.3	65229.7	-4019.4	1333	8.8	70304.6	-4020.5	1423	10.0	71452.1	-4009.7	1513	9.3	72615.2	-4032.3
1244	8.9	65238.9	-4045.0	1334	9.2	70306.1	-4032.6	1424	9.6	71455.1	-4049.3	1514	10.2	72618.2	-4043.6
1245	10.2	65239.9	-4015.9	1335	9.2	70314.1	-4055.0	1425	10.0	71459.1	-4041.1	1515	10.0	72619.7	-4018.7
1246	10.0	65249.9	-4024.4	1336	9.8	70315.6	-4008.0	1426	10.0	71511.1	-4005.1	1516	10.1	72621.7	-4037.9
1247	10.3	65314.7	-4059.0	1337	10.0	70319.1	-4040.5	1427	10.0	71519.7	-4059.5	1517	10.0	72623.7	-4049.0
1248	10.0	65320.1	-4055.5	1338	9.6	70324.1	-4050.1	1428	10.0	71521.1	-4042.9	1518	9.3	72638.7	-4003.1

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1519	10.2	72639.7	-4031.0	1609	9.8	73537.7	-4006.7	1699	9.2	74035.3	-4036.6
1520	9.8	72644.2	-4050.0	1610	10.2	73547.7	-4006.6	1700	9.8	74039.3	-4019.3
1521	10.2	72651.2	-4037.0	1611	9.2	73550.7	-4024.1	1701	8.3	74040.3	-4009.7
1522	9.6	72654.2	-4031.3	1612	10.2	73551.2	-4056.0	1702	9.6	74042.3	-4012.0
1523	10.2	72654.7	-4013.6	1613	10.2	73554.7	-4052.6	1703	10.0	74044.3	-4036.5
1524	9.8	72705.2	-4003.2	1614	10.1	73559.7	-4009.0	1704	9.6	74044.3	-4025.0
1525	10.2	72741.7	-4030.3	1615	10.2	73607.2	-4057.2	1705	9.6	74049.3	-4037.5
1526	9.8	72743.2	-4012.1	1616	10.2	73611.7	-4013.7	1706	10.2	74050.3	-4042.7
1527	9.8	72748.7	-4032.4	1617	10.2	73614.7	-4034.0	1707	9.0	74058.3	-4021.7
1528	9.8	72749.7	-4009.2	1618	10.2	73617.2	-4033.2	1708	9.6	74100.3	-4002.1
1529	9.2	72753.2	-4034.4	1619	9.8	73625.7	-4009.2	1709	9.8	74100.8	-4023.6
1530	9.6	72803.7	-4035.1	1620	10.2	73628.7	-4041.3	1710	8.7	74102.3	-4034.4
1531	9.6	72808.2	-4039.4	1621	9.6	73635.7	-4020.1	1711	9.6	74106.3	-4038.7
1532	9.3	72809.7	-4057.4	1622	10.2	73635.7	-4007.0	1712	9.8	74106.9	-4056.9
1533	10.2	72814.7	-4008.8	1623	9.6	73639.7	-4011.0	1713	10.2	74109.3	-4039.5
1534	10.2	72815.2	-4026.2	1624	9.6	73641.7	-4032.8	1714	9.6	74112.3	-4023.7
1535	8.9	72817.7	-4025.6	1625	10.2	73649.7	-4009.0	1715	8.6	74112.8	-4026.1
1536	10.2	72819.7	-4037.1	1626	9.6	73650.7	-4052.9	1716	10.2	74113.3	-4049.9
1537	9.8	72822.7	-4047.1	1627	10.2	73652.2	-4043.3	1717	10.2	74114.3	-4049.9
1538	10.2	72823.7	-4032.3	1628	10.0	73652.2	-4014.1	1718	9.5	74114.8	-4033.1
1539	9.5	72823.7	-4031.2	1629	9.8	73659.7	-4039.3	1719	9.8	74123.3	-4058.5
1540	10.2	72824.7	-4030.0	1630	10.1	73700.7	-4020.0	1720	9.2	74131.0	-4057.1
1541	10.2	72829.7	-4027.9	1631	9.2	73704.7	-4009.1	1721	10.2	74134.8	-4007.8
1542	9.8	72830.7	-4008.4	1632	10.2	73709.7	-4048.3	1722	9.8	74136.3	-4012.5
1543	10.2	72832.0	-4000.0	1633	7.6	73709.7	-4052.4	1723	9.8	74137.8	-4031.9
1544	10.1	72835.7	-4023.4	1634	10.2	73709.7	-4015.8	1724	10.0	74148.3	-4051.0
1545	9.0	72836.7	-4008.3	1635	10.2	73717.2	-4013.7	1725	9.8	74148.7	-4049.4
1546	9.8	72842.7	-4017.1	1636	10.2	73719.2	-4056.0	1726	10.0	74149.3	-4014.6
1547	9.8	72843.7	-4031.6	1637	10.2	73719.7	-4004.8	1727	9.3	74152.7	-4022.8
1548	9.6	72858.7	-4014.6	1638	10.1	73719.7	-4052.6	1728	10.2	74153.2	-4053.6
1549	8.8	72859.7	-4015.9	1639	9.6	73720.7	-4006.0	1729	9.6	74153.2	-4036.1
1550	9.3	72912.7	-4027.1	1640	10.2	73723.2	-4034.0	1730	9.2	74154.2	-4030.2
1551	9.3	72914.7	-4048.2	1641	9.3	73725.5	-4001.6	1731	10.2	74154.2	-4002.5
1552	10.0	72919.7	-4041.7	1642	9.6	73730.4	-4020.9	1732	10.2	74154.7	-4001.0
1553	9.3	72923.7	-4038.4	1643	10.2	73732.4	-4018.8	1733	10.0	74155.7	-4052.4
1554	10.2	72924.9	-4058.1	1644	10.2	73733.4	-4059.8	1734	9.4	74209.2	-4043.8
1555	9.3	72925.2	-4052.3	1645	9.6	73734.9	-4015.3	1735	10.2	74209.2	-4055.7
1556	10.2	72934.2	-4004.4	1646	9.8	73739.4	-4030.0	1736	9.8	74213.2	-4028.2
1557	8.8	72939.7	-4039.6	1647	10.2	73740.5	-4046.2	1737	9.6	74214.2	-4024.9
1558	10.2	72941.2	-4046.2	1648	10.2	73741.9	-4028.2	1738	10.2	74220.2	-4010.8
1559	10.2	72943.7	-4053.0	1649	10.2	73744.9	-4047.4	1739	10.1	74220.7	-4008.7
1560	9.8	72949.7	-4008.2	1650	9.5	73747.4	-4008.0	1740	10.1	74225.2	-4056.6
1561	10.0	72951.7	-4029.8	1651	8.9	73755.4	-4059.7	1741	9.8	74232.2	-4024.0
1562	9.6	72957.7	-4010.1	1652	10.2	73755.4	-4002.0	1742	10.2	74234.2	-4016.2
1563	9.1	72958.7	-4038.0	1653	10.2	73755.9	-4020.2	1743	9.8	74237.5	-4059.5
1564	9.8	73004.7	-4046.4	1654	10.2	73758.9	-4005.9	1744	10.2	74239.2	-4055.4
1565	10.0	73010.7	-4045.1	1655	9.8	73800.9	-4045.6	1745	8.9	74240.2	-4013.3
1566	9.8	73011.7	-4039.7	1656	9.6	73804.9	-4027.1	1746	9.8	74240.2	-4028.1
1567	9.6	73014.7	-4012.0	1657	9.8	73808.4	-4027.6	1747	9.8	74241.2	-4025.0
1568	10.2	73029.7	-4058.8	1658	9.6	73814.4	-4017.6	1748	9.8	74244.7	-4012.7
1569	9.4	73040.2	-4027.2	1659	10.2	73817.4	-4012.3	1749	10.2	74248.3	-4021.0
1570	10.2	73045.2	-4051.0	1660	9.8	73821.4	-4003.4	1750	9.0	74250.2	-4027.5
1571	8.8	73102.2	-4034.1	1661	9.8	73822.4	-4030.9	1751	10.1	74250.4	-4058.2
1572	9.8	73102.2	-4028.7	1662	8.6	73823.9	-4019.7	1752	9.8	74252.2	-4055.3
1573	10.1	73103.2	-4029.5	1663	9.8	73825.4	-4052.4	1753	10.2	74254.2	-4036.2
1574	10.1	73106.7	-4027.4	1664	10.2	73825.4	-4013.8	1754	10.2	74254.7	-4001.6
1575	10.2	73126.2	-4052.8	1665	9.8	73829.4	-4000.2	1755	10.2	74254.7	-4056.5
1576	9.8	73129.7	-4018.4	1666	10.0	73830.4	-4011.7	1756	10.2	74257.2	-4043.6
1577	9.6	73139.7	-4004.4	1667	10.2	73833.4	-4059.9	1757	9.8	74259.2	-4038.1
1578	10.2	73141.2	-4005.2	1668	9.5	73844.4	-4041.8	1758	9.8	74259.2	-4032.9
1579	8.2	73203.7	-4015.0	1669	9.6	73852.4	-4059.6	1759	10.2	74300.2	-4048.9
1580	10.2	73237.7	-4003.0	1670	10.1	73853.4	-4056.7	1760	9.8	74301.7	-4032.9
1581	10.1	73241.2	-4011.4	1671	9.2	73855.9	-4047.8	1761	10.2	74301.7	-4007.9
1582	10.1	73244.7	-4041.9	1672	9.8	73857.4	-4030.6	1762	9.8	74302.2	-4007.1
1583	9.6	73249.7	-4026.9	1673	9.6	73900.4	-4057.6	1763	10.2	74308.2	-4032.0
1584	9.6	73251.2	-4052.6	1674	10.0	73901.4	-4028.6	1764	9.6	74310.7	-4003.5
1585	10.0	73259.7	-4008.6	1675	10.2	73901.5	-4030.8	1765	9.0	74314.2	-4051.0
1586	9.6	73308.7	-4049.2	1676	10.2	73909.9	-4019.4	1766	10.0	74323.2	-4045.8
1587	10.2	73312.2	-4003.0	1677	10.2	73910.4	-4006.1	1767	10.2	74324.2	-4037.5
1588	9.8	73322.7	-4025.2	1678	9.8	73915.4	-4049.9	1768	10.2	74327.2	-4057.4
1589	9.8	73333.2	-4006.0	1679	10.2	73917.9	-4012.3	1769	10.2	74327.7	-4012.6
1590	9.6	73340.2	-4037.6	1680	10.2	73918.9	-4006.0	1770	9.0	74335.3	-4001.8
1591	9.8	73343.2	-4033.6	1681	7.5	73927.4	-4037.7	1771	9.8	74340.7	-4019.6
1592	10.2	73358.2	-4010.8	1682	7.0	73930.8	-4000.6	1772	9.8	74344.2	-4009.5
1593	10.2	73400.9	-4040.8	1683	9.0	73934.9	-4028.0	1773	10.1	74346.2	-4012.2
1594	10.2	73405.2	-4000.0	1684	9.1	73939.4	-4042.6	1774	7.8	74351.6	-4020.3
1595	10.0	73413.7	-4046.3	1685	9.6	73939.7	-4000.2	1775	9.6	74352.6	-4008.0
1596	10.2	73415.2	-4047.8	1686	10.1	73951.3	-4018.0	1776	9.9	74354.1	-4007.1
1597	10.2	73420.7	-4042.6	1687	9.8	73955.3	-4053.0	1777	9.6	74426.1	-4050.7
1598	8.8	73440.7	-4031.1	1688	10.0	73957.3	-4007.3	1778	9.6	74426.1	-4028.7
1599	9.6	73441.2	-4032.0	1689	10.2	74004.3	-4004.3	1779	10.2	74426.5	-4044.8
1600	9.6	73443.4	-4059.8	1690	10.1	74008.3	-4056.1	1780	9.6	74427.6	-4032.9
1601	10.2	73443.8	-4059.2	1691	8.5	74010.8	-4015.0	1781	10.2	74429.1	-4043.0
1602	9.6	73505.7	-4044.8	1692	9.6	74012.8	-4034.6	1782	10.2	74432.1	-4014.0
1603	10.1	73509.7	-4050.4	1693	9.6	74014.3	-4050.0	1783	9.3	74432.3	-4057.7
1604	10.0	73511.7	-4043.3	1694	10.2	74017.3	-4018.9	1784	9.6	74433.1	-4034.3
1605	10.2	73515.7	-4052.1	1695	9.6	74019.3	-4017.4	1785	10.2	74436.5	-4058.1
1606	10.0	73518.7	-4003.5	1696	10.2	74020.0	-4059.5	1786	9.8	74438.6	-4048.6
1607	9.8	73533.7	-4055.4	1697	10.2	74025.8	-4044.7	1787	9.2	74438.6	-4033.6
1608	9.6	73533.7	-4055.0	1698	9.8	74032.8	-4032.2	1788	10.2	74439.6	-4010.8

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1789	10.2	74443.1	-4011.2								
1790	9.8	74450.6	-4013.5								
1791	8.8	74452.6	-4035.3								
1792	9.8	74456.6	-4051.7								
1793	7.0	74458.6	-4023.1								
1794	10.0	74459.1	-4033.3								
1795	10.0	74508.6	-4029.6								
1796	10.0	74509.6	-4024.3								
1797	10.1	74514.1	-4016.6								
1798	9.1	74520.6	-4004.8								
1799	10.2	74522.6	-4033.9								
1800	9.6	74523.6	-4043.6								
1801	10.0	74524.1	-4011.2								
1802	9.6	74527.1	-4025.3								
1803	9.8	74528.6	-4032.9								
1804	9.8	74529.6	-4053.0								
1805	10.2	74531.6	-4009.5								
1806	7.7	74536.6	-4035.9								
1807	8.5	74538.6	-4016.6								
1808	9.6	74538.6	-4014.4								
1809	9.8	74542.6	-4043.5								
1810	10.2	74548.1	-4054.9								
1811	9.8	74554.8	-4056.8								
1812	9.8	74558.6	-4002.6								
1813	9.8	74558.6	-4018.5								
1814	9.5	74606.8	-4030.8								
1815	9.8	74607.1	-4010.7								
1816	10.2	74609.1	-4014.1								
1817	10.0	74610.0	-4056.7								
1818	10.2	74610.6	-4019.5								
1819	10.2	74614.6	-4022.1								
1820	9.8	74614.8	-4059.6								
1821	10.2	74618.3	-4032.2								
1822	10.2	74621.6	-4057.6								
1823	8.9	74624.6	-4021.3								
1824	10.0	74627.6	-4033.3								
1825	10.0	74633.6	-4007.4								
1826	8.5	74636.1	-4023.7								
1827	10.0	74638.6	-4003.0								
1828	9.6	74640.2	-4023.5								
1829	10.0	74641.5	-4058.5								
1830	10.2	74642.6	-4015.6								
1831	10.2	74650.6	-4016.6								
1832	10.2	74650.9	-4055.0								
1833	10.2	74654.1	-4021.3								
1834	9.2	74659.0	-4023.1								
1835	9.1	74659.7	-4053.4								
1836	10.2	74704.1	-4000.4								
1837	10.2	74704.5	-4023.5								
1838	10.2	74704.6	-4041.8								
1839	10.2	74705.1	-4003.1								
1840	9.8	74707.7	-4043.5								
1841	10.2	74710.5	-4056.0								
1842	10.4	74712.4	-4012.6								
1843	10.4	74717.4	-4027.7								
1844	10.0	74718.0	-4002.0								
1845	9.8	74718.9	-4054.2								
1846	10.2	74727.4	-4047.5								
1847	10.4	74728.9	-4018.9								
1848	10.4	74731.0	-4034.1								
1849	10.4	74735.0	-4052.2								
1850	10.4	74738.4	-4040.4								
1851	10.2	74739.4	-4036.9								
1852	10.4	74742.9	-4054.8								
1853	10.4	74745.9	-4005.8								
1854	10.4	74746.9	-4005.3								
1855	10.4	74746.9	-4044.5								
1856	10.4	74747.4	-4021.4								
1857	10.4	74747.9	-4011.8								
1858	9.7	74753.9	-4043.7								
1859	6.3	74754.9	-4015.1								
1860	10.4	74754.9	-4033.6								
1861	10.1	74758.9	-4002.7								
1862	9.8	74800.0	-4000.0								
1863	9.2	74818.9	-4027.2								
1864	10.4	74822.4	-4013.8								
1865	8.8	74823.9	-4014.5								
1866	9.9	74824.4	-4010.9								
1867	10.4	74831.2	-4057.4								
1868	9.0	74831.7	-4059.5								
1869	10.4	74834.0	-4058.6								
1870	10.0	74834.4	-4040.2								
1871	10.0	74839.4	-4039.6								
1872	10.0	74840.4	-4019.2								
1873	9.9	74841.9	-4019.9								
1874	10.4	74848.4	-4031.5								
1875	10.2	74853.4	-4014.4								
1876	10.4	74854.9	-4014.4								
1877	9.6	74858.9	-4049.9								
1878	10.4	74901.9	-4028.0								

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1879	10.4	74914.9	-4056.0	1969	10.4	75418.0	-4033.5	2059	10.2	75912.6	-4005.7
1880	9.4	74915.4	-4002.3	1970	10.4	75419.5	-4046.9	2060	8.6	75914.8	-4002.2
1881	8.8	74921.4	-4027.6	1971	8.6	75430.0	-4000.2	2061	10.2	75916.6	-4018.9
1882	10.4	74922.4	-4009.8	1972	10.4	75431.5	-4002.4	2062	9.8	75917.6	-4046.1
1883	10.4	74922.4	-4018.5	1973	9.7	75434.7	-4013.2	2063	10.2	75921.1	-4026.3
1884	9.9	74930.4	-4002.9	1974	10.4	75435.3	-4001.9	2064	9.4	75928.1	-4015.7
1885	9.7	74930.9	-4010.4	1975	9.9	75437.2	-4028.8	2065	9.0	75929.1	-4048.6
1886	8.3	74940.9	-4039.4	1976	8.8	75441.2	-4033.8	2066	10.4	75938.1	-4052.7
1887	9.4	74940.9	-4055.5	1977	9.7	75442.2	-4059.6	2067	9.6	75945.6	-4030.3
1888	10.2	74942.4	-4012.0	1978	9.4	75444.4	-4058.8	2068	9.8	75948.1	-4027.6
1889	10.2	74944.4	-4051.4	1979	10.4	75446.7	-4046.3	2069	9.9	75949.6	-4013.5
1890	10.2	74948.4	-4030.2	1980	9.8	75448.2	-4041.2	2070	9.4	75953.1	-4013.7
1891	10.2	74954.9	-4038.0	1981	9.4	75451.7	-4034.1	2071	9.4	80000.6	-4026.1
1892	9.4	74956.0	-4058.6	1982	8.8	75451.7	-4007.3	2072	9.8	80000.6	-4017.3
1893	9.9	75001.9	-4020.8	1983	9.6	75454.6	-4057.9	2073	10.4	80001.1	-4028.9
1894	8.3	75004.9	-4031.6	1984	10.2	75509.2	-4051.3	2074	10.2	80006.6	-4022.0
1895	9.0	75006.4	-4023.6	1985	10.0	75511.9	-4002.0	2075	9.4	80009.0	-4056.3
1896	10.1	75013.9	-4021.0	1986	9.9	75514.7	-4010.2	2076	9.8	80010.6	-4041.3
1897	9.4	75016.8	-4012.4	1987	10.1	75515.2	-4005.8	2077	10.4	80010.6	-4002.7
1898	9.9	75021.8	-4001.0	1988	8.1	75515.2	-4024.7	2078	9.0	80012.6	-4044.7
1899	10.4	75024.3	-4054.2	1989	9.0	75520.7	-4009.0	2079	9.2	80013.1	-4038.5
1900	9.2	75029.3	-4042.0	1990	9.9	75530.7	-4025.1	2080	10.4	80018.6	-4005.0
1901	9.7	75030.8	-4021.7	1991	9.8	75532.7	-4036.0	2081	10.4	80022.1	-4023.3
1902	10.4	75030.8	-4010.0	1992	9.8	75534.4	-4059.6	2082	10.2	80024.1	-4029.3
1903	10.4	75031.8	-4052.5	1993	10.2	75540.7	-4009.0	2083	10.4	80030.0	-4005.9
1904	10.1	75039.3	-4004.9	1994	10.1	75541.2	-4041.0	2084	9.6	80037.0	-4043.0
1905	9.8	75040.8	-4026.4	1995	8.6	75555.7	-4015.8	2085	10.4	80040.5	-4007.6
1906	10.4	75042.3	-4003.1	1996	9.6	75557.2	-4033.1	2086	10.4	80041.0	-4052.7
1907	10.4	75043.3	-4049.4	1997	10.2	75602.2	-4010.3	2087	10.1	80043.0	-4026.8
1908	10.2	75044.8	-4021.6	1998	8.6	75606.7	-4033.7	2088	10.4	80044.5	-4027.2
1909	10.4	75052.8	-4027.1	1999	9.2	75611.2	-4004.6	2089	10.2	80100.0	-4047.8
1910	10.4	75056.8	-4034.9	2000	9.4	75616.5	-4002.4	2090	9.7	80100.5	-4029.8
1911	9.7	75058.8	-4047.9	2001	9.4	75617.0	-4000.9	2091	9.8	80100.5	-4004.8
1912	9.4	75101.3	-4016.2	2002	9.8	75617.3	-4000.2	2092	9.9	80103.5	-4043.8
1913	10.4	75103.8	-4054.9	2003	9.8	75621.7	-4052.2	2093	9.0	80106.9	-4000.6
1914	10.4	75105.3	-4025.3	2004	9.0	75627.7	-4020.3	2094	10.4	80116.6	-4057.3
1915	10.4	75110.3	-4028.3	2005	8.6	75629.7	-4010.9	2095	8.8	80122.0	-4013.4
1916	9.9	75120.8	-4034.1	2006	10.4	75630.6	-4057.6	2096	10.4	80125.0	-4004.8
1917	9.7	75124.3	-4025.7	2007	9.8	75631.2	-4050.7	2097	10.2	80125.5	-4029.9
1918	9.8	75134.8	-4038.8	2008	10.1	75635.7	-4046.1	2098	10.4	80128.5	-4031.0
1919	10.2	75137.3	-4055.9	2009	8.2	75636.7	-4013.5	2099	10.1	80130.5	-4046.7
1920	10.4	75139.3	-4022.0	2010	9.7	75636.7	-4009.3	2100	8.8	80139.5	-4006.4
1921	10.4	75140.8	-4016.9	2011	10.4	75637.7	-4056.0	2101	10.4	80144.5	-4042.9
1922	10.0	75142.8	-4046.1	2012	10.4	75643.2	-4004.1	2102	9.0	80145.5	-4032.3
1923	10.4	75144.8	-4053.4	2013	10.4	75644.9	-4015.8	2103	9.4	80146.0	-4014.9
1924	10.4	75151.8	-4002.0	2014	10.2	75648.4	-4013.1	2104	10.0	80151.5	-4043.2
1925	7.5	75205.8	-4024.2	2015	9.9	75651.9	-4045.7	2105	9.9	80152.0	-4045.0
1926	9.0	75207.3	-4014.9	2016	9.9	75653.4	-4039.4	2106	10.1	80154.5	-4003.6
1927	9.9	75213.6	-4000.2	2017	10.0	75654.9	-4053.4	2107	9.6	80154.5	-4011.8
1928	10.4	75222.9	-4013.0	2018	10.2	75655.9	-4014.1	2108	10.0	80155.5	-4007.0
1929	9.4	75224.3	-4054.9	2019	9.4	75656.9	-4022.7	2109	10.0	80157.0	-4014.0
1930	9.8	75230.8	-4047.5	2020	9.2	75658.4	-4032.1	2110	9.2	80202.6	-4056.6
1931	9.8	75230.8	-4040.8	2021	10.2	75703.9	-4002.8	2111	9.2	80217.5	-4036.8
1932	10.4	75230.8	-4035.0	2022	9.2	75708.4	-4024.1	2112	10.0	80220.6	-4058.6
1933	10.4	75231.8	-4004.0	2023	10.4	75714.9	-4002.1	2113	10.4	80220.6	-4057.0
1934	9.7	75236.8	-4031.5	2024	10.4	75715.9	-4038.7	2114	10.4	80222.5	-4009.3
1935	9.4	75236.8	-4027.5	2025	10.4	75716.9	-4049.9	2115	10.2	80222.5	-4056.3
1936	9.8	75239.2	-4000.4	2026	9.0	75719.4	-4028.7	2116	9.0	80225.3	-4022.9
1937	9.6	75239.5	-4029.0	2027	10.4	75719.9	-4021.6	2117	10.4	80228.5	-4040.5
1938	10.0	75241.0	-4006.2	2028	10.2	75722.9	-4046.7	2118	10.2	80228.8	-4053.3
1939	9.8	75242.0	-4006.1	2029	9.9	75724.4	-4029.2	2119	10.2	80228.8	-4014.6
1940	10.0	75243.0	-4011.7	2030	9.2	75729.4	-4008.4	2120	10.2	80229.3	-4014.1
1941	9.4	75243.0	-4049.1	2031	10.4	75729.4	-4052.2	2121	10.2	80229.3	-4019.2
1942	8.0	75244.0	-4051.8	2032	10.1	75730.9	-4050.8	2122	10.2	80231.3	-4029.0
1943	10.4	75249.3	-4058.3	2033	9.4	75738.4	-4026.2	2123	9.2	80235.3	-4038.9
1944	9.8	75250.5	-4032.8	2034	10.4	75739.4	-4048.2	2124	9.9	80240.8	-4041.9
1945	10.0	75251.0	-4007.4	2035	9.9	75745.6	-4058.8	2125	10.4	80240.8	-4037.2
1946	9.0	75251.5	-4001.2	2036	10.1	75759.9	-4014.2	2126	8.6	80242.8	-4033.5
1947	9.8	75255.0	-4043.2	2037	8.8	75800.9	-4052.2	2127	9.7	80242.8	-4044.0
1948	10.0	75305.5	-4059.9	2038	9.2	75804.9	-4048.3	2128	10.4	80248.3	-4036.1
1949	10.4	75306.5	-4015.1	2039	5.7	75827.4	-4057.7	2129	9.4	80253.3	-4001.8
1950	9.0	75309.5	-4058.7	2040	10.1	75827.9	-4026.3	2130	9.4	80300.3	-4014.2
1951	9.9	75312.5	-4034.7	2041	8.3	75833.4	-4003.1	2131	10.4	80300.3	-4057.2
1952	9.9	75318.5	-4025.5	2042	10.4	75834.9	-4013.4	2132	10.2	80315.3	-4050.8
1953	9.0	75325.0	-4056.5	2043	10.4	75839.9	-4004.6	2133	10.4	80315.8	-4054.3
1954	9.8	75326.0	-4049.2	2044	10.2	75843.4	-4010.3	2134	10.4	80316.8	-4055.3
1955	10.2	75327.0	-4043.1	2045	10.2	75846.9	-4015.1	2135	10.0	80317.8	-4005.8
1956	9.8	75329.0	-4004.4	2046	10.4	75847.4	-4012.1	2136	10.4	80320.8	-4016.5
1957	9.8	75334.0	-4044.7	2047	7.8	75849.6	-4046.6	2137	10.4	80323.9	-4058.8
1958	7.9	75335.5	-4026.7	2048	10.4	75852.6	-4004.2	2138	9.8	80328.3	-4029.9
1959	10.4	75336.5	-4043.8	2049	8.6	75855.6	-4041.5	2139	9.4	80329.3	-4005.4
1960	9.4	75341.0	-4042.1	2050	10.4	75900.6	-4003.5	2140	9.9	80329.3	-4056.2
1961	10.2	75347.5	-4028.7	2051	10.4	75902.1	-4004.9	2141	10.2	80342.3	-4049.7
1962	9.9	75354.8	-4056.8	2052	10.0	75903.1	-4006.1	2142	10.4	80343.8	-4012.0
1963	9.4	75357.5	-4018.2	2053	10.4	75907.6	-4003.1	2143	10.0	80345.3	-4009.2
1964	10.4	75403.5	-4025.1	2054	10.4	75907.6	-4055.7	2144	10.0	80346.8	-4046.3
1965	10.4	75405.5	-4013.5	2055	10.1	75907.6	-4052.3	2145	10.4	80348.8	-4006.2
1966	9.8	75410.5	-4048.9	2056	10.4	75908.1	-4026.7	2146	9.8	80350.3	-4048.1
1967	10.4	75412.0	-4012.1	2057	10.4	75910.6	-4026.9	2147	9.8	80354.8	-4023.3
1968	9.8	75412.5	-4018.0	2058	10.4	75912.5	-4001.1	2148	9.9	80355.3	-4038.0
2149	10.2	80355.3	-4022.1								
2150	10.4	80401.3	-4008.8								
2151	8.6	80406.3	-4055.9								
2152	10.2	80415.3	-4017.0								
2153	8.8	80416.3	-4052.5								
2154	10.2	80421.8	-4030.8								
2155	10.1	80436.8	-4033.0								
2156	9.0	80438.8	-4010.1								
2157	9.6	80444.3	-4014.8								
2158	10.0	80451.2	-4006.6								
2159	10.4	80452.2	-4033.0								
2160	10.2	80459.2	-4054.3								
2161	9.4	80509.7	-4023.8								
2162	10.4	80510.2	-4003.4								
2163	10.4	80520.7	-4022.4								
2164	9.2	80530.2	-4043.0								
2165	10.4	80530.4	-4051.5								
2166	9.8	80531.6	-4000.0								
2167	8.8	80531.7	-4054.6								
2168	10.2	80533.7	-4007.9								
2169	9.8	80534.2	-4024.0								
2170	9.8	80536.2	-4028.1								
2171	9.6	80539.2	-4053.8								
2172	8.5	80542.7	-4047.3								
2173	10.1	80547.7	-4050.4								
2174	9.0	80550.2	-4039.1								
2175	9.7	80551.2	-4031.2								
2176	10.4	80551.2	-4024.8								
2177	10.2	80554.2	-4047.5								
2178	10.4	80557.7	-4009.2								
2179	10.2	80559.2	-4018.5								
2180	9.6	80602.7	-4039.1								
2181	9.4	80604.2	-4018.7								
2182	10.4	80605.7	-4008.0								
2183	9.9	80606.2	-4038.1								
2184	9.9	80607.2	-4019.4								
2185	10.2	80607.7	-4010.4								
2186	9.4	80607.7	-4026.4								
2187	10.2	80617.7	-4052.2								
2188	10.4	80617.8	-4057.6								
2189	10.4	80624.2	-4029.0								
2190	10.4	80629.2	-4027.8								
2191	9.9	80636.7	-4017.6								
2192	10.4	80641.4	-4013.1								
2193	8.2	80644.2	-4023.1								
2194	10.1	80644.2	-4017.0								
2195	10.4	80645.2	-4011.8								
2196	10.4	80649.1	-4010.1								
2197	9.4	80651.6	-4030.2								
2198	10.4	80656.6	-4009.6								
2199	9.8	80701.1	-4018.4								
2200	9.2	80708.1	-4015.0								
2201	10.4	80709.1	-4043.8								
2202	9.0	80713.1	-4016.8								
2203	9.7	80721.1	-4034.1								
2204	9.8	80721.6	-4030.4								
2205	9.0	80735.1	-4006.6								
2206	10.4	80739.3	-4025.9								
2207	10.1	80744.1	-4051.4								
2208	9.6	80745.1	-4015.2								
2209	10.1	80745.1	-4052.3								
2210	10.2	80748.1	-4019.6								
2211	10.4	80749.1	-4059.9								
2212	10.4	80750.3	-4042.7								
2213	10.2	80751.1	-4024.2								
2214	9.4	80752.6	-4006.2								
2215	8.4	80752.6	-4008.0								
2216	8.8	80755.6	-4003.6								
2217	9.4	80757.9	-4002.3								
2218	10.4	80802.1	-4026.2								
2219	9.9	80802.6	-4013.4								
2220	10.2	80803.6	-4038.0								
2221	9.4	80804.1	-4054.9								
2222	10.4	80806.6	-4010.7								
2223	10.2	80806.6	-4013.4								
2224	9.4	80807.3	-4000.2								
2225	10.4	80810.6	-4018.4								
2226	10.4	80811.1	-4059.3								
2227	9.4	80811.6	-4018.2								
2228	9.7	80814.1	-4054.9								
2229	8.8	80815.6	-4006.8								
2230	8.8	80817.6	-4018.6								
2231	8.6	80818.6	-4004.7								
2232	10.2	80818.8	-4002.1								
2233	9.9	80819.1	-4017.9								
2234	10.4	80820.1	-4028.2								
2235	10.0	80820.9	-4057.2								
2236	9.6	80822.4	-4052.1								
2237	9.9	80822.4	-4005.9								
2238	10.4	80826.1	-4029.2								

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2239	9.2	80829.9	-4009.4	2329	9.4	81320.7	-4047.5	2419	9.0	81828.9	-4022.9
2240	10.2	80829.9	-4052.6	2330	9.9	81340.5	-4034.4	2420	10.2	81829.0	-4001.1
2241	9.2	80830.2	-4000.0	2331	9.8	81340.5	-4036.3	2421	10.3	81829.4	-4037.0
2242	10.4	80836.4	-4017.4	2332	10.4	81343.2	-4007.9	2422	10.0	81836.4	-4053.0
2243	9.6	80839.9	-4008.6	2333	9.0	81349.7	-4052.3	2423	9.2	81837.9	-4005.9
2244	10.4	80845.9	-4041.4	2334	9.2	81350.5	-4032.2	2424	10.3	81840.4	-4024.5
2245	10.4	80848.4	-4016.5	2335	10.4	81356.0	-4004.8	2425	10.2	81846.9	-4028.6
2246	10.4	80849.9	-4039.1	2336	8.6	81356.9	-4020.1	2426	9.7	81851.9	-4043.7
2247	9.4	80850.9	-4056.1	2337	10.2	81356.9	-4020.4	2427	10.0	81854.9	-4020.5
2248	10.4	80855.9	-4035.8	2338	9.8	81402.4	-4027.2	2428	9.2	81904.9	-4037.9
2249	9.4	80856.4	-4004.2	2339	9.2	81404.4	-4048.2	2429	9.0	81904.9	-4058.8
2250	10.4	80858.4	-4045.6	2340	8.0	81410.7	-4000.5	2430	10.3	81906.3	-4012.0
2251	8.6	80858.9	-4053.0	2341	10.0	81411.9	-4013.6	2431	9.2	81910.4	-4043.1
2252	9.8	80905.2	-4058.3	2342	10.3	81419.9	-4038.6	2432	10.2	81911.9	-4000.7
2253	10.4	80910.4	-4024.2	2343	10.3	81421.4	-4058.8	2433	10.3	81915.9	-4053.3
2254	9.8	80918.4	-4020.9	2344	8.8	81421.4	-4054.6	2434	10.0	81918.4	-4013.0
2255	8.6	80919.9	-4019.2	2345	10.0	81422.4	-4039.8	2435	10.2	81925.4	-4034.9
2256	9.9	80921.4	-4048.3	2346	8.7	81423.9	-4039.2	2436	10.2	81928.4	-4018.9
2257	9.2	80921.9	-4011.4	2347	10.3	81425.4	-4046.2	2437	9.7	81945.9	-4010.0
2258	9.8	80922.4	-4026.0	2348	8.9	81426.4	-4010.4	2438	10.2	81946.9	-4040.4
2259	9.7	80925.4	-4037.2	2349	10.3	81428.4	-4032.8	2439	10.3	81949.9	-4007.2
2260	9.7	80927.4	-4034.2	2350	10.2	81430.4	-4005.8	2440	10.2	81952.9	-4015.9
2261	8.6	80932.9	-4054.8	2351	8.9	81438.4	-4027.4	2441	10.3	81955.3	-4049.0
2262	9.8	80943.4	-4022.7	2352	9.2	81445.9	-4003.8	2442	9.7	81955.9	-4000.4
2263	9.6	80944.4	-4022.4	2353	9.8	81449.4	-4047.8	2443	9.9	81957.4	-4050.0
2264	9.9	80948.4	-4010.4	2354	10.0	81451.9	-4037.5	2444	9.8	81958.9	-4041.2
2265	9.8	80951.4	-4054.2	2355	10.0	81500.4	-4046.3	2445	9.8	81959.9	-4014.5
2266	10.4	80952.9	-4006.8	2356	10.0	81502.4	-4006.9	2446	9.2	82000.4	-4020.0
2267	9.8	80953.4	-4013.8	2357	8.1	81504.4	-4003.4	2447	10.3	82000.4	-4020.7
2268	9.0	80954.9	-4045.0	2358	9.2	81527.9	-4056.4	2448	10.2	82001.4	-4056.2
2269	10.4	80954.9	-4016.6	2359	10.3	81541.7	-4002.7	2449	10.3	82003.4	-4024.7
2270	10.0	80959.9	-4050.2	2360	10.0	81543.4	-4016.9	2450	9.9	82003.4	-4034.9
2271	10.0	81000.4	-4053.4	2361	10.2	81544.7	-4002.1	2451	9.4	82004.9	-4015.9
2272	7.8	81001.9	-4007.6	2362	9.7	81554.4	-4012.7	2452	7.6	82008.4	-4020.5
2273	9.6	81002.4	-4013.9	2363	9.2	81559.4	-4014.0	2453	9.8	82010.4	-4033.5
2274	10.4	81003.9	-4006.2	2364	10.3	81602.4	-4029.8	2454	10.2	82012.4	-4013.3
2275	9.0	81003.9	-4010.3	2365	10.3	81612.9	-4053.0	2455	10.3	82015.4	-4048.2
2276	6.8	81006.4	-4026.7	2366	10.0	81615.4	-4016.5	2456	10.2	82015.4	-4015.6
2277	9.2	81007.6	-4015.2	2367	10.0	81620.4	-4051.9	2457	10.2	82017.4	-4058.2
2278	9.0	81009.6	-4034.8	2368	9.8	81621.4	-4022.1	2458	10.3	82024.9	-4049.0
2279	10.2	81011.1	-4001.2	2369	10.2	81624.9	-4009.5	2459	10.3	82025.1	-4022.1
2280	10.1	81012.1	-4021.4	2370	7.9	81625.4	-4040.5	2460	10.2	82032.6	-4028.3
2281	10.0	81013.7	-4014.7	2371	10.2	81630.2	-4027.9	2461	10.0	82034.1	-4043.3
2282	9.9	81014.6	-4008.4	2372	9.6	81631.4	-4011.7	2462	9.4	82039.6	-4028.1
2283	10.4	81015.1	-4041.1	2373	9.4	81635.9	-4000.3	2463	10.0	82040.1	-4027.9
2284	10.2	81016.1	-4046.6	2374	9.8	81639.4	-4006.3	2464	10.3	82041.1	-4030.2
2285	10.2	81023.6	-4034.2	2375	9.8	81645.4	-4049.1	2465	9.7	82048.6	-4055.6
2286	10.4	81030.6	-4044.2	2376	9.2	81649.4	-4030.6	2466	9.2	82050.1	-4050.7
2287	8.3	81031.6	-4037.3	2377	10.0	81650.4	-4004.1	2467	9.9	82050.1	-4035.2
2288	9.8	81041.3	-4058.4	2378	9.2	81651.9	-4013.5	2468	9.8	82051.6	-4016.8
2289	8.6	81045.1	-4003.1	2379	9.0	81701.4	-4006.6	2469	9.9	82059.1	-4005.9
2290	10.0	81049.1	-4048.8	2380	9.8	81704.9	-4044.5	2470	10.3	82100.1	-4045.9
2291	9.9	81052.1	-4055.0	2381	8.5	81704.9	-4044.1	2471	10.0	82100.6	-4043.9
2292	9.7	81058.1	-4027.8	2382	10.3	81709.4	-4014.0	2472	10.3	82102.1	-4056.9
2293	9.8	81059.6	-4049.1	2383	7.9	81710.4	-4003.4	2473	8.4	82105.1	-4033.7
2294	10.4	81100.6	-4010.3	2384	10.3	81712.4	-4059.4	2474	10.0	82112.6	-4041.0
2295	10.4	81106.6	-4047.0	2385	9.8	81714.4	-4017.7	2475	10.2	82116.6	-4035.1
2296	10.2	81110.1	-4045.4	2386	8.4	81715.9	-4047.8	2476	9.9	82118.6	-4029.8
2297	9.4	81122.1	-4041.1	2387	9.8	81716.4	-4049.7	2477	9.0	82121.1	-4010.4
2298	9.4	81127.6	-4007.4	2388	9.7	81717.9	-4049.1	2478	9.0	82122.1	-4013.1
2299	10.2	81130.6	-4055.2	2389	9.9	81722.9	-4003.9	2479	9.6	82126.1	-4013.8
2300	9.6	81133.6	-4011.1	2390	10.2	81728.9	-4020.9	2480	10.0	82134.6	-4009.9
2301	9.9	81135.1	-4052.2	2391	8.6	81732.4	-4009.8	2481	10.0	82134.6	-4008.5
2302	9.8	81148.6	-4034.1	2392	10.2	81734.9	-4052.4	2482	8.4	82140.1	-4022.6
2303	10.4	81159.1	-4025.2	2393	9.7	81735.4	-4004.9	2483	9.4	82144.1	-4047.2
2304	9.8	81208.6	-4058.6	2394	9.6	81741.4	-4053.7	2484	9.8	82144.1	-4029.8
2305	10.4	81211.7	-4034.5	2395	7.7	81742.4	-4035.5	2485	9.4	82144.6	-4039.0
2306	10.4	81214.6	-4027.8	2396	9.8	81744.9	-4022.8	2486	8.5	82151.1	-4049.5
2307	9.4	81214.6	-4020.4	2397	9.8	81745.9	-4031.7	2487	9.6	82151.6	-4050.6
2308	10.4	81216.6	-4056.6	2398	9.2	81748.4	-4033.1	2488	10.3	82153.9	-4012.3
2309	9.2	81218.1	-4041.3	2399	9.6	81749.9	-4056.8	2489	8.0	82158.6	-4046.7
2310	9.6	81218.6	-4019.2	2400	9.6	81749.9	-4052.9	2490	9.2	82159.6	-4018.4
2311	10.2	81218.6	-4045.3	2401	9.6	81750.4	-4032.7	2491	10.2	82200.1	-4024.4
2312	10.4	81220.1	-4055.0	2402	9.2	81750.7	-4002.4	2492	10.2	82204.6	-4046.3
2313	10.4	81229.5	-4010.0	2403	9.6	81759.9	-4000.9	2493	9.8	82204.6	-4020.5
2314	10.2	81232.5	-4059.6	2404	9.4	81800.4	-4050.7	2494	10.3	82209.1	-4008.6
2315	9.8	81238.5	-4013.4	2405	9.8	81800.9	-4037.7	2495	10.2	82219.6	-4020.8
2316	9.6	81240.7	-4035.1	2406	10.0	81801.4	-4046.5	2496	10.0	82224.6	-4033.0
2317	10.2	81244.5	-4009.7	2407	9.9	81801.4	-4058.3	2497	9.7	82227.6	-4031.4
2318	9.8	81244.7	-4028.2	2408	9.9	81801.9	-4057.9	2498	9.7	82228.6	-4048.4
2319	10.4	81245.7	-4014.6	2409	10.2	81802.2	-4000.1	2499	9.8	82229.6	-4049.6
2320	9.9	81249.2	-4034.4	2410	9.8	81802.4	-4040.5	2500	9.8	82230.1	-4017.5
2321	9.8	81250.2	-4020.2	2411	9.8	81804.9	-4000.5	2501	10.3	82236.6	-4017.5
2322	10.4	81257.5	-4031.4	2412	10.3	81814.2	-4056.0	2502	9.4	82239.6	-4034.3
2323	10.4	81257.9	-4020.9	2413	10.0	81814.4	-4031.9	2503	8.8	82241.1	-4039.6
2324	9.2	81305.2	-4030.3	2414	10.0	81820.4	-4056.4	2504	10.3	82244.1	-4000.7
2325	8.5	81305.5	-4037.2	2415	9.9	81821.9	-4056.5	2505	9.9	82244.1	-4047.9
2326	10.4	81309.5	-4025.8	2416	10.2	81822.4	-4042.4	2506	9.8	82245.1	-4018.3
2327	10.0	81315.7	-4021.2	2417	10.2	81823.4	-4015.5	2507	10.3	82246.1	-4023.3
2328	10.2	81319.5	-4044.8	2418	10.3	81828.3	-4048.9	2508	9.9	82247.6	-4045.2

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2509	9.2	82255.6	-4008.9	2599	10.0	82542.1	-4040.0	2689	10.3	82600.6	-4048.3
2510	9.6	82301.1	-4040.2	2560	9.8	82542.1	-4025.1	2570	7.8	82602.1	-4005.6
2511	9.8	82301.1	-4017.0	2561	9.2	82545.6	-4043.1	2571	10.3	82602.6	-4054.0
2512	9.8	82306.6	-4026.8	2562	9.7	82548.1	-4040.9	2572	9.8	82606.6	-4032.9
2513	10.3	82311.1	-4042.1	2563	9.8	82550.0	-4053.0	2573	8.8	82607.1	-4004.8
2514	10.2	82314.1	-4041.9	2564	10.3	82551.1	-4041.5	2574	10.3	82611.1	-4003.9
2515	9.7	82315.1	-4035.8	2565	9.4	82552.1	-4007.3	2575	10.2	82613.1	-4025.6
2516	9.8	82318.1	-4029.6	2566	10.3	82554.1	-4045.9	2576	10.0	82616.1	-4059.8
2517	10.3	82322.6	-4051.0	2567	10.2	82554.6	-4009.6	2577	10.3	82616.1	-4052.1
2518	9.2	82326.6	-4026.6	2568	10.3	82555.1	-4011.4	2578	9.9	82620.1	-4055.0
2519	8.3	82334.1	-4050.0	2569	10.3	82600.6	-4048.3	2579	10.3	82624.1	-4004.0
2520	9.6	82334.1	-4032.1	2570	7.8	82602.1	-4005.6	2580	10.3	82630.1	-4026.5
2521	9.2	82337.1	-4049.7	2571	10.3	82602.6	-4054.0	2581	9.8	82641.1	-4047.5
2522	10.3	82341.1	-4005.9	2572	9.8	82606.6	-4032.9	2582	8.8	82650.1	-4032.6
2523	10.0	82344.6	-4028.9	2573	8.8	82607.1	-4004.8	2583	9.0	82650.1	-4044.5
2524	9.8	82354.1	-4020.1	2574	10.3	82611.1	-4003.9	2584	10.2	82650.1	-4011.2
2525	9.6	82354.6	-4041.8	2575	10.2	82613.1	-4025.6	2585	9.2	82651.4	-4002.2
2526	9.2	82359.1	-4004.5	2576	10.0	82616.1	-4059.8	2586	10.0	82653.1	-4058.5
2527	9.8	82408.1	-4027.2	2577	10.3	82616.1	-4052.1	2587	10.3	82659.4	-4000.1
2528	8.0	82409.6	-4045.6	2578	9.9	82620.1	-4055.0	2588	10.0	82700.1	-4058.4
2529	9.6	82410.1	-4052.0	2579	10.3	82624.1	-4004.0	2589	10.0	82701.1	-4010.1
2530	9.6	82412.1	-4046.0	2580	10.3	82630.1	-4026.5	2590	9.2	82712.1	-4045.7
2531	10.2	82412.2	-4041.9	2581	9.8	82641.1	-4047.5	2591	9.8	82714.1	-4033.0
2532	10.3	82416.1	-4034.3	2582	8.8	82650.1	-4032.6	2592	10.3	82718.1	-4021.9
2533	10.3	82421.1	-4001.2	2583	9.0	82650.1	-4044.5	2593	10.0	82730.1	-4032.6
2534	10.2	82424.6	-4058.9	2584	10.2	82650.1	-4011.2	2594	10.3	82731.1	-4047.8
2535	10.2	82429.1	-4027.2	2585	9.2	82651.4	-4002.2	2595	9.8	82731.1	-4052.7
2536	9.2	82430.1	-4004.2	2586	10.0	82653.1	-4058.5	2596	9.4	82741.6	-4036.9
2537	10.3	82439.1	-4028.6	2587	10.3	82659.4	-4000.1	2597	9.0	82745.1	-4042.1
2538	9.8	82446.1	-4056.8	2588	10.0	82700.1	-4058.4	2598	10.2	82745.1	-4011.8
2539	9.2	82449.6	-4023.0	2589	10.0	82701.1	-4010.1				
2540	8.8	82450.1	-4043.2	2590	9.2	82712.1	-4045.7				
2541	10.3	82451.6	-4048.2	2591	9.8	82714.1	-4033.0				
2542	10.2	82507.1	-4049.6	2592	10.3	82718.1	-4021.9				
2543	10.2	82507.1	-4033.0	2593	10.0	82730.1	-4032.6				
2544	10.2	82509.6	-4017.1	2594	10.3	82731.1	-4047.8				
2545	10.2	82510.1	-4013.2	2595	9.8	82731.1	-4052.7				
2546	10.2	82511.1	-4033.0	2596	9.4	82741.6	-4036.9				
2547	9.9	82513.1	-4051.7	2597	9.0	82745.1	-4042.1				
2548	10.3	82516.1	-4045.8	2598	10.2	82745.1	-4011.8				
2549	10.0	82518.1	-4032.4								
2550	10.3	82519.6	-4050.3								
2551	10.2	82520.1	-4030.2								
2552	10.0	82523.1	-4052.0								
2553	10.0	82523.1	-4042.3								
2554	10.3	82523.6	-4037.0								
2555	10.3	82531.1	-4040.7								
2556	10.0	82535.1	-4043.9								
2557	10.2	82539.1	-4019.8								
2558	10.3	82541.1	-4015.2								

-40 2599 8h27m

-40 2958 8h49m

2599	9.7	82756.1	-4059.7	2689	9.8	83224.6	-4013.0	2779	10.2	83740.5	-4006.7	2869	7.7	84241.8	-4044.2
2600	10.0	82800.6	-4050.4	2690	10.3	83230.5	-4004.8	2780	10.2	83743.5	-4027.5	2870	9.8	84250.8	-4047.8
2601	10.2	82806.6	-4038.1	2691	8.5	83231.0	-4020.3	2781	10.3	83745.0	-4044.5	2871	8.4	84251.8	-4022.4
2602	10.0	82809.1	-4036.0	2692	9.2	83234.0	-4058.4	2782	9.6	83747.0	-4008.5	2872	10.4	84257.3	-4052.8
2603	9.9	82810.1	-4052.8	2693	8.0	83245.5	-4015.3	2783	9.8	83747.0	-4010.6	2873	9.2	84310.8	-4053.7
2604	9.2	82811.6	-4014.4	2694	9.0	83246.0	-4053.3	2784	8.9	83747.5	-4022.7	2874	10.4	84320.8	-4003.8
2605	10.2	82821.1	-4051.9	2695	9.9	83302.5	-4018.2	2785	8.9	83748.5	-4007.0	2875	9.7	84331.8	-4012.6
2606	10.0	82824.6	-4018.8	2696	10.3	83305.0	-4036.9	2786	10.2	83749.5	-4029.3	2876	9.7	84333.8	-4041.8
2607	10.3	82830.4	-4000.9	2697	8.4	83305.0	-4000.1	2787	9.6	83750.0	-4004.7	2877	10.0	84339.8	-4014.2
2608	10.2	82834.8	-4029.8	2698	9.8	83306.0	-4007.5	2788	9.0	83753.5	-4036.7	2878	9.6	84340.3	-4013.6
2609	10.3	82836.1	-4046.2	2699	9.8	83309.5	-4057.8	2789	9.8	83805.0	-4007.6	2879	10.2	84340.3	-4056.1
2610	9.9	82843.6	-4015.9	2700	9.2	83310.0	-4037.7	2790	9.0	83822.0	-4042.5	2880	10.2	84357.5	-4002.0
2611	10.3	82849.6	-4049.7	2701	8.5	83310.0	-4024.2	2791	9.4	83826.0	-4054.6	2881	10.4	84401.8	-4026.8
2612	10.0	82852.1	-4020.6	2702	10.3	83311.0	-4016.3	2792	10.3	83830.5	-4051.9	2882	9.6	84406.8	-4052.0
2613	10.3	82852.8	-4035.0	2703	10.2	83314.0	-4033.1	2793	10.3	83835.5	-4044.7	2883	9.8	84409.8	-4019.2
2614	10.2	82855.1	-4009.7	2704	8.8	83325.5	-4007.5	2794	10.2	83840.0	-4021.7	2884	10.4	84412.0	-4019.9
2615	10.2	82902.1	-4004.7	2705	10.2	83326.0	-4009.5	2795	9.8	83848.8	-4008.9	2885	10.4	84414.5	-4052.2
2616	9.8	82909.1	-4045.9	2706	9.4	83333.0	-4054.7	2796	10.2	83850.8	-4015.5	2886	9.3	84421.0	-4022.0
2617	9.7	82915.1	-4016.0	2707	9.7	83334.5	-4046.5	2797	9.8	83858.5	-4058.9	2887	10.2	84434.5	-4001.5
2618	10.0	82915.6	-4053.8	2708	9.4	83335.0	-4028.9	2798	10.3	83908.8	-4045.4	2888	10.1	84438.0	-4040.9
2619	10.3	82915.8	-4045.0	2709	9.8	83344.5	-4039.9	2799	10.2	83910.3	-4033.9	2889	9.6	84446.0	-4029.0
2620	9.4	82919.6	-4021.9	2710	10.3	83345.0	-4009.4	2800	9.2	83910.3	-4005.2	2890	9.2	84448.0	-4028.3
2621	9.8	82923.1	-4053.6	2711	10.2	83354.0	-4032.5	2801	10.3	83915.0	-4057.2	2891	9.8	84450.0	-4051.8
2622	9.6	82929.1	-4020.1	2712	9.6	83400.0	-4057.8	2802	8.6	83918.3	-4001.0	2892	9.8	84450.0	-4050.6
2623	9.8	82930.1	-4042.7	2713	10.3	83400.0	-4058.1	2803	9.4	83918.4	-4044.9	2893	9.0	84451.0	-4010.6
2624	9.8	82930.6	-4012.6	2714	10.3	83403.5	-4009.5	2804	9.9	83919.3	-4058.2	2894	10.1	84454.0	-4013.4
2625	9.9	82935.1	-4026.1	2715	9.2	83405.0	-4018.7	2805	10.2	83919.3	-4025.1	2895	10.1	84455.0	-4012.8
2626	10.0	82936.1	-4042.9	2716	10.0	83405.0	-4036.7	2806	10.2	83919.3	-4028.0	2896	10.1	84500.0	-4035.5
2627	9.7	82940.1	-4027.5	2717	9.2	83409.5	-4034.7	2807	8.7	83921.8	-4047.8	2897	10.4	84501.0	-4047.5
2628	9.8	82945.6	-4033.1	2718	9.8	83415.0	-4007.7	2808	9.7	83929.8	-4044.4	2898	9.8	84506.0	-4013.3
2629	9.4	82945.6	-4047.0	2719	9.2	83415.0	-4034.5	2809	9.7	83930.9	-4019.7	2899	10.4	84508.5	-4054.7
2630	10.0	82946.1	-4045.1	2720	9.6	83420.0	-4023.0	2810	9.7	83930.9	-4020.7	2900	9.2	84521.0	-4021.8
2631	9.2	82949.1	-4053.3	2721	9.4	83420.5	-4028.0	2811	9.2	83932.9	-4007.6	2901	9.4	84528.0	-4025.5
2632	9.4	82949.6	-4016.7	2722	10.3	83421.1	-4057.1	2812	10.0	83934.8	-4047.4	2902	9.8	84530.0	-4023.7
2633	10.3	82954.1	-4054.7	2723	9.7	83425.0	-4059.2	2813	9.2	83940.9	-4034.5	2903	9.3	84530.0	-4029.1
2634	10.2	82954.6	-4035.9	2724	10.0	83430.0	-4009.9	2814	10.3	83945.9	-4034.2	2904	10.4	84534.0	-4042.2
2635	9.8	82959.6	-4021.9	2725	10.0	83436.5	-4010.0	2815	10.0	83949.3	-4056.0	2905	8.9	84535.0	-4008.3
2636	10.3	83001.1	-4045.8	2726	10.2	83440.0	-4038.5	2816	9.6	83951.4	-4014.7	2906	9.0	84540.0	-4035.0
2637	10.0	83003.6	-4022.9	2727	9.4	83440.0	-4026.0	2817	10.3	83951.8	-4038.0	2907	9.6	84540.5	-4008.2
2638	10.3	83007.6	-4034.8	2728	9.8	83441.5	-4050.1	2818	9.9	83952.9	-4047.8	2908	10.0	84541.0	-4045.6
2639	10.2	83007.9	-4050.4	2729	9.9	83444.0	-4045.7	2819	9.8	83953.8	-4044.1	2909	9.0	84546.0	-4004.9
2640	9.2	83008.1	-4049.5	2730	9.8	83448.5	-4044.8	2820	10.3	83956.8	-4050.9	2910	10.4	84547.5	-4012.7
2641	10.3	83009.6	-4034.7	2731	10.3	83450.0	-4036.7	2821	9.8	83959.8	-4046.1	2911	9.8	84600.0	-4043.9
2642	8.2	83010.6	-4048.3	2732	9.6	83457.4	-4001.9	2822	10.3	84003.8	-4034.0	2912	10.0	84601.6	-4059.8
2643	9.7	83010.6	-4025.7	2733	10.0	83502.5	-4047.5	2823	9.4	84004.8	-4049.9	2913	10.1	84602.0	-4030.0
2644	10.3	83012.6	-4044.8	2734	9.6	83507.5	-4031.7	2824	7.9	84007.3	-4049.5	2914	10.1	84609.0	-4015.7
2645	10.2	83012.6	-4049.6	2735	8.8	83510.0	-4050.9	2825	9.6	84010.8	-4018.2	2915	10.4	84616.0	-4016.8
2646	10.0	83013.1	-4056.5	2736	9.4	83512.0	-4018.3	2826	10.2	84011.9	-4029.6	2916	8.9	84620.0	-4034.3
2647	10.3	83017.1	-4053.8	2737	9.9	83514.5	-4041.5	2827	10.0	84013.8	-4003.6	2917	10.4	84620.5	-4053.9
2648	9.9	83018.1	-4012.2	2738	10.3	83520.5	-4012.9	2828	10.2	84014.0	-4059.9	2918	10.4	84625.1	-4034.1
2649	10.3	83020.9	-4031.1	2739	10.0	83521.5	-4048.1	2829	10.2	84014.5	-4058.5	2919	9.2	84626.0	-4034.3
2650	9.8	83022.6	-4021.4	2740	8.2	83529.5	-4040.1	2830	8.7	84019.3	-4057.3	2920	9.2	84626.0	-4018.3
2651	10.3	83025.1	-4021.2	2741	10.0	83531.5	-4011.3	2831	10.4	84025.6	-4006.5	2921	9.3	84637.0	-4045.9
2652	10.3	83025.6	-4058.0	2742	9.7	83532.5	-4031.9	2832	9.7	84026.1	-4019.6	2922	10.2	84645.0	-4026.7
2653	9.8	83026.1	-4011.1	2743	10.0	83533.0	-4043.1	2833	9.7	84028.4	-4043.9	2923	10.4	84649.0	-4008.5
2654	9.7	83034.1	-4046.9	2744	10.2	83537.0	-4050.5	2834	9.2	84029.5	-4045.8	2924	10.4	84655.0	-4058.4
2655	10.2	83034.1	-4023.5	2745	9.4	83539.5	-4000.0	2835	9.6	84030.5	-4050.0	2925	10.4	84706.3	-4002.8
2656	8.8	83035.6	-4005.5	2746	9.7	83540.0	-4015.7	2836	8.3	84037.6	-4058.5	2926	10.1	84711.5	-4041.5
2657	10.2	83041.1	-4041.9	2747	9.7	83541.0	-4032.5	2837	10.4	84038.5	-4008.0	2927	10.0	84715.0	-4027.9
2658	10.3	83044.6	-4041.5	2748	9.8	83544.0	-4049.1	2838	10.0	84038.5	-4044.5	2928	10.0	84716.0	-4009.9
2659	10.3	83046.6	-4037.9	2749	8.0	83600.0	-4037.5	2839	10.4	84039.5	-4042.4	2929	6.9	84718.5	-4030.9
2660	10.2	83049.1	-4022.8	2750	9.6	83611.0	-4042.0	2840	10.0	84040.5	-4024.9	2930	9.8	84720.0	-4017.1
2661	9.0	83050.1	-4046.5	2751	10.0	83614.0	-4051.4	2841	10.2	84044.5	-4007.2	2931	8.8	84724.0	-4035.7
2662	10.2	83050.1	-4045.9	2752	10.3	83619.1	-4001.4	2842	10.4	84044.5	-4005.8	2932	10.4	84725.0	-4049.1
2663	10.3	83050.1	-4010.7	2753	9.0	83620.0	-4014.2	2843	10.4	84055.0	-4019.9	2933	10.1	84730.0	-4045.7
2664	10.0	83059.6	-4025.0	2754	10.0	83627.0	-4008.3	2844	10.2	84059.5	-4022.4	2934	10.4	84744.0	-4034.5
2665	9.9	83100.1	-4055.6	2755	9.2	83628.0	-4026.2	2845	10.2	84059.5	-4020.8	2935	9.8	84748.5	-4017.9
2666	9.4	83100.1	-4014.3	2756	9.8	83630.0	-4041.1	2846	10.4	84100.5	-4023.4	2936	9.4	84753.5	-4054.8
2667	10.0	83100.1	-4050.6	2757	8.9	83630.8	-4059.9	2847	10.4	84101.5	-4020.4	2937	10.0	84755.7	-4000.2
2668	10.2	83100.6	-4018.7	2758	9.2	83631.5	-4024.9	2848	7.8	84110.8	-4009.6	2938	8.6	84804.0	-4030.7
2669	10.3	83102.1	-4035.1	2759	10.0	83632.0	-4012.3	2849	10.0	84115.8	-4042.9	2939	10.4	84809.0	-4014.8
2670	10.2	83104.6	-4041.8	2760	10.3	83633.5	-4044.3	2850	10.4	84117.3	-4015.2	2940	8.9	84810.7	-4057.6
2671	9.9	83105.6	-4011.0	2761	10.0	83635.0	-4047.0	2851	9.7	84119.8	-4019.8	2941	9.8	84811.0	-4057.9
2672	10.3	83109.1	-4007.7	2762	9.8	83643.5	-4023.2	2852	9.8	84122.3	-4040.8	2942	9.8	84812.0	-4031.6
2673	8.2	83112.1	-4026.0	2763	9.7	83652.5	-4008.0	2853	10.4	84127.8	-4054.5	2943	10.0	84820.0	-4017.7
2674	10.3	83119.1	-4036.1	2764	10.3	83655.5	-4025.4	2854	9.0	84130.8	-4018.1	2944	9.8	84822.0	-4046.4
2675	9.2	83125.6	-4054.3	2765	10.0	83656.5	-4050.3	2855	10.2	84133.3	-4037.8	2945	9.6	84831.0	-4051.8
2676	10.3	83128.1	-4051.5	2766	8.9	83701.0	-4047.5	2856	10.4	84148.8	-4007.2	2946	10.4	84842.5	-4042.0
2677	10.3	83131.1	-4053.1	2767	9.9	83705.0	-4040.0	2857	6.8	84149.8	-4040.1	2947	10.0	84843.0	-4043.7
2678	9.4	83140.6	-4015.4	2768	10.0	83709.5	-4011.9	2858	10.2	84149.8	-4035.4	2948	10.0	84843.5	-4049.5
2679	9.4	83147.1	-4050.9	2769	9.2	83716.0	-4015.1	2859	9.1	84152.8	-4021.9	2949	10.4	84850.0	-4036.9
2680	9.2	83152.1	-4033.7	2770	9.9	83716.0	-4000.0	2860	9.6	84152.8	-4055.6	2950	9.3	84853.5	-4015.8
2681	9.8	83158.6	-4027.9	2771	9.7	83724.0	-4007.0	2861	9.8	84156.3	-4058.0	2951	9.7	84858.0	-4009.2
2682	9.4	83201.6	-4047.9	2772	9.7	83724.0	-4020.0	2862	9.8	84158.8	-4004.8	2952	9.7	84858.5	-4004.3
2683	9.4	83202.6	-4046.9	2773	9.7	83726.0	-4011.9	2863	10.0	84207.8	-4039.4	2953	8.9	84900.0	-4032.8
2684	10.3	83203.1	-4022.5	2774	9.2	83726.0	-4027.5	2864	9.4	84210.8	-4054.8	2954	9.7	84909.7	-4059.3
2685	9.4	83210.1	-4045.2	2775	10.3	83729.0	-4038.0	2865	9.6	84211.8	-4038.2	2955	9.8	84912.0	-4041.9
2686	9.4	83210.6	-4014.4	2776	8.0	83733.0	-4015.5	2866	10.1	84222.8	-4018.4	2956	10.4	84912.9	-4023.6
2687	10.0	83214.6	-4028.3	2777	10.2	83733.5	-4033.9	2867	10.0	84230.8	-4004.2	2957	9.8	84914.0	-4008.1
2688	9.4	83221.6	-4051.7	2778	9.6	83736.5	-4038.5	2868	8.6	84240.3	-4058.6	2958	9.8	84915.5	-4008.0

-40 2959 8h49m

-40 3318 9h10m

2959	10.4	84917.0	-4041.7	3049	9.0	85550.9	-4001.9	3139	10.1	90112.3	-4027.5	3229	9.7	90543.9	-4049.2
2960	10.1	84918.0	-4007.3	3050	9.3	85553.4	-4057.6	3140	10.0	90113.3	-4018.5	3230	10.4	90544.9	-4017.1
2961	10.0	84920.0	-4010.6	3051	10.4	85554.9	-4056.9	3141	9.8	90116.3	-4044.7	3231	9.7	90555.4	-4000.3
2962	8.9	84921.0	-4043.1	3052	10.4	85559.9	-4034.9	3142	10.0	90121.3	-4035.9	3232	9.2	90555.9	-4048.7
2963	10.0	84928.5	-4005.7	3053	9.2	85600.9	-4032.7	3143	9.8	90121.8	-4032.3	3233	9.7	90556.4	-4018.8
2964	10.2	84932.0	-4028.3	3054	10.0	85605.4	-4020.0	3144	10.2	90127.3	-4042.7	3234	9.8	90559.9	-4015.8
2965	10.4	84950.0	-4016.8	3055	9.8	85607.9	-4038.5	3145	10.2	90128.3	-4017.7	3235	10.4	90604.9	-4045.7
2966	9.1	84955.0	-4026.1	3056	9.8	85609.9	-4035.6	3146	9.8	90128.3	-4049.4	3236	9.7	90608.9	-4042.1
2967	10.4	84958.9	-4038.7	3057	10.0	85609.9	-4005.0	3147	9.7	90129.8	-4027.5	3237	9.8	90609 1	-4028.7
2968	10.0	85001.0	-4050.6	3058	9.8	85610.9	-4057.2	3148	10.4	90131.8	-4047.4	3238	10.0	90611.1	-4019.7
2969	9.8	85004.0	-4018.9	3059	9.8	85614.9	-4016.4	3149	10.2	90133.8	-4054.3	3239	10.2	90613.4	-4012.2
2970	10.0	85004.5	-4044.3	3060	10.4	85618.9	-4034.6	3150	10.2	90134.3	-4056.1	3240	10.1	90614.9	-4011.1
2971	10.2	85009.0	-4058.0	3061	9.8	85622.4	-4052.0	3151	9.3	90138.3	-4013.7	3241	9.2	90617.1	-4011.4
2972	10.0	85013.5	-4002.2	3062	9.8	85631.4	-4003.4	3152	9.4	90145.3	-4058.7	3242	10.0	90617.8	-4022.3
2973	10.4	85018.5	-4051.0	3063	9.8	85635.9	-4038.3	3153	10.0	90148.8	-4044.1	3243	8.4	90619.6	-4044.1
2974	10.4	85018.5	-4044.2	3064	9.6	85639.9	-4004.8	3154	10.0	90150.8	-4046.7	3244	10.2	90625.1	-4023.1
2975	10.4	85018.5	-4023.5	3065	9.6	85642.4	-4028.8	3155	10.4	90150.8	-4058.7	3245	10.5	90629.3	-4042.2
2976	10.1	85020.0	-4008.1	3066	10.4	85642.9	-4028.2	3156	8.4	90151.8	-4055.7	3246	10.5	90629.3	-4022.0
2977	9.2	85020.7	-4000.7	3067	10.0	85644.4	-4049.2	3157	9.0	90155.3	-4031.1	3247	10.4	90629.8	-4026.8
2978	9.8	85021.7	-4003.7	3068	10.2	85650.9	-4024.2	3158	9.6	90159.3	-4018.1	3248	10.4	90639.1	-4051.0
2979	9.6	85028.7	-4038.9	3069	9.7	85700.6	-4059.4	3159	9.8	90201.3	-4016.5	3249	10.4	90648.1	-4045.2
2980	10.4	85033.7	-4012.9	3070	9.8	85718.4	-4039.6	3160	10.4	90209.8	-4002.9	3250	9.7	90649.1	-4056.0
2981	9.7	85034.7	-4044.4	3071	10.4	85719.9	-4044.5	3161	9.8	90211.8	-4044.0	3251	10.4	90649.1	-4043.0
2982	9.3	85034.7	-4048.1	3072	7.8	85723.9	-4003.8	3162	10.4	90216.8	-4031.1	3252	10.4	90650.1	-4046.8
2983	9.2	85035.7	-4047.4	3073	9.8	85728.9	-4035.0	3163	10.4	90217.3	-4052.7	3253	9.3	90659.8	-4035.2
2984	9.3	85036.7	-4029.9	3074	10.0	85739.9	-4036.4	3164	9.2	90218.6	-4000.1	3254	8.8	90706.3	-4030.0
2985	8.4	85047.7	-4036.1	3075	10.0	85740.9	-4003.6	3165	10.4	90219.3	-4015.7	3255	10.5	90713.3	-4032.4
2986	10.4	85049.7	-4001.6	3076	9.8	85743.9	-4005.2	3166	10.4	90219.8	-4034.2	3256	9.4	90719.3	-4057.4
2987	9.7	85050.7	-4057.9	3077	10.2	85744.9	-4025.8	3167	9.8	90234.8	-4049.3	3257	10.4	90728.8	-4028.8
2988	10.4	85108.7	-4007.5	3078	9.2	85745.9	-4016.1	3168	10.4	90239.3	-4012.1	3258	10.5	90729.3	-4022.0
2989	10.4	85119.7	-4035.9	3079	10.4	85745.9	-4017.8	3169	9.2	90239.8	-4034.8	3259	9.6	90729.3	-4048.6
2990	9.6	85122.7	-4057.5	3080	9.3	85749.9	-4020.1	3170	10.4	90243.8	-4038.9	3260	10.2	90732.8	-4011.4
2991	10.4	85124.2	-4021.9	3081	10.4	85753.4	-4032.7	3171	10.4	90244.8	-4028.3	3261	10.4	90737.3	-4033.6
2992	9.7	85124.7	-4042.8	3082	10.0	85800.0	-4058.8	3172	9.3	90247.8	-4045.7	3262	9.8	90738.8	-4017.5
2993	9.7	85126.7	-4003.1	3083	9.7	85800.9	-4036.8	3173	10.0	90257.8	-4041.7	3263	8.5	90742.9	-4001.0
2994	9.4	85132.7	-4021.9	3084	8.7	85801.9	-4032.3	3174	9.8	90301.3	-4031.9	3264	10.5	90745.8	-4045.0
2995	10.1	85133.7	-4032.2	3085	10.1	85811.9	-4032.5	3175	10.0	90301.8	-4022.3	3265	10.5	90749.3	-4053.2
2996	10.4	85136.7	-4014.4	3086	10.4	85812.4	-4026.1	3176	10.1	90302.8	-4032.9	3266	10.0	90749.8	-4022.7
2997	9.8	85137.7	-4031.8	3087	10.2	85813.9	-4045.4	3177	10.2	90306.3	-4012.5	3267	9.2	90755.8	-4036.1
2998	9.8	85139.7	-4004.5	3088	9.7	85816.9	-4053.6	3178	9.8	90307.8	-4035.5	3268	10.4	90759.4	-4057.0
2999	9.7	85144.2	-4021.0	3089	10.4	85830.9	-4019.1	3179	9.8	90310.3	-4034.9	3269	8.8	90811.8	-4003.2
3000	10.0	85159.7	-4051.6	3090	10.4	85838.4	-4015.4	3180	10.0	90313.3	-4032.1	3270	9.8	90811.8	-4006.0
3001	9.8	85204.7	-4056.4	3091	9.4	85840.9	-4029.1	3181	9.8	90319.3	-4030.6	3271	10.0	90813.3	-4043.0
3002	10.4	85210.7	-4035.1	3092	9.7	85841.4	-4006.5	3182	10.0	90319.8	-4021.9	3272	10.5	90815.8	-4036.0
3003	9.3	85218.2	-4030.2	3093	9.8	85842.4	-4031.2	3183	8.0	90323.8	-4034.1	3273	10.2	90819.3	-4056.6
3004	9.8	85223.2	-4053.1	3094	10.4	85844.9	-4056.8	3184	9.6	90326.8	-4001.9	3274	10.0	90819.9	-4056.9
3005	9.3	85226.7	-4053.4	3095	10.0	85849.4	-4056.6	3185	10.4	90326.8	-4059.1	3275	9.9	90820.3	-4037.9
3006	10.2	85230.7	-4023.5	3096	9.8	85854.4	-4028.7	3186	10.4	90329.3	-4021.3	3276	9.7	90824.3	-4023.0
3007	9.8	85248.7	-4017.4	3097	10.0	85854.9	-4038.0	3187	7.7	90333.8	-4055.3	3277	9.8	90829.3	-4008.0
3008	10.4	85249.7	-4039.0	3098	9.8	85859.9	-4044.3	3188	10.1	90335.3	-4027.1	3278	10.0	90832.3	-4016.6
3009	9.7	85253.2	-4032.2	3099	9.8	85901.9	-4029.4	3189	10.2	90335.8	-4007.1	3279	10.0	90841.3	-4014.8
3010	10.0	85256.2	-4010.3	3100	9.6	85912.9	-4008.5	3190	10.2	90339.3	-4053.6	3280	10.4	90846.3	-4043.3
3011	10.2	85257.2	-4008.2	3101	9.4	85913.9	-4021.2	3191	10.4	90340.3	-4015.5	3281	10.5	90849.3	-4008.9
3012	10.4	85251.0	-4043.1	3102	9.8	85914.4	-4012.0	3192	10.0	90340.3	-4021.3	3282	10.5	90850.3	-4020.7
3013	8.1	85255.7	-4052.2	3103	9.8	85917.9	-4044.1	3193	10.0	90341.8	-4039.3	3283	10.5	90855.3	-4012.6
3014	9.4	85300.7	-4024.9	3104	10.4	85917.9	-4024.0	3194	8.7	90346.3	-4048.1	3284	10.2	90859.1	-4000.0
3015	9.2	85314.2	-4015.7	3105	9.7	85930.9	-4024.7	3195	10.4	90355.8	-4008.3	3285	10.5	90900.8	-4007.9
3016	10.4	85317.2	-4012.3	3106	8.7	85932.9	-4020.2	3196	9.8	90356.8	-4023.3	3286	10.4	90902.8	-4030.5
3017	9.8	85317.7	-4021.9	3107	9.8	85940.4	-4008.5	3197	9.8	90400.8	-4004.5	3287	9.8	90903.8	-4023.6
3018	10.1	85326.2	-4040.9	3108	10.4	85942.4	-4010.8	3198	9.8	90400.8	-4025.4	3288	9.4	90907.8	-4044.5
3019	10.2	85329.2	-4034.6	3109	9.3	85942.4	-4012.0	3199	9.4	90408.3	-4002.0	3289	10.4	90909.3	-4028.0
3020	10.0	85335.1	-4058.6	3110	9.8	85947.9	-4048.7	3200	9.2	90409.3	-4012.1	3290	10.5	90909.3	-4024.1
3021	9.8	85341.2	-4021.4	3111	9.8	85949.9	-4017.7	3201	10.4	90413.8	-4036.1	3291	10.0	90910.3	-4037.6
3022	10.2	85342.7	-4038.9	3112	10.4	85954.4	-4033.7	3202	10.4	90415.8	-4013.3	3292	10.0	90912.3	-4005.2
3023	10.4	85350.7	-4010.0	3113	8.9	85955.4	-4034.0	3203	10.4	90419.3	-4024.9	3293	10.4	90915.8	-4047.8
3024	9.7	85351.8	-4057.7	3114	9.8	85959.9	-4024.6	3204	9.2	90419.8	-4005.9	3294	10.5	90917.3	-4002.0
3025	10.4	85355.2	-4006.3	3115	9.8	85959.9	-4003.2	3205	9.7	90424.3	-4008.1	3295	9.4	90918.3	-4009.0
3026	10.4	85403.7	-4026.9	3116	9.7	90019.9	-4016.0	3206	9.8	90429.3	-4016.5	3296	10.4	90919.3	-4050.8
3027	10.2	85419.2	-4058.2	3117	10.2	90024.9	-4022.7	3207	9.8	90429.3	-4035.7	3297	10.4	90919.3	-4049.8
3028	9.8	85419.7	-4023.7	3118	9.8	90025.4	-4044.5	3208	9.8	90430.3	-4036.7	3298	10.0	90922.3	-4019.5
3029	10.4	85425.5	-4056.7	3119	9.8	90027.9	-4034.4	3209	10.1	90430.4	-4017.0	3299	10.5	90927.3	-4056.2
3030	10.4	85429.7	-4001.9	3120	9.8	90029.4	-4050.5	3210	10.4	90430.8	-4036.1	3300	9.6	90928.2	-4057.9
3031	9.8	85432.7	-4005.0	3121	10.1	90029.9	-4028.5	3211	9.6	90435.3	-4010.2	3301	10.4	90929.4	-4043.6
3032	9.4	85434.7	-4026.6	3122	9.8	90029.9	-4018.4	3212	9.2	90437.3	-4016.5	3302	10.0	90936.4	-4046.5
3033	10.2	85437.7	-4055.4	3123	10.2	90029.9	-4007.5	3213	10.4	90438.3	-4035.3	3303	9.9	90940.4	-4047.4
3034	10.4	85439.7	-4040.9	3124	10.4	90039.9	-4017.9	3214	10.4	90443.9	-4031.5	3304	10.5	90941.4	-4005.0
3035	10.1	85440.7	-4058.2	3125	10.2	90039.9	-4035.7	3215	9.0	90448.9	-4028.2	3305	10.5	90943.4	-4042.9
3036	10.4	85443.7	-4009.7	3126	10.4	90041.4	-4046.5	3216	8.1	90448.9	-4032.2	3306	10.5	90944.9	-4042.4
3037	8.4	85444.7	-4037.3	3127	9.7	90047.9	-4021.9	3217	10.2	90451.4	-4012.9	3307	9.8	90950.4	-4049.6
3038	10.4	85448.7	-4022.2	3128	9.6	90051.9	-4033.6	3218	10.1	90453.9	-4026.7	3308	10.5	90959.4	-4052.3
3039	10.4	85502.7	-4021.2	3129	8.7	90052.4	-4012.7	3219	10.2	90453.9	-4004.9	3309	9.3	91002.4	-4055.2
3040	9.2	85508.7	-4011.8	3130	10.1	90053.9	-4043.0	3220	10.1	90457.9	-4026.9	3310	10.5	91003.2	-4059.4
3041	9.8	85510.7	-4026.9	3131	9.7	90054.9	-4034.9	3221	8.3	90500.9	-4052.3	3311	10.2	91004.4	-4052.8
3042	9.2	85511.7	-4038.0	3132	9.8	90055.4	-4029.1	3222	9.7	90503.9	-4004.1	3312	10.5	91009.9	-4017.6
3043	9.2	85514.7	-4050.2	3133	9.6	90055.8	-4013.9	3223	10.4	90507.4	-4008.6	3313	10.5	91012.4	-4007.1
3044	5.3	85525.7	-4046.1	3134	10.4	90102.1	-4058.1	3224	9.8	90508.4	-4024.1	3314	10.5	91013.4	-4016.9
3045	10.1	85525.7	-4026.6	3135	10.0	90102.3	-4032.9	3225	9.7	90514.9	-4025.9	3315	10.4	91013.4	-4035.1
3046	10.4	85529.2	-4029.3	3136	10.1	90106.8	-4048.3	3226	10.0	90527.4	-4050.7	3316	10.0	91013.4	-4036.3
3047	9.4	85544.9	-4013.1	3137	9.8	90108.8	-4020.3	3227	10.4	90529.9	-4039.6	3317	10.4	91019.4	-4036.6
3048	9.8	85549.9	-4021.4	3138	9.8	90109.6	-4002.2	3228	10.4	90530.9	-4041.7	3318	10.0	91022.4	-4021.4

-40 3319 9h10m

-40 3678 9h28m

3319	10.5	91022.9	-4001.0	3409	9.7	91457.3	-4000.6	3499	9.9	91941.1	-4009.4
3320	10.0	91023.9	-4010.6	3410	9.4	91504.6	-4053.7	3500	10.0	91942.1	-4045.0
3321	10.5	91024.9	-4058.8	3411	9.7	91507.6	-4043.2	3501	9.2	91943.6	-4013.4
3322	9.4	91025.1	-4002.9	3412	10.2	91509.6	-4047.1	3502	10.5	91945.6	-4027.8
3323	10.4	91026.1	-4023.7	3413	10.5	91513.1	-4053.7	3503	9.0	91949.6	-4008.9
3324	10.5	91027.2	-4001.5	3414	10.5	91515.6	-4013.7	3504	10.5	91957.1	-4046.4
3325	9.0	91029.4	-4042.7	3415	9.3	91521.6	-4008.8	3505	10.4	91958.1	-4026.4
3326	10.0	91038.4	-4034.5	3416	9.4	91525.6	-4003.0	3506	10.4	91959.0	-4053.4
3327	10.2	91038.9	-4050.6	3417	8.6	91530.1	-4054.8	3507	9.4	91959.0	-4000.1
3328	10.0	91040.4	-4049.5	3418	9.9	91539.6	-4016.9	3508	10.0	92003.5	-4040.1
3329	10.2	91043.4	-4041.0	3419	10.0	91540.6	-4030.7	3509	10.0	92004.0	-4017.8
3330	10.2	91103.9	-4003.7	3420	10.2	91549.6	-4022.0	3510	10.4	92004.0	-4004.7
3331	9.4	91110.4	-4038.9	3421	10.2	91554.6	-4059.0	3511	10.0	92005.0	-4016.4
3332	10.5	91116.4	-4027.3	3422	9.2	91555.6	-4031.3	3512	9.8	92005.0	-4043.7
3333	10.5	91120.4	-4027.7	3423	8.8	91558.6	-4049.3	3513	10.5	92008.0	-4017.1
3334	10.4	91120.4	-4019.4	3424	10.0	91600.6	-4035.3	3514	10.2	92009.0	-4011.7
3335	10.0	91122.9	-4005.1	3425	10.4	91601.6	-4053.1	3515	9.2	92011.5	-4048.3
3336	10.0	91133.9	-4058.9	3426	10.4	91601.6	-4012.5	3516	10.5	92016.0	-4037.8
3337	10.4	91140.4	-4052.9	3427	10.2	91602.5	-4002.0	3517	9.8	92024.0	-4035.1
3338	10.0	91142.9	-4048.6	3428	10.5	91610.6	-4027.2	3518	9.8	92025.5	-4044.3
3339	10.5	91145.9	-4041.1	3429	10.4	91611.6	-4038.7	3519	8.4	92027.0	-4022.9
3340	9.8	91146.6	-4005.5	3430	10.5	91612.6	-4047.0	3520	10.5	92028.5	-4037.6
3341	9.7	91148.6	-4002.1	3431	10.5	91621.1	-4005.7	3521	8.8	92029.0	-4008.3
3342	9.8	91149.6	-4021.4	3432	10.5	91623.6	-4007.3	3522	10.4	92030.0	-4023.9
3343	10.2	91151.1	-4008.9	3433	9.9	91624.1	-4031.0	3523	9.0	92031.0	-4050.0
3344	10.5	91153.7	-4041.1	3434	10.4	91629.6	-4049.9	3524	10.5	92031.0	-4014.4
3345	9.8	91158.6	-4041.1	3435	10.2	91634.1	-4045.1	3525	10.4	92032.5	-4027.4
3346	9.6	91159.6	-4008.2	3436	10.4	91634.6	-4010.6	3526	10.2	92038.0	-4029.8
3347	9.3	91200.3	-4059.9	3437	10.2	91639.1	-4039.4	3527	10.4	92048.5	-4041.4
3348	9.9	91203.6	-4051.4	3438	10.4	91639.6	-4051.3	3528	9.0	92051.0	-4034.0
3349	9.4	91204.3	-4057.8	3439	8.8	91645.6	-4033.9	3529	10.5	92052.5	-4015.9
3350	8.0	91214.1	-4047.8	3440	10.0	91649.1	-4043.4	3530	10.2	92055.0	-4055.5
3351	10.4	91214.1	-4052.7	3441	9.3	91650.6	-4057.5	3531	9.4	92101.0	-4031.9
3352	9.9	91215.1	-4026.9	3442	9.9	91654.6	-4050.2	3532	10.4	92103.1	-4056.6
3353	10.0	91218.6	-4009.8	3443	10.5	91655.5	-4058.2	3533	10.5	92106.1	-4043.0
3354	10.4	91219.6	-4030.8	3444	10.0	91656.1	-4003.0	3534	10.0	92116.1	-4027.3
3355	10.5	91224.1	-4053.8	3445	8.6	91659.6	-4014.8	3535	10.4	92116.1	-4017.8
3356	10.5	91224.6	-4028.4	3446	10.5	91704.6	-4043.7	3536	10.5	92119.1	-4017.6
3357	10.4	91239.1	-4040.0	3447	10.2	91711.1	-4017.9	3537	9.8	92119.1	-4037.6
3358	10.0	91240.6	-4014.9	3448	10.5	91713.1	-4052.6	3538	9.4	92126.7	-4001.2
3359	10.0	91242.6	-4003.5	3449	10.5	91713.6	-4022.3	3539	10.5	92130.1	-4040.7
3360	9.4	91249.6	-4036.2	3450	9.4	91720.1	-4000.6	3540	10.5	92134.6	-4059.6
3361	10.5	91250.1	-4008.2	3451	9.4	91721.6	-4013.9	3541	9.2	92139.6	-4048.4
3362	10.4	91251.6	-4027.9	3452	10.0	91722.0	-4001.1	3542	10.0	92140.1	-4030.8
3363	10.5	91253.6	-4038.0	3453	10.5	91724.1	-4035.2	3543	9.9	92140.1	-4030.6
3364	9.3	91254.6	-4029.2	3454	10.2	91724.6	-4022.5	3544	9.8	92141.1	-4018.0
3365	10.5	91254.6	-4015.9	3455	10.5	91727.5	-4037.2	3545	10.0	92145.1	-4058.5
3366	10.0	91305.1	-4021.4	3456	9.8	91728.6	-4008.7	3546	10.0	92149.5	-4001.8
3367	10.2	91308.6	-4051.0	3457	10.2	91733.1	-4053.9	3547	10.5	92151.1	-4021.7
3368	10.5	91311.6	-4026.6	3458	10.4	91737.1	-4056.3	3548	10.5	92156.1	-4021.0
3369	9.0	91314.3	-4058.8	3459	10.5	91737.6	-4026.8	3549	10.0	92202.6	-4023.6
3370	9.8	91319.6	-4049.4	3460	10.5	91739.6	-4024.6	3550	10.4	92205.1	-4017.9
3371	10.5	91330.6	-4027.5	3461	10.2	91742.6	-4040.3	3551	9.8	92211.6	-4023.7
3372	10.5	91332.6	-4019.2	3462	10.5	91750.6	-4052.3	3552	10.2	92226.1	-4056.7
3373	9.9	91332.6	-4041.2	3463	10.5	91751.6	-4018.6	3553	10.5	92226.1	-4008.4
3374	10.5	91342.8	-4058.4	3464	10.5	91754.0	-4058.2	3554	9.6	92231.6	-4043.4
3375	10.4	91343.6	-4022.6	3465	8.8	91756.6	-4013.8	3555	10.0	92235.1	-4033.8
3376	10.2	91344.3	-4057.0	3466	10.5	91756.6	-4055.2	3556	9.9	92242.1	-4005.4
3377	10.4	91344.6	-4052.7	3467	10.5	91759.1	-4009.5	3557	10.0	92245.6	-4054.6
3378	10.4	91346.6	-4005.4	3468	10.5	91808.1	-4027.2	3558	10.4	92247.0	-4034.0
3379	9.3	91349.6	-4033.8	3469	10.0	91809.1	-4039.5	3559	10.4	92252.0	-4035.6
3380	10.4	91350.1	-4055.6	3470	10.4	91813.6	-4057.3	3560	10.4	92252.6	-4010.8
3381	10.5	91356.6	-4019.8	3471	10.5	91818.6	-4027.3	3561	10.0	92255.6	-4047.4
3382	10.5	91358.6	-4020.2	3472	10.5	91826.1	-4016.3	3562	9.0	92258.1	-4039.4
3383	10.5	91358.6	-4054.2	3473	10.2	91826.6	-4049.6	3563	10.0	92258.1	-4014.1
3384	10.5	91359.6	-4054.0	3474	10.4	91838.1	-4033.6	3564	10.0	92259.1	-4008.0
3385	9.6	91359.6	-4039.4	3475	10.4	91839.6	-4053.6	3565	9.7	92301.1	-4035.5
3386	9.6	91405.6	-4039.2	3476	10.5	91844.6	-4011.1	3566	10.5	92301.1	-4021.5
3387	10.5	91406.1	-4020.7	3477	10.5	91846.8	-4001.6	3567	9.8	92304.1	-4017.9
3388	10.4	91409.1	-4049.9	3478	9.2	91849.6	-4054.9	3568	9.0	92312.1	-4043.2
3389	10.2	91411.1	-4059.0	3479	9.8	91849.6	-4026.5	3569	10.5	92318.6	-4012.3
3390	10.4	91413.6	-4041.1	3480	10.4	91854.6	-4032.3	3570	9.4	92321.6	-4022.4
3391	10.5	91414.1	-4047.0	3481	10.5	91858.6	-4055.3	3571	9.8	92330.1	-4007.1
3392	9.9	91415.1	-4000.1	3482	9.0	91859.6	-4031.9	3572	9.8	92330.1	-4047.0
3393	10.0	91415.1	-4000.4	3483	10.4	91900.6	-4002.0	3573	10.4	92332.1	-4025.1
3394	8.0	91416.6	-4056.5	3484	10.5	91901.6	-4005.2	3574	10.5	92335.1	-4028.9
3395	9.8	91419.6	-4022.7	3485	9.9	91902.1	-4034.8	3575	10.2	92336.1	-4019.4
3396	10.0	91421.6	-4006.6	3486	8.8	91903.6	-4033.9	3576	9.6	92336.1	-4039.5
3397	10.5	91422.1	-4054.5	3487	10.4	91907.1	-4028.6	3577	9.0	92340.1	-4056.1
3398	8.6	91424.6	-4035.7	3488	8.6	91909.6	-4032.9	3578	9.8	92341.1	-4012.1
3399	10.5	91428.6	-4051.4	3489	10.2	91912.6	-4013.0	3579	10.0	92343.1	-4010.2
3400	10.5	91429.6	-4022.2	3490	10.4	91912.6	-4007.7	3580	9.7	92344.1	-4003.5
3401	10.5	91430.4	-4012.6	3491	10.4	91913.1	-4046.6	3581	10.2	92350.1	-4019.1
3402	9.4	91438.1	-4013.2	3492	10.0	91914.6	-4010.1	3582	9.4	92352.1	-4028.8
3403	10.5	91438.1	-4003.0	3493	10.5	91918.6	-4014.4	3583	9.9	92355.1	-4017.4
3404	9.2	91440.6	-4002.1	3494	10.0	91923.6	-4032.4	3584	9.6	92355.6	-4001.9
3405	9.4	91442.6	-4049.5	3495	9.4	91925.6	-4017.3	3585	10.0	92400.1	-4001.1
3406	10.4	91448.6	-4037.2	3496	10.2	91928.6	-4039.5	3586	8.4	92402.1	-4009.0
3407	9.8	91452.1	-4010.3	3497	10.2	91934.1	-4002.9	3587	10.5	92406.1	-4030.6
3408	10.2	91452.6	-4016.9	3498	10.5	91940.6	-4025.6	3588	10.0	92407.1	-4030.7
3589	10.0	92409.6	-4023.7								
3590	10.5	92410.6	-4001.1								
3591	10.4	92412.1	-4016.1								
3592	10.4	92417.1	-4032.2								
3593	9.0	92421.6	-4013.5								
3594	10.0	92422.3	-4059.4								
3595	9.8	92432.1	-4030.4								
3596	10.4	92436.1	-4050.1								
3597	9.0	92440.6	-4028.8								
3598	9.5	92449.5	-4001.1								
3599	10.2	92450.1	-4034.7								
3600	10.5	92452.1	-4046.2								
3601	9.2	92454.5	-4000.7								
3602	8.5	92459.1	-4029.0								
3603	10.0	92505.1	-4033.8								
3604	9.5	92508.1	-4031.4								
3605	9.2	92514.6	-4043.9								
3606	10.5	92515.1	-4015.8								
3607	9.3	92520.1	-4045.2								
3608	9.4	92524.1	-4023.8								
3609	9.8	92525.6	-4049.9								
3610	10.4	92527.0	-4057.1								
3611	9.8	92532.6	-4034.0								
3612	10.0	92540.1	-4045.4								
3613	8.8	92540.1	-4039.2								
3614	10.0	92541.1	-4031.2								
3615	9.8	92542.1	-4016.0								
3616	9.5	92544.1	-4052.6								
3617	10.5	92548.0	-4037.2								
3618	9.7	92548.6	-4043.3								
3619	8.6	92548.6	-4050.8								
3620	9.3	92550.1	-4050.6								
3621	10.2	92601.6	-4001.4								
3622	10.0	92607.6	-4012.2								
3623	10.0	92610.1	-4000.0								
3624	10.0	92615.1	-4032.2								
3625	10.0	92619.1	-4048.1								
3626	9.7	92622.6	-4009.2								
3627	9.9	92626.1	-4029.1								
3628	9.9	92627.1	-4018.4								
3629	10.0	92627.6	-4018.6								
3630	9.8	92631.1	-4003.6								
3631	9.8	92636.1	-4007.4								
3632	10.5	92637.1	-4034.0								
3633	9.5	92640.1	-4050.8								
3634	10.4	92645.1	-4027.6								
3635	9.8	92651.1	-4019.1								
3636	8.6	92657.6	-4050.5								
3637	10.5	92709.6	-4054.2								
3638	10.4	92711.1	-4032.1								
3639	10.1	92721.1	-4016.2								
3640	7.3	92721.1	-4005.8								
3641	10.4	92722.1	-4032.2								
3642	9.0	92725.1	-4028.0								
3643	10.4	92725.6	-4048.2								
3644	9.0	92728.1	-4000.8								
3645	8.0	92731.1	-4037.6								
3646	10.5	92735.1	-4023.8								
3647	10.0	92735.6	-4041.8								
3648	9.2	92738.1	-4005.4								
3649	9.6	92738.6	-4051.2								
3650	10.2	92740.1	-4009.8								
3651	10.5	92741.1	-4027.6								
3652	10.4	92742.1	-4017.7								
3653	10.5	92742.6	-4042.1								
3654	10.5	92747.1	-4025.1								
3655	10.4	92750.1	-4040.4								
3656	10.5	92755.3	-4057.0								
3657	10.5	92801.6	-4058.6								
3658	10.2	92802.6	-4039.6								
3659	9.5	92807.6	-4007.2								
3660	10.2	92809.6	-4017.4								
3661	9.5	92811.1	-4048.1								
3662	10.5	928 2.1	-4037.6								
3663	9.8	928.6.6	-4013.2								
3664	10.2	92818.6	-4051.0								
3665	10.4	92821.1	-4028.7								
3666	9.0	92821.6	-4011.4								
3667	10.5	92825.1	-4005.0								
3668	9.4	92829.6	-4029.2								
3669	10.5	92833.6	-4022.5								
3670	10.5	92838.6	-4016.6								
3671	10.0	92839.1	-4032.0								
3672	10.2	92839.8	-4058.0								
3673	10.4	92841.6	-4029.8								
3674	10.0	92842.1	-4008.6								
3675	9.4	92850.1	-4030.6								
3676	10.0	92851.8	-4058.1								
3677	9.9	92853.3	-4057.8								
3678	10.2	92855.1	-4056.3								

-40 3679 9h28m

-40 4038 9h51m

3679	9.8	92855.1 -4007.8	3769	10.3	93343.4 -4032.2	3859	10.3	94018.2 -4053.8	3949	10.2	94619.2 -4042.6
3680	10.0	92908.1 -4005.0	3770	10.2	93344.6 -4027.9	3860	10.2	94021.2 -4020.1	3950	10.0	94622.7 -4041.1
3681	9.2	92909.1 -4005.0	3771	9.9	93348.4 -4010.0	3861	10.2	94029.2 -4026.5	3951	9.4	94630.0 -4057.6
3682	10.5	92911.6 -4020.2	3772	10.2	93352.7 -4059.2	3862	10.3	94038.2 -4010.7	3952	10.2	94631.2 -4035.2
3683	10.5	92913.6 -4024.0	3773	9.4	93400.7 -4039.4	3863	10.3	94038.2 -4000.0	3953	10.3	94633.7 -4031.6
3684	10.4	92915.1 -4030.4	3774	9.4	93403.2 -4017.7	3864	10.2	94040.2 -4042.2	3954	9.4	94634.2 -4030.3
3685	10.5	92915.4 -4014.6	3775	9.9	93408.2 -4004.6	3865	9.4	94048.2 -4037.1	3955	10.3	94634.2 -4017.9
3686	10.3	92918.6 -4018.6	3776	10.0	93409.2 -4025.1	3866	10.0	94051.2 -4057.0	3956	10.3	94634.7 -4002.4
3687	9.0	92920.1 -4030.0	3777	10.0	93410.2 -4023.8	3867	9.2	94058.7 -4034.4	3957	10.3	94636.4 -4000.4
3688	8.8	92923.6 -4052.0	3778	10.0	93410.2 -4015.3	3868	10.3	94059.2 -4028.2	3958	9.4	94701.2 -4022.4
3689	8.8	92926.6 -4024.6	3779	10.2	93412.7 -4039.1	3869	8.9	94100.2 -4003.5	3959	9.7	94702.7 -4012.5
3690	9.9	92930.1 -4017.3	3780	10.0	93416.7 -4044.0	3870	10.2	94100.2 -4051.3	3960	9.7	94710.2 -4044.4
3691	10.0	92932.6 -4011.8	3781	10.3	93424.7 -4020.2	3871	9.4	94106.2 -4015.9	3961	9.9	94713.2 -4041.4
3692	10.2	92932.6 -4045.0	3782	8.2	93425.2 -4006.6	3872	8.4	94108.2 -4003.8	3962	10.2	94714.2 -4054.8
3693	9.0	92934.1 -4034.9	3783	10.3	93427.2 -4018.5	3873	10.3	94114.2 -4001.6	3963	10.3	94715.7 -4013.8
3694	10.0	92940.1 -4039.8	3784	9.7	93432.2 -4030.6	3874	10.3	94116.2 -4036.7	3964	10.2	94729.2 -4038.3
3695	10.2	92941.1 -4051.2	3785	9.6	93433.2 -4059.7	3875	9.9	94119.2 -4040.0	3965	10.2	94731.2 -4036.9
3696	10.4	92945.1 -4052.8	3786	10.3	93444.7 -4035.3	3876	10.2	94121.2 -4041.4	3966	9.2	94731.2 -4052.2
3697	10.5	92947.6 -4017.2	3787	8.0	93448.2 -4015.5	3877	10.3	94123.7 -4004.8	3967	9.8	94734.2 -4034.3
3698	9.3	92953.6 -4054.3	3788	10.3	93450.2 -4018.2	3878	9.1	94124.7 -4033.0	3968	10.3	94735.7 -4038.9
3699	10.0	92956.1 -4043.7	3789	10.2	93451.2 -4030.8	3879	8.0	94130.2 -4006.2	3969	10.0	94745.2 -4039.9
3700	10.5	93000.1 -4026.4	3790	10.3	93453.2 -4023.5	3880	10.0	94134.2 -4023.9	3970	10.3	94745.2 -4000.6
3701	10.5	93001.5 -4000.5	3791	9.9	93454.2 -4002.2	3881	10.0	94137.0 -4000.9	3971	10.3	94750.7 -4001.3
3702	9.7	93005.6 -4031.0	3792	10.2	93459.7 -4011.5	3882	10.0	94138.2 -4015.3	3972	10.3	94752.7 -4007.5
3703	10.5	93011.1 -4015.4	3793	10.2	93507.2 -4032.2	3883	10.2	94139.2 -4008.8	3973	10.3	94754.2 -4002.1
3704	9.2	93011.1 -4024.1	3794	10.2	93507.7 -4029.0	3884	9.8	94143.2 -4036.3	3974	10.0	94758.2 -4044.9
3705	10.0	93013.1 -4014.0	3795	8.2	93510.2 -4031.6	3885	10.2	94143.7 -4037.6	3975	10.3	94759.2 -4001.9
3706	9.2	93014.1 -4050.6	3796	9.6	93514.2 -4030.8	3886	10.3	94152.7 -4030.1	3976	9.2	94801.2 -4005.3
3707	10.5	93016.6 -4042.2	3797	10.2	93517.2 -4030.6	3887	9.1	94156.2 -4048.9	3977	10.0	94802.1 -4032.8
3708	10.2	93020.6 -4021.4	3798	10.3	93528.2 -4058.2	3888	9.8	94157.7 -4050.2	3978	10.3	94802.2 -4043.5
3709	8.1	93026.1 -4055.1	3799	10.0	93535.2 -4029.8	3889	10.2	94158.7 -4032.0	3979	10.3	94806.2 -4018.8
3710	9.3	93030.1 -4053.7	3800	9.7	93539.2 -4009.6	3890	9.8	94159.2 -4003.9	3980	10.2	94811.2 -4034.2
3711	8.8	93038.1 -4008.6	3801	10.2	93557.7 -4051.8	3891	9.9	94201.7 -4038.1	3981	10.3	94813.2 -4000.7
3712	9.5	93040.1 -4014.5	3802	9.4	93559.2 -4013.6	3892	10.2	94208.2 -4007.0	3982	10.3	94815.7 -4006.1
3713	9.8	93044.1 -4058.5	3803	10.2	93600.2 -4032.4	3893	9.9	94209.2 -4004.7	3983	10.3	94818.1 -4015.9
3714	9.4	93050.6 -4003.1	3804	9.8	93601.2 -4017.4	3894	10.3	94215.7 -4044.3	3984	10.2	94818.2 -4043.8
3715	10.4	93051.1 -4028.2	3805	9.7	93619.0 -4059.4	3895	8.6	94217.2 -4052.4	3985	10.2	94819.2 -4040.6
3716	9.5	93051.6 -4045.8	3806	10.3	93619.2 -4041.1	3896	9.6	94224.7 -4032.1	3986	10.3	94820.7 -4006.5
3717	10.5	93054.6 -4010.0	3807	10.3	93625.9 -4058.0	3897	10.3	94225.2 -4036.3	3987	9.9	94825.7 -4003.3
3718	9.9	93055.1 -4020.0	3808	9.9	93628.4 -4058.7	3898	10.3	94228.2 -4009.2	3988	10.2	94825.7 -4040.1
3719	9.8	93058.1 -4021.8	3809	9.4	93639.2 -4032.6	3899	10.2	94234.2 -4023.9	3989	10.0	94835.2 -4026.5
3720	10.4	93100.1 -4047.1	3810	10.2	93652.7 -4028.0	3900	8.2	94239.2 -4016.5	3990	9.4	94835.2 -4013.0
3721	9.7	93101.1 -4055.9	3811	9.7	93653.2 -4055.0	3901	9.8	94241.2 -4010.3	3991	10.0	94839.2 -4038.6
3722	9.6	93104.6 -4031.8	3812	9.9	93659.2 -4011.7	3902	9.9	94241.7 -4030.4	3992	10.3	94839.3 -4001.8
3723	10.0	93107.1 -4042.6	3813	10.3	93700.7 -4038.1	3903	9.7	94257.2 -4034.5	3993	10.3	94841.7 -4001.0
3724	9.9	93112.1 -4036.7	3814	8.9	93705.2 -4003.3	3904	9.7	94304.2 -4028.9	3994	10.0	94845.7 -4038.7
3725	9.6	93118.6 -4004.0	3815	10.3	93713.2 -4030.2	3905	9.8	94307.2 -4016.3	3995	10.2	94847.2 -4021.6
3726	8.8	93120.1 -4028.9	3816	10.2	93713.7 -4052.2	3906	8.4	94309.2 -4050.9	3996	9.0	94850.2 -4056.1
3727	9.6	93125.1 -4053.0	3817	9.2	93715.2 -4025.2	3907	10.3	94309.7 -4029.3	3997	10.0	94853.2 -4042.1
3728	9.9	93128.1 -4003.0	3818	9.9	93718.5 -4000.0	3908	10.0	94313.2 -4007.7	3998	10.0	94854.0 -4057.9
3729	10.0	93138.6 -4027.6	3819	9.7	93725.2 -4019.0	3909	9.4	94314.2 -4014.0	3999	9.9	94900.7 -4025.4
3730	10.5	93140.1 -4014.1	3820	9.4	93727.2 -4037.4	3910	10.3	94315.2 -4007.9	4000	9.8	94900.7 -4018.5
3731	10.0	93141.1 -4026.1	3821	8.8	93736.7 -4006.7	3911	10.2	94320.2 -4036.1	4001	9.7	94902.2 -4013.3
3732	10.2	93142.1 -4014.9	3822	9.6	93740.2 -4052.2	3912	10.2	94330.7 -4014.7	4002	10.3	94904.8 -4059.9
3733	10.0	93143.6 -4052.3	3823	10.2	93745.7 -4021.4	3913	10.2	94344.2 -4014.8	4003	9.7	94910.2 -4054.2
3734	10.0	93145.1 -4031.1	3824	9.8	93746.2 -4040.6	3914	9.6	94346.2 -4027.7	4004	10.3	94915.2 -4031.2
3735	9.9	93155.6 -4036.6	3825	10.0	93748.2 -4040.0	3915	9.4	94349.2 -4058.1	4005	10.3	94919.2 -4049.3
3736	9.2	93156.1 -4001.5	3826	10.3	93753.7 -4018.0	3916	9.8	94349.2 -4058.5	4006	10.2	94919.2 -4016.9
3737	9.6	93159.6 -4005.7	3827	9.1	93758.2 -4028.6	3917	10.3	94351.2 -4034.4	4007	9.9	94920.2 -4010.6
3738	9.9	93202.1 -4047.5	3828	10.2	93759.2 -4004.0	3918	9.4	94357.7 -4012.2	4008	10.2	94929.2 -4016.5
3739	10.0	93204.1 -4016.7	3829	10.0	93808.2 -4015.3	3919	9.4	94404.2 -4011.9	4009	10.0	94931.2 -4038.6
3740	9.0	93204.6 -4047.2	3830	10.2	93809.2 -4047.8	3920	8.9	94405.7 -4003.9	4010	10.3	94939.7 -4022.3
3741	10.0	93205.1 -4027.4	3831	10.2	93815.2 -4011.0	3921	10.0	94411.2 -4059.3	4011	9.8	94941.2 -4023.4
3742	10.2	93209.1 -4031.0	3832	9.6	93821.2 -4033.0	3922	10.2	94411.2 -4025.8	4012	10.3	94954.7 -4021.6
3743	10.5	93211.1 -4005.1	3833	9.9	93834.2 -4056.6	3923	10.0	94413.2 -4012.7	4013	8.4	94957.2 -4010.3
3744	9.4	93214.6 -4006.0	3834	10.2	93835.2 -4008.6	3924	9.2	94415.2 -4012.0	4014	9.9	95000.2 -4042.1
3745	10.5	93214.6 -4025.9	3835	8.6	93835.4 -4035.9	3925	9.8	94429.2 -4013.3	4015	9.0	95009.2 -4028.7
3746	10.4	93218.6 -4039.2	3836	10.2	93836.7 -4032.7	3926	10.3	94436.2 -4001.9	4016	9.9	95012.2 -4003.8
3747	10.0	93224.1 -4048.6	3837	9.8	93838.2 -4046.3	3927	9.9	94442.2 -4049.7	4017	9.4	95012.7 -4041.2
3748	10.2	93225.1 -4042.1	3838	8.4	93843.2 -4040.0	3928	10.3	94442.2 -4020.8	4018	9.5	95019.0 -4059.9
3749	9.5	93226.6 -4025.1	3839	9.9	93846.2 -4016.4	3929	9.1	94445.2 -4023.8	4019	9.9	95020.2 -4013.5
3750	10.2	93229.1 -4012.6	3840	9.8	93857.2 -4048.2	3930	9.7	94449.0 -4000.5	4020	10.3	95020.2 -4015.3
3751	10.5	93230.6 -4019.7	3841	10.2	93904.2 -4025.1	3931	10.2	94449.2 -4007.5	4021	9.6	95020.7 -4046.0
3752	9.8	93230.9 -4037.7	3842	10.3	93916.2 -4009.2	3932	9.9	94459.2 -4003.3	4022	9.6	95020.7 -4047.0
3753	10.0	93231.4 -4027.9	3843	9.6	93923.2 -4032.4	3933	9.0	94514.2 -4016.6	4023	9.9	95022.2 -4038.2
3754	10.2	93241.9 -4035.1	3844	9.6	93924.2 -4026.8	3934	9.2	94525.2 -4044.9	4024	9.8	95025.2 -4046.9
3755	10.5	93245.1 -4044.7	3845	9.0	93931.2 -4012.4	3935	10.0	94528.7 -4045.5	4025	9.7	95029.2 -4016.0
3756	10.5	93248.1 -4035.0	3846	9.6	93942.2 -4054.1	3936	9.9	94530.2 -4046.8	4026	10.3	95030.2 -4009.9
3757	9.7	93250.4 -4056.7	3847	10.3	93948.2 -4033.8	3937	10.2	94534.2 -4055.5	4027	10.3	95039.2 -4035.1
3758	10.5	93300.1 -4033.9	3848	10.2	93954.7 -4012.2	3938	10.0	94539.2 -4052.0	4028	9.2	95041.5 -4001.3
3759	9.9	93303.7 -4029.0	3849	9.9	93958.2 -4024.2	3939	10.3	94539.2 -4016.2	4029	9.9	95046.2 -4034.1
3760	10.4	93316.4 -4003.7	3850	9.6	93959.2 -4029.4	3940	9.4	94555.2 -4017.8	4030	10.3	95047.7 -4033.4
3761	10.0	93317.6 -4004.3	3851	10.2	94000.2 -4002.4	3941	10.2	94558.2 -4028.8	4031	10.0	95054.2 -4006.3
3762	10.0	93324.9 -4054.2	3852	9.7	94003.2 -4003.6	3942	9.4	94559.2 -4021.0	4032	8.2	95056.7 -4013.8
3763	9.8	93334.4 -4052.7	3853	10.3	94003.2 -4050.2	3943	10.0	94605.2 -4031.7	4033	9.1	95104.2 -4011.6
3764	9.2	93335.7 -4033.3	3854	10.0	94004.2 -4008.5	3944	9.6	94608.2 -4056.3	4034	10.3	95104.7 -4012.8
3765	9.8	93336.7 -4032.1	3855	8.4	94005.2 -4035.2	3945	9.4	94609.2 -4033.9	4035	9.9	95106.2 -4033.2
3766	9.4	93337.7 -4006.0	3856	9.1	94007.2 -4035.7	3946	10.3	94609.2 -4014.9	4036	10.2	95109.7 -4042.2
3767	8.8	93338.6 -4052.4	3857	9.0	94007.2 -4016.2	3947	10.3	94616.7 -4018.8	4037	10.3	95120.2 -4018.9
3768	10.0	93339.6 -4021.0	3858	10.0	94014.2 -4037.3	3948	10.3	94619.2 -4035.1	4038	10.0	95134.7 -4020.4

4039	8.6	95135.2	-4022.7	4129	9.6	95643.7	-4055.0	4219	9.8	100209.7	-4023.8	4309	9.1	101007.2	-4043.4
4040	10.0	95138.8	-4001.5	4130	9.5	95647.7	-4041.2	4220	10.6	100211.8	-4020.3	4310	10.6	101010.7	-4011.7
4041	10.2	95147.2	-4023.0	4131	10.0	95657.7	-4041.4	4221	10.2	100212.7	-4040.7	4311	10.4	101014.7	-4029.9
4042	10.3	95154.7	-4050.6	4132	9.2	95658.7	-4024.9	4222	10.6	100233.9	-4001.0	4312	10.2	101018.7	-4057.1
4043	9.9	95200.2	-4051.3	4133	9.1	95658.7	-4042.9	4223	10.0	100239.2	-4023.7	4313	10.4	101019.7	-4045.5
4044	9.4	95200.2	-4036.9	4134	9.6	95659.7	-4036.9	4224	9.4	100239.2	-4039.5	4314	10.0	101030.6	-4040.6
4045	9.9	95203.2	-4021.4	4135	9.2	95700.7	-4017.4	4225	10.6	100249.7	-4009.2	4315	10.6	101038.6	-4027.3
4046	9.4	95209.2	-4018.0	4136	10.3	95709.7	-4009.3	4226	10.6	100258.8	-4034.6	4316	10.6	101039.7	-4044.0
4047	10.3	95209.7	-4048.8	4137	10.3	95712.7	-4027.5	4227	10.6	100259.7	-4044.7	4317	10.6	101049.7	-4000.8
4048	9.8	95215.0	-4059.8	4138	9.7	95715.2	-4035.9	4228	9.9	100301.5	-4028.2	4318	10.6	101053.4	-4000.9
4049	10.0	95219.2	-4040.2	4139	10.3	95724.7	-4031.2	4229	10.6	100308.8	-4050.6	4319	10.0	101053.6	-4008.3
4050	10.3	95219.2	-4048.9	4140	10.2	95728.2	-4009.5	4230	10.6	100311.2	-4045.4	4320	10.6	101100.7	-4036.3
4051	10.2	95222.2	-4042.1	4141	9.0	95729.2	-4058.1	4231	9.8	100314.4	-4000.9	4321	9.9	101102.3	-4013.7
4052	10.2	95229.2	-4017.6	4142	10.2	95733.2	-4020.9	4232	10.6	100324.7	-4047.8	4322	10.6	101113.2	-4022.5
4053	10.3	95235.7	-4028.2	4143	10.3	95736.2	-4034.5	4233	10.0	100329.7	-4032.5	4323	9.4	101119.2	-4000.8
4054	9.7	95239.7	-4032.1	4144	10.0	95736.7	-4048.9	4234	10.6	100338.7	-4044.9	4324	9.0	101120.6	-4053.0
4055	9.7	95241.2	-4046.9	4145	10.0	95737.7	-4032.9	4235	9.0	100339.7	-4023.6	4325	9.9	101133.6	-4038.8
4056	9.7	95245.2	-4009.0	4146	10.2	95742.7	-4051.3	4236	9.8	100350.4	-4016.8	4326	10.6	101134.2	-4022.0
4057	10.3	95247.2	-4004.9	4147	10.0	95747.2	-4049.5	4237	10.6	100357.2	-4030.9	4327	10.4	101139.7	-4057.0
4058	10.2	95253.0	-4057.7	4148	10.3	95747.2	-4043.3	4238	10.2	100414.7	-4013.3	4328	10.0	101141.6	-4043.8
4059	9.6	95255.2	-4056.6	4149	10.2	95748.7	-4041.2	4239	10.0	100418.7	-4016.8	4329	8.2	101153.7	-4053.5
4060	9.6	95304.2	-4011.6	4150	9.9	95752.2	-4011.1	4240	10.0	100418.7	-4018.3	4330	10.6	101213.7	-4036.3
4061	9.9	95305.2	-4011.5	4151	10.2	95804.2	-4041.2	4241	10.2	100422.7	-4030.9	4331	9.4	101216.2	-4021.5
4062	9.7	95308.7	-4010.0	4152	10.2	95805.2	-4047.5	4242	10.0	100428.7	-4027.3	4332	9.4	101231.2	-4019.8
4063	10.3	95309.7	-4019.7	4153	9.4	95817.7	-4033.3	4243	10.0	100437.2	-4054.8	4333	9.8	101234.4	-4001.4
4064	10.3	95314.0	-4059.5	4154	10.3	95819.7	-4011.9	4244	9.4	100439.7	-4017.9	4334	9.9	101234.7	-4023.6
4065	10.0	95316.2	-4004.8	4155	10.3	95829.7	-4016.0	4245	9.9	100447.7	-4047.5	4335	10.6	101249.7	-4020.4
4066	10.2	95321.2	-4017.4	4156	10.2	95839.7	-4021.1	4246	10.4	100449.7	-4014.4	4336	10.2	101251.6	-4034.9
4067	9.9	95325.7	-4016.2	4157	10.0	95844.7	-4028.1	4247	10.6	100453.7	-4026.6	4337	10.6	101257.6	-4054.9
4068	9.9	95328.7	-4009.1	4158	10.3	95844.7	-4032.5	4248	10.2	100455.7	-4024.6	4338	10.6	101257.7	-4055.5
4069	10.3	95329.2	-4049.4	4159	8.4	95849.7	-4022.2	4249	10.6	100459.4	-4002.3	4339	9.9	101259.7	-4036.4
4070	10.2	95329.2	-4013.6	4160	9.9	95851.7	-4035.7	4250	10.4	100509.7	-4039.1	4340	9.9	101303.7	-4015.4
4071	10.2	95330.7	-4021.7	4161	10.3	95854.7	-4023.7	4251	8.9	100511.7	-4053.8	4341	9.6	101313.2	-4012.2
4072	9.9	95332.2	-4047.9	4162	9.0	95855.2	-4021.9	4252	10.6	100529.0	-4049.2	4342	10.6	101321.7	-4039.2
4073	9.9	95334.0	-4057.7	4163	10.3	95857.2	-4043.8	4253	10.6	100529.7	-4002.2	4343	10.6	101337.7	-4048.7
4074	8.4	95336.2	-4045.8	4164	10.3	95903.2	-4016.8	4254	10.6	100534.2	-4015.8	4344	10.0	101341.7	-4006.9
4075	10.0	95339.2	-4032.6	4165	10.2	95904.7	-4029.7	4255	10.6	100534.5	-4025.7	4345	9.5	101342.7	-4017.9
4076	10.2	95343.2	-4018.3	4166	9.8	95908.7	-4033.7	4256	10.4	100536.7	-4014.3	4346	9.9	101346.3	-4004.8
4077	9.8	95345.2	-4052.7	4167	9.7	95914.7	-4018.8	4257	9.8	100537.7	-4043.8	4347	10.6	101349.7	-4049.6
4078	10.2	95347.7	-4024.4	4168	10.3	95919.7	-4046.1	4258	10.6	100537.7	-4018.3	4348	10.2	101353.6	-4002.0
4079	9.6	95355.2	-4046.1	4169	9.7	95919.7	-4010.6	4259	10.0	100539.7	-4027.2	4349	10.2	101354.7	-4057.2
4080	10.3	95359.0	-4002.7	4170	10.0	95919.7	-4009.7	4260	10.2	100544.2	-4057.0	4350	10.2	101401.2	-4025.2
4081	9.9	95406.7	-4039.6	4171	9.9	95921.7	-4011.3	4261	8.4	100602.7	-4057.1	4351	10.6	101406.6	-4008.7
4082	10.0	95409.2	-4051.9	4172	9.9	95922.0	-4048.3	4262	10.6	100604.9	-4042.3	4352	10.4	101408.4	-4059.0
4083	10.3	95409.2	-4008.5	4173	9.4	95922.0	-4016.3	4263	10.0	100608.8	-4031.8	4353	10.6	101408.7	-4022.6
4084	9.5	95410.2	-4029.3	4174	10.3	95922.4	-4006.9	4264	9.8	100611.7	-4026.0	4354	10.0	101413.2	-4054.8
4085	10.2	95412.2	-4045.7	4175	9.9	95928.9	-4023.6	4265	10.2	100613.7	-4044.5	4355	10.6	101419.4	-4059.1
4086	9.9	95417.2	-4033.4	4176	9.4	95932.5	-4051.0	4266	10.4	100617.2	-4045.5	4356	10.4	101420.2	-4030.2
4087	10.2	95419.2	-4018.4	4177	9.5	95932.5	-4036.3	4267	7.9	100633.7	-4015.5	4357	10.2	101423.3	-4009.8
4088	9.7	95425.0	-4059.0	4178	10.3	95932.7	-4001.1	4268	10.6	100639.7	-4017.1	4358	10.6	101430.2	-4001.0
4089	9.9	95430.2	-4050.3	4179	9.5	95939.7	-4006.2	4269	9.4	100645.7	-4029.7	4359	10.6	101430.2	-4023.7
4090	10.0	95431.2	-4019.5	4180	10.2	95940.2	-4011.5	4270	9.9	100701.7	-4053.0	4360	9.9	101434.2	-4053.7
4091	10.2	95431.2	-4009.8	4181	9.6	95943.5	-4053.7	4271	10.6	100706.7	-4007.0	4361	10.6	101436.5	-4003.6
4092	10.3	95435.7	-4046.2	4182	10.3	95947.2	-4043.3	4272	9.1	100712.7	-4042.5	4362	10.6	101438.2	-4047.1
4093	9.9	95435.7	-4009.5	4183	9.7	95953.2	-4050.1	4273	10.6	100716.2	-4055.2	4363	9.7	101439.3	-4053.0
4094	10.3	95442.2	-4021.0	4184	10.3	100008.2	-4037.7	4274	10.6	100716.2	-4001.5	4364	10.6	101439.7	-4024.2
4095	9.6	95444.2	-4033.2	4185	10.0	100010.4	-4051.1	4275	10.4	100723.7	-4037.9	4365	10.0	101449.3	-4010.8
4096	9.7	95444.2	-4045.4	4186	9.9	100010.5	-4045.6	4276	10.4	100730.7	-4007.5	4366	10.6	101450.2	-4011.0
4097	9.8	95450.8	-4058.8	4187	10.6	100018.7	-4011.6	4277	10.6	100731.2	-4041.0	4367	9.5	101454.2	-4024.5
4098	10.0	95454.5	-4001.5	4188	10.4	100021.2	-4008.0	4278	10.2	100731.7	-4056.9	4368	10.4	101455.7	-4020.3
4099	10.0	95455.2	-4037.0	4189	10.6	100022.0	-4021.0	4279	8.4	100734.7	-4001.4	4369	10.4	101457.2	-4009.0
4100	10.3	95502.2	-4001.2	4190	9.9	100028.0	-4014.0	4280	10.6	100736.7	-4032.4	4370	10.4	101501.4	-4002.2
4101	10.0	95503.2	-4003.7	4191	10.2	100029.7	-4024.3	4281	10.6	100738.7	-4026.1	4371	9.9	101517.3	-4011.9
4102	9.6	95503.7	-4016.9	4192	10.4	100036.8	-4003.2	4282	10.4	100739.7	-4038.8	4372	10.4	101526.2	-4005.7
4103	10.3	95512.7	-4043.2	4193	9.7	100037.7	-4007.0	4283	10.4	100745.7	-4020.1	4373	10.4	101534.0	-4051.8
4104	10.3	95513.7	-4021.0	4194	10.2	100038.8	-4032.8	4284	10.6	100749.7	-4042.1	4374	9.4	101534.5	-4036.1
4105	8.8	95514.7	-4018.9	4195	8.4	100045.7	-4015.4	4285	10.6	100754.7	-4015.9	4375	9.1	101534.5	-4016.7
4106	10.3	95518.7	-4041.3	4196	10.6	100048.8	-4048.3	4286	9.6	100758.7	-4004.9	4376	10.0	101537.5	-4036.7
4107	9.4	95522.7	-4039.5	4197	9.1	100057.2	-4059.5	4287	9.7	100800.4	-4036.7	4377	10.0	101538.5	-4018.0
4108	10.3	95533.2	-4001.0	4198	10.6	100103.2	-4054.7	4288	10.0	100804.2	-4046.7	4378	9.7	101543.4	-4035.8
4109	9.6	95543.2	-4041.2	4199	10.6	100110.7	-4017.0	4289	10.6	100804.7	-4036.3	4379	10.6	101547.5	-4036.1
4110	9.6	95545.7	-4054.4	4200	9.5	100112.2	-4008.3	4290	9.5	100811.7	-4015.7	4380	10.0	101549.5	-4030.0
4111	9.0	95548.7	-4017.9	4201	10.4	100114.2	-4043.4	4291	9.9	100814.7	-4036.4	4381	9.0	101550.1	-4028.1
4112	10.3	95548.7	-4004.2	4202	10.6	100117.2	-4053.7	4292	10.2	100821.7	-4033.9	4382	10.6	101552.0	-4027.5
4113	9.6	95549.7	-4018.9	4203	9.8	100117.7	-4007.9	4293	8.8	100822.7	-4024.3	4383	9.7	101556.5	-4049.7
4114	8.4	95552.2	-4016.0	4204	10.4	100120.2	-4006.9	4294	10.4	100825.2	-4049.8	4384	10.6	101559.5	-4003.4
4115	10.2	95552.7	-4019.0	4205	9.7	100120.2	-4058.9	4295	10.0	100828.7	-4056.0	4385	9.7	101605.0	-4009.1
4116	9.9	95558.7	-4011.1	4206	10.6	100124.2	-4023.0	4296	10.4	100829.7	-4052.1	4386	10.6	101609.5	-4017.8
4117	9.4	95558.7	-4010.1	4207	10.6	100129.7	-4044.2	4297	10.4	100834.7	-4041.8	4387	9.8	101615.4	-4041.7
4118	9.6	95559.7	-4030.1	4208	10.6	100129.7	-4019.9	4298	10.6	100842.9	-4004.8	4388	10.6	101617.0	-4018.8
4119	9.6	95600.7	-4037.9	4209	9.7	100139.7	-4040.6	4299	9.9	100843.7	-4023.7	4389	10.0	101621.5	-4055.1
4120	10.2	95602.2	-4018.6	4210	8.6	100139.7	-4016.7	4300	10.4	100851.7	-4017.2	4390	9.9	101626.5	-4054.7
4121	9.9	95614.7	-4013.4	4211	10.6	100148.5	-4048.3	4301	10.6	100853.2	-4051.5	4391	10.6	101629.0	-4056.0
4122	10.3	95615.2	-4044.3	4212	8.0	100149.7	-4005.1	4302	10.0	100859.7	-4013.4	4392	10.4	101642.5	-4043.7
4123	9.9	95623.7	-4012.2	4213	9.2	100149.7	-4043.5	4303	9.8	100909.7	-4044.1	4393	9.4	101645.0	-4036.4
4124	10.3	95623.7	-4004.5	4214	10.6	100153.7	-4048.7	4304	10.4	100914.7	-4047.9	4394	10.2	101648.3	-4000.5
4125	10.3	95624.7	-4038.8	4215	10.6	100154.7	-4042.9	4305	10.6	100924.7	-4052.6	4395	10.2	101650.5	-4053.5
4126	9.4	95626.5	-4059.1	4216	10.4	100156.7	-4035.0	4306	10.6	100939.7	-4058.5	4396	10.0	101651.5	-4022.0
4127	9.2	95626.7	-4000.6	4217	10.0	100159.2	-4004.3	4307	10.6	100943.2	-4007.1	4397	10.2	101658.5	-4042.9
4128	9.9	95643.7	-4051.7	4218	9.4	100203.7	-4059.1	4308	9.9	100957.2	-4033.9	4398	10.4	101701.5	-4036.0

-40 4399 10h17m

-40 4758 10h43m

4399	9.1	101704.0	-4020.9	4489	9.8	102500.9	-4007.2	4579	9.6	103132.1	-4042.9	4669	10.3	103710.1	-4031.6
4400	10.4	101719.5	-4009.2	4490	10.4	102502.9	-4023.1	4580	9.3	103132.6	-4014.0	4670	9.8	103713.6	-4018.2
4401	9.4	101720.4	-4046.7	4491	10.6	102508.8	-4043.5	4581	10.2	103136.6	-4058.7	4671	10.3	103717.6	-4014.2
4402	10.4	101721.0	-4008.9	4492	10.0	102511.3	-4016.9	4582	10.2	103139.6	-4017.7	4672	10.3	103719.1	-4000.2
4403	10.0	101724.8	-4042.0	4493	10.0	102523.9	-4046.7	4583	10.1	103142.1	-4014.8	4673	9.8	103720.5	-4059.6
4404	10.0	101727.1	-4043.6	4494	10.6	102530.8	-4040.0	4584	10.3	103155.1	-4049.3	4674	9.8	103730.6	-4047.3
4405	9.2	101727.5	-4010.7	4495	10.0	102537.3	-4052.7	4585	10.3	103158.6	-4018.1	4675	10.3	103731.6	-4046.2
4406	10.2	101728.3	-4058.5	4496	10.6	102543.8	-4036.4	4586	10.3	103158.6	-4056.3	4676	9.2	103749.6	-4038.3
4407	10.4	101730.0	-4056.0	4497	10.6	102545.3	-4031.8	4587	10.3	103200.6	-4058.1	4677	9.9	103749.6	-4022.1
4408	10.4	101731.7	-4050.4	4498	9.5	102549.8	-4001.9	4588	9.9	103205.1	-4011.4	4678	10.3	103751.0	-4047.7
4409	10.6	101733.0	-4037.1	4499	9.8	102550.3	-4029.9	4589	9.0	103206.6	-4014.4	4679	10.3	103752.3	-4023.7
4410	10.0	101738.5	-4056.9	4500	10.6	102602.2	-4027.8	4590	9.6	103214.1	-4004.7	4680	10.2	103759.1	-4023.5
4411	9.2	101745.1	-4003.3	4501	10.6	102608.9	-4047.1	4591	9.9	103217.1	-4033.0	4681	10.3	103803.0	-4000.5
4412	10.2	101748.5	-4054.6	4502	8.4	102609.2	-4010.1	4592	10.3	103217.1	-4033.1	4682	9.9	103826.1	-4013.9
4413	8.4	101752.5	-4003.8	4503	9.9	102609.8	-4014.0	4593	10.3	103219.6	-4014.7	4683	9.9	103829.6	-4009.5
4414	10.4	101753.0	-4050.1	4504	9.4	102611.3	-4027.9	4594	9.6	103221.6	-4043.3	4684	9.8	103833.6	-4036.6
4415	10.6	101759.5	-4006.2	4505	10.6	102613.0	-4024.4	4595	10.3	103227.6	-4018.9	4685	10.2	103834.4	-4000.2
4416	9.4	101801.0	-4016.3	4506	10.4	102619.6	-4049.4	4596	10.1	103236.6	-4010.6	4686	9.5	103848.6	-4028.8
4417	10.6	101814.6	-4015.0	4507	10.6	102619.6	-4048.3	4597	10.3	103240.5	-4006.9	4687	9.8	103849.6	-4025.3
4418	10.2	101826.1	-4019.7	4508	9.9	102625.8	-4055.4	4598	8.5	103240.6	-4025.0	4688	10.0	103851.1	-4036.4
4419	10.0	101829.3	-4059.2	4509	10.6	102627.3	-4047.0	4599	10.2	103245.3	-4011.2	4689	9.4	103858.1	-4047.0
4420	9.0	101832.6	-4045.0	4510	9.7	102632.0	-4006.1	4600	10.3	103248.1	-4044.5	4690	10.0	103859.6	-4055.6
4421	10.2	101833.1	-4016.6	4511	10.6	102641.7	-4032.0	4601	10.1	103249.6	-4025.2	4691	10.3	103902.3	-4051.3
4422	9.8	101834.1	-4022.0	4512	10.6	102641.8	-4040.9	4602	9.9	103300.6	-4053.7	4692	10.1	103905.6	-4002.9
4423	9.9	101834.4	-4028.4	4513	10.6	102646.7	-4000.1	4603	10.3	103301.6	-4037.7	4693	10.1	103907.6	-4003.6
4424	10.4	101839.1	-4053.0	4514	9.4	102650.8	-4008.0	4604	10.3	103304.1	-4055.2	4694	9.1	103909.6	-4038.2
4425	9.4	101840.6	-4028.4	4515	10.2	102651.8	-4057.4	4605	9.8	103304.6	-4055.9	4695	10.3	103910.6	-4029.5
4426	10.2	101844.1	-4053.1	4516	10.0	102658.6	-4017.0	4606	10.2	103309.1	-4034.7	4696	9.8	103917.6	-4007.2
4427	10.4	101845.6	-4039.8	4517	9.2	102658.6	-4000.0	4607	10.1	103310.6	-4035.5	4697	10.3	103923.5	-4025.0
4428	10.6	101851.1	-4051.6	4518	10.2	102659.3	-4003.0	4608	10.3	103311.6	-4007.5	4698	10.3	103925.1	-4028.7
4429	9.2	101900.1	-4059.2	4519	9.6	102704.9	-4026.0	4609	8.0	103315.1	-4001.4	4699	10.3	103932.1	-4027.3
4430	10.0	101909.1	-4004.1	4520	9.6	102705.1	-4057.5	4610	9.9	103318.1	-4033.3	4700	9.4	103932.1	-4037.4
4431	7.7	101910.1	-4030.4	4521	10.3	102709.5	-4052.3	4611	9.8	103320.6	-4000.5	4701	9.1	103943.1	-4016.5
4432	9.9	101911.6	-4044.0	4522	9.9	102710.4	-4039.1	4612	10.3	103330.1	-4027.1	4702	10.0	103954.6	-4011.1
4433	10.6	101913.1	-4004.5	4523	9.6	102719.1	-4058.1	4613	9.3	103332.6	-4033.5	4703	10.1	104001.1	-4036.6
4434	10.0	101914.1	-4030.8	4524	10.2	102719.2	-4048.7	4614	9.6	103337.6	-4028.3	4704	10.0	104002.5	-4047.1
4435	9.9	101920.1	-4033.4	4525	10.0	102721.1	-4050.7	4615	10.1	103338.1	-4022.3	4705	10.2	104004.6	-4004.1
4436	10.6	101927.1	-4035.6	4526	10.3	102724.1	-4041.7	4616	10.3	103351.6	-4038.1	4706	8.0	104007.6	-4050.4
4437	8.4	101938.1	-4059.5	4527	9.6	102728.6	-4007.7	4617	10.3	103353.5	-4030.9	4707	10.3	104007.6	-4051.9
4438	10.6	101941.1	-4029.6	4528	9.4	102730.1	-4021.4	4618	10.1	103359.6	-4021.1	4708	10.2	104011.5	-4028.1
4439	10.2	101945.1	-4044.7	4529	9.7	102739.6	-4004.2	4619	9.5	103401.6	-4041.6	4709	8.1	104013.6	-4018.9
4440	10.4	101949.1	-4024.8	4530	10.3	102741.1	-4040.0	4620	9.4	103402.1	-4053.5	4710	10.3	104016.1	-4030.0
4441	9.4	101951.6	-4036.9	4531	10.3	102742.2	-4057.4	4621	10.2	103409.6	-4031.1	4711	10.0	104019.6	-4026.0
4442	10.4	102002.1	-4035.6	4532	9.8	102748.2	-4022.0	4622	10.3	103416.1	-4045.0	4712	9.9	104019.6	-4038.0
4443	10.4	102014.1	-4051.9	4533	9.8	102749.6	-4053.8	4623	9.7	103418.1	-4036.6	4713	10.1	104027.1	-4028.7
4444	8.6	102022.1	-4022.4	4534	9.5	102754.6	-4032.4	4624	10.3	103420.5	-4021.9	4714	9.7	104036.6	-4017.4
4445	10.4	102036.1	-4003.8	4535	10.3	102755.6	-4047.2	4625	10.3	103420.6	-4034.6	4715	8.0	104039.6	-4048.4
4446	10.6	102038.1	-4055.6	4536	10.3	102759.1	-4004.1	4626	8.7	103420.6	-4024.6	4716	10.2	104043.1	-4008.1
4447	10.0	102043.6	-4002.7	4537	9.9	102807.5	-4012.5	4627	10.3	103421.6	-4056.1	4717	10.1	104043.6	-4007.9
4448	9.7	102044.6	-4012.9	4538	9.6	102809.6	-4026.1	4628	10.3	103425.1	-4047.6	4718	10.0	104045.1	-4028.8
4449	10.6	102053.1	-4041.6	4539	10.3	102809.6	-4043.3	4629	9.4	103431.1	-4010.3	4719	10.1	104051.3	-4059.5
4450	9.9	102054.1	-4000.1	4540	10.3	102819.2	-4009.2	4630	8.6	103438.1	-4005.3	4720	9.6	104054.6	-4030.1
4451	10.0	102055.1	-4023.4	4541	10.3	102823.9	-4056.2	4631	10.0	103439.6	-4005.7	4721	8.6	104100.6	-4039.9
4452	10.0	102103.1	-4030.5	4542	9.5	102829.2	-4021.6	4632	9.6	103445.0	-4002.1	4722	9.6	104101.6	-4017.1
4453	8.9	102117.1	-4032.4	4543	8.8	102830.6	-4001.8	4633	10.2	103446.6	-4027.1	4723	10.3	104105.4	-4021.3
4454	9.7	102120.8	-4012.4	4544	10.1	102831.1	-4027.8	4634	10.3	103452.6	-4037.7	4724	10.1	104106.1	-4004.5
4455	10.2	102134.5	-4044.9	4545	10.3	102839.6	-4003.1	4635	9.3	103459.6	-4019.5	4725	9.5	104111.6	-4011.9
4456	8.2	102138.9	-4031.0	4546	9.7	102842.1	-4044.3	4636	10.3	103507.6	-4009.5	4726	10.0	104116.6	-4026.7
4457	10.0	102153.0	-4052.9	4547	10.1	102851.6	-4010.9	4637	10.3	103510.1	-4024.4	4727	10.3	104119.1	-4019.7
4458	10.6	102159.4	-4032.6	4548	10.1	102857.6	-4031.7	4638	10.3	103511.1	-4029.1	4728	9.8	104127.1	-4014.1
4459	9.5	102200.9	-4058.0	4549	8.7	102859.6	-4042.1	4639	9.6	103525.1	-4011.9	4729	8.9	104132.6	-4038.8
4460	10.6	102221.4	-4045.3	4550	10.3	102909.4	-4058.3	4640	10.3	103532.6	-4044.0	4730	9.8	104138.6	-4012.6
4461	9.8	102229.9	-4017.2	4551	9.8	102909.6	-4001.8	4641	8.6	103538.1	-4005.3	4731	9.6	104148.1	-4022.7
4462	9.4	102242.0	-4034.3	4552	10.2	102911.6	-4050.5	4642	9.3	103542.1	-4014.5	4732	9.2	104149.6	-4045.1
4463	10.6	102255.0	-4036.9	4553	10.2	102918.6	-4056.6	4643	10.3	103542.6	-4014.0	4733	10.1	104159.6	-4051.1
4464	9.4	102305.9	-4056.7	4554	10.0	102922.2	-4041.3	4644	10.0	103548.1	-4039.3	4734	10.3	104209.6	-4043.3
4465	10.6	102306.9	-4055.8	4555	9.7	102925.2	-4041.2	4645	10.0	103549.6	-4036.3	4735	9.8	104210.6	-4048.7
4466	10.6	102310.9	-4010.2	4556	10.2	102928.6	-4000.3	4646	10.3	103554.6	-4037.1	4736	9.6	104219.1	-4054.3
4467	10.2	102324.0	-4029.0	4557	8.3	102929.6	-4023.2	4647	9.4	103555.5	-4040.7	4737	10.0	104221.1	-4032.5
4468	10.6	102328.9	-4002.0	4558	10.3	102935.1	-4001.0	4648	10.0	103555.6	-4027.8	4738	9.2	104223.5	-4028.7
4469	9.9	102334.2	-4000.9	4559	9.5	102935.5	-4037.1	4649	10.0	103558.6	-4022.3	4739	10.3	104229.4	-4037.0
4470	10.0	102341.4	-4043.8	4560	9.9	102941.6	-4021.0	4650	10.3	103601.5	-4036.9	4740	10.2	104229.6	-4043.5
4471	10.0	102346.9	-4035.1	4561	9.9	102951.9	-4057.0	4651	10.3	103610.6	-4027.4	4741	10.3	104234.4	-4030.3
4472	10.6	102354.3	-4059.1	4562	10.3	102959.2	-4005.1	4652	10.3	103612.1	-4020.7	4742	9.8	104239.6	-4022.7
4473	10.4	102355.4	-4055.2	4563	10.2	103009.6	-4044.5	4653	9.8	103615.1	-4016.3	4743	10.3	104249.6	-4029.7
4474	7.4	102357.9	-4019.3	4564	9.6	103011.1	-4004.0	4654	9.9	103620.9	-4058.7	4744	9.0	104240.7	-4037.1
4475	9.4	102407.4	-4041.5	4565	9.0	103018.6	-4042.1	4655	8.0	103621.6	-4002.4	4745	10.1	104254.7	-4057.2
4476	9.9	102408.4	-4031.8	4566	9.6	103020.5	-4038.8	4656	9.8	103621.6	-4020.7	4746	10.2	104257.9	-4047.1
4477	10.6	102408.9	-4045.4	4567	9.4	103020.6	-4008.6	4657	10.2	103627.1	-4047.8	4747	10.0	104259.5	-4046.0
4478	10.4	102413.9	-4019.0	4568	9.2	103024.6	-4019.3	4658	10.2	103634.1	-4020.9	4748	9.8	104302.6	-4014.1
4479	10.4	102419.0	-4006.0	4569	9.5	103032.1	-4009.2	4659	9.4	103639.6	-4055.9	4749	10.3	104312.0	-4047.5
4480	9.8	102419.9	-4040.5	4570	10.3	103040.3	-4017.5	4660	10.3	103642.1	-4055.7	4750	8.8	104314.9	-4046.9
4481	10.4	102423.9	-4004.9	4571	10.2	103041.6	-4046.5	4661	9.4	103647.1	-4022.1	4751	10.0	104328.0	-4028.1
4482	9.6	102428.9	-4023.8	4572	9.8	103047.1	-4028.5	4662	9.9	103657.6	-4042.3	4752	10.3	104329.5	-4044.3
4483	10.6	102434.2	-4049.3	4573	9.7	103059.6	-4040.8	4663	10.3	103659.3	-4014.8	4753	9.8	104338.9	-4027.5
4484	10.0	102435.4	-4027.6	4574	9.6	103109.6	-4032.8	4664	10.0	103659.6	-4027.5	4754	10.0	104340.5	-4020.5
4485	10.0	102436.9	-4025.8	4575	10.3	103111.6	-4016.7	4665	10.0	103702.1	-4008.1	4755	10.3	104344.0	-4000.9
4486	9.9	102438.9	-4038.5	4576	10.3	103118.1	-4010.2	4666	10.1	103705.6	-4042.8	4756	9.7	104344.9	-4016.6
4487	10.6	102455.9	-4045.6	4577	7.7	103127.6	-4041.5	4667	10.0	103708.6	-4008.6	4757	8.6	104353.0	-4055.6
4488	10.2	102455.9	-4025.7	4578	9.4	103130.6	-4005.5	4668	10.3	103709.6	-4018.6	4758	10.2	104354.6	-4050.5

-40 4759 10h43m

-40 5118 11h16m

4759	10.3	104354.9	-4004.7	4849	10.2	105034.3	-4010.6	4939	10.6	105909.4	-4039.0
4760	10.3	104358.1	-4001.9	4850	9.7	105039.8	-4038.4	4940	10.6	105911.4	-4034.3
4761	9.7	104405.6	-4021.8	4851	10.2	105044.8	-4057.7	4941	10.3	105916.9	-4011.6
4762	9.6	104409.5	-4010.3	4852	10.2	105048.9	-4040.0	4942	10.5	105926.9	-4051.4
4763	10.0	104411.4	-4025.5	4853	10.2	105050.8	-4009.3	4943	10.3	105927.4	-4029.1
4764	10.3	104415.5	-4009.1	4854	9.8	105056.3	-4021.8	4944	10.6	105927.4	-4038.4
4765	10.2	104419.5	-4014.4	4855	10.3	105057.3	-4031.8	4945	10.6	105946.5	-4046.1
4766	10.3	104421.4	-4017.4	4856	10.3	105058.8	-4042.1	4946	9.2	105950.4	-4012.8
4767	8.3	104424 0	-4017.4	4857	10.3	105059.8	-4001.0	4947	10.6	105958.4	-4053.0
4768	9.8	104428.5	-4035.8	4858	10.3	105103.9	-4010.7	4948	10.6	110001.2	-4050.9
4769	9.9	104429.0	-4043.2	4859	10.0	105113.8	-4003.9	4949	10.6	110019.4	-4039.0
4770	10.1	104429.1	-4057.3	4860	10.3	105115.8	-4030.8	4950	10.6	110022.4	-4028.2
4771	10.3	104447.0	-4052.4	4861	8.3	105140.8	-4018.0	4951	10.6	110028.9	-4030.0
4772	9.8	104451.6	-4055.4	4862	10.0	105142.3	-4053.3	4952	10.0	110033.9	-4027.8
4773	9.8	104451.9	-4041.1	4863	9.7	105152.3	-4050.6	4953	9.6	110039.4	-4013.1
4774	10.3	104454.5	-4008.7	4864	8.3	105152.3	-4027.7	4954	10.5	110051.4	-4014.2
4775	9.5	104455.9	-4032.0	4865	8.7	105158.6	-4038.7	4955	9.9	110051.4	-4032.4
4776	9.4	104455.9	-4032.2	4866	10.3	105207.1	-4043.3	4956	10.0	110052.9	-4045.8
4777	9.9	104505.9	-4014.8	4867	10.3	105225.8	-4052.1	4957	10.0	110055.2	-4041.4
4778	10.2	104509.0	-4036.7	4868	9.0	105237.8	-4016.7	4958	9.0	110055.2	-4018.5
4779	9.7	104509.9	-4020.2	4869	10.3	105237.8	-4058.6	4959	10.3	110057.9	-4028.2
4780	9.3	104516.0	-4009.1	4870	9.4	105246.8	-4012.5	4960	10.6	110110.4	-4039.7
4781	10.3	104519.5	-4005.9	4871	10.2	105247.4	-4033.5	4961	10.6	110113.4	-4037.6
4782	9.4	104519.9	-4012.1	4872	10.4	105259.4	-4010.8	4962	10.2	110119.4	-4014.3
4783	9.1	104523.0	-4011.1	4873	7.8	105300.2	-4054.1	4963	10.2	110122.2	-4005.9
4784	10.3	104529.0	-4040.2	4874	10.0	105328.4	-4025.9	4964	8.0	110123.5	-4046.8
4785	10.3	104532.9	-4035.1	4875	10.0	105329.7	-4058.7	4965	10.6	110131.9	-4012.7
4786	9.3	104539.0	-4039.6	4876	10.6	105336.3	-4038.3	4966	10.6	110132.4	-4016.7
4787	9.9	104539.5	-4005.1	4877	10.3	105339.6	-4059.2	4967	10.4	110132.9	-4049.3
4788	9.6	104539.8	-4046.4	4878	9.5	105346.5	-4041.4	4968	10.3	110145.2	-4013.1
4789	10.1	104540.5	-4047.3	4879	9.3	105347.4	-4050.3	4969	9.0	110155.9	-4026.5
4790	10.2	104542.8	-4020.6	4880	10.0	105351.9	-4034.0	4970	10.2	110159.9	-4026.9
4791	10.3	104545.3	-4036.7	4881	10.6	105402.4	-4013.8	4971	10.5	110204.4	-4049.8
4792	10.3	104549.3	-4049.7	4882	8.8	105410.9	-4044.2	4972	8.6	110209.4	-4015.5
4793	9.2	104559.3	-4012.0	4883	10.0	105415.2	-4002.4	4973	10.0	110214.4	-4054.1
4794	10.3	104559.8	-4033.9	4884	10.4	105425.4	-4006.3	4974	9.5	110214.4	-4014.2
4795	10.3	104607.8	-4004.2	4885	10.2	105431.9	-4007.2	4975	10.4	110226.9	-4054.9
4796	9.0	104609.3	-4028.1	4886	10.6	105435.4	-4011.6	4976	9.4	110233.5	-4052.2
4797	9.3	104610.8	-4052.4	4887	10.0	105439.7	-4001.7	4977	9.5	110234.4	-4033.0
4798	10.2	104614.3	-4003.1	4888	10.6	105446.4	-4019.8	4978	10.0	110234.4	-4046.6
4799	8.6	104614.8	-4027.2	4889	10.0	105449.4	-4038.8	4979	10.6	110239.6	-4041.0
4800	10.2	104620.5	-4043.6	4890	10.6	105449.4	-4015.8	4980	10.5	110240.4	-4034.5
4801	9.3	104623.8	-4052.2	4891	9.6	105511.4	-4014.2	4981	9.3	110242.4	-4048.1
4802	10.3	104626.8	-4056.6	4892	10.6	105522.2	-4018.6	4982	10.0	110243.4	-4049.6
4803	10.3	104641.3	-4001.0	4893	10.6	105531.4	-4028.2	4983	10.5	110243.9	-4009.2
4804	9.2	104650.8	-4010.7	4894	10.2	105536.9	-4004.0	4984	10.3	110249.4	-4054.6
4805	8.8	104708.3	-4042.1	4895	10.0	105543.4	-4025.4	4985	9.5	110305.4	-4015.3
4806	10.2	104713.3	-4026.5	4896	10.5	105545.4	-4051.1	4986	10.6	110317.9	-4002.9
4807	9.4	104714.8	-4011.6	4897	10.5	105548.4	-4038.3	4987	9.6	110320.9	-4047.5
4808	10.0	104716.8	-4033.2	4898	10.3	105549.5	-4028.5	4988	10.6	110329.4	-4047.5
4809	10.3	104718.8	-4057.8	4899	10.0	105559.4	-4026.1	4989	10.0	110329.4	-4019.7
4810	9.5	104720.8	-4037.9	4900	10.3	105559.4	-4047.9	4990	9.6	110338.7	-4002.0
4811	9.8	104724.8	-4047.1	4901	10.3	105559.4	-4027.8	4991	9.9	110340.9	-4043.7
4812	9.7	104725.8	-4022.7	4902	10.0	105601.4	-4009.4	4992	10.2	110402.9	-4028.7
4813	9.6	104727.8	-4017.0	4903	10.3	105609.7	-4000.0	4993	9.5	110404.4	-4002.5
4814	9.7	104729.5	-4000.6	4904	10.5	105613.0	-4023.7	4994	10.6	110418.4	-4002.8
4815	10.3	104739.3	-4034.6	4905	10.0	105615.4	-4056.5	4995	10.4	110421.4	-4026.0
4816	9.6	104746.8	-4015.3	4906	9.9	105623.4	-4051.0	4996	10.6	110423.4	-4006.1
4817	10.0	104749.3	-4008.4	4907	10.2	105625.5	-4001.3	4997	9.5	110431.4	-4014.0
4818	10.1	104754.8	-4004.0	4908	7.7	105627.9	-4026.4	4998	10.6	110431.9	-4002.6
4819	10.3	104815.8	-4056.0	4909	10.6	105635.4	-4004.8	4999	10.6	110432.4	-4006.5
4820	10.0	104825.8	-4036.3	4910	10.6	105641.4	-4031.3	5000	10.5	110437.4	-4025.0
4821	10.3	104826.5	-4033.7	4911	9.8	105646.4	-4059.9	5001	8.3	110439.4	-4057.5
4822	10.3	104829.8	-4033.7	4912	8.6	105649.4	-4014.1	5002	9.6	110440.4	-4031.1
4823	10.2	104831.8	-4037.6	4913	10.0	105700.4	-4015.5	5003	8.4	110515.4	-4054.6
4824	10.3	104834.8	-4007.4	4914	9.6	105703.9	-4012.4	5004	10.0	110521.4	-4043.8
4825	9.8	104835.3	-4052.4	4915	10.6	105710.2	-4008.2	5005	9.4	110533.9	-4029.5
4826	9.8	104840.5	-4038.6	4916	8.6	105718.4	-4022.3	5006	8.4	110543.6	-4059.2
4827	10.3	104840.8	-4044.9	4917	10.0	105726.5	-4035.6	5007	9.8	110549.4	-4040.2
4828	10.3	104847.8	-4054.5	4918	9.4	105740.4	-4049.5	5008	10.5	110605.2	-4049.1
4829	10.0	104853.8	-4015.9	4919	9.5	105742.4	-4041.3	5009	9.8	110607.9	-4039.6
4830	9.3	104857.0	-4002.4	4920	10.0	105747.4	-4047.3	5010	10.2	110626.9	-4027.0
4831	10.3	104859.8	-4034.5	4921	10.5	105749.4	-4037.1	5011	10.6	110630.4	-4032.4
4832	9.8	104859.8	-4038.5	4922	8.4	105751.4	-4025.9	5012	8.8	110633.4	-4038.5
4833	9.7	104906.8	-4030.7	4923	10.2	105756.5	-4052.8	5013	10.6	110635.4	-4055.7
4834	10.1	104906.8	-4029.3	4924	10.2	105759.4	-4055.8	5014	10.6	110636.1	-4035.0
4835	9.7	104911.0	-4002.0	4925	9.3	105759.4	-4030.9	5015	10.6	110640.2	-4018.5
4836	10.3	104919.3	-4021.0	4926	9.8	105759.4	-4011.4	5016	10.4	110641.4	-4034.9
4837	10.3	104929.8	-4035.5	4927	9.0	105807.9	-4057.5	5017	10.6	110645.9	-4036.5
4838	9.6	104933.8	-4016.0	4928	9.3	105808.4	-4043.9	5018	9.8	110654.4	-4051.1
4839	9.8	104939.3	-4015.1	4929	10.0	105811.4	-4005.5	5019	10.3	110659.4	-4037.2
4840	10.0	104939.8	-4029.4	4930	9.9	105820.4	-4048.0	5020	10.6	110702.4	-4004.1
4841	10.0	104946.7	-4056.5	4931	10.5	105836.4	-4034.2	5021	10.3	110709.4	-4054.9
4842	9.5	104948.8	-4003.9	4932	10.2	105839.4	-4043.5	5022	10.6	110709.9	-4036.1
4843	9.9	105010.5	-4020.1	4933	10.6	105841.4	-4056.2	5023	9.9	110710.0	-4054.5
4844	10.3	105017.8	-4052.8	4934	10.6	105851.6	-4057.0	5024	9.9	110710.4	-4039.8
4845	10.3	105019.3	-4051.3	4935	10.3	105853.9	-4053.3	5025	10.5	110723.0	-4052.0
4846	8.7	105020.8	-4032.0	4936	10.6	105900.6	-4007.9	5026	9.0	110728.9	-4034.9
4847	9.6	105021.8	-4049.5	4937	8.7	105901.4	-4058.3	5027	10.0	110734.0	-4031.1
4848	9.3	105024.8	-4053.8	4938	10.2	105902.9	-4054.0	5028	10.4	110737.4	-4050.9
5029	8.4	110739.4	-4058.8								
5030	10.3	110741.9	-4014.0								
5031	10.5	110747.0	-4018.5								
5032	10.6	110747.4	-4021.3								
5033	9.0	110758.9	-4033.8								
5034	10.0	110803.9	-4030.1								
5035	10.3	110805.9	-4031.1								
5036	9.9	110807.0	-4026.1								
5037	10.6	110814.4	-4027.2								
5038	10.6	110817.4	-4057.2								
5039	10.6	110820.7	-4052.3								
5040	8.8	110825.9	-4057.3								
5041	9.3	110829.4	-4047.9								
5042	8.8	110839.4	-4012.8								
5043	10.0	110843.9	-4032.5								
5044	10.6	110844.9	-4056.3								
5045	10.0	110846.0	-4053.9								
5046	9.6	110849.9	-4016.0								
5047	10.6	110858.3	-4034.9								
5048	10.5	110918.4	-4004.7								
5049	9.1	110919.4	-4003.1								
5050	10.5	110927.0	-4054.1								
5051	10.5	110931.4	-4056.2								
5052	10.4	110932.4	-4034.6								
5053	8.0	110935.0	-4022.4								
5054	8.1	110935.3	-4049.7								
5055	10.0	110936.9	-4027.0								
5056	9.9	111000.9	-4031.7								
5057	7.5	111012.9	-4020.3								
5058	10.6	111014.4	-4049.4								
5059	10.2	111024.9	-4011.9								
5060	9.0	111026.0	-4009.1								
5061	10.6	111027.9	-4043.8								
5062	9.8	111031.4	-4029.5								
5063	9.4	111038.3	-4048.7								
5064	10.6	111040.9	-4023.2								
5065	10.6	111043.3	-4041.1								
5066	10.5	111046.9	-4055.0								
5067	9.3	111052.4	-4029.0								
5068	9.4	111054.4	-4053.0								
5069	7.3	111116.9	-4042.5								
5070	9.9	111125.4	-4027.0								
5071	9.9	111126.6	-4002.7								
5072	10.0	111129.4	-4041.2								
5073	9.0	111138.0	-4019.5								
5074	10.3	111140.9	-4056.8								
5075	10.6	111152.9	-4024.4								
5076	9.8	111153.9	-4014.9								
5077	10.5	111215.0	-4042.9								
5078	9.2	111218.9	-4047.4								
5079	9.8	111220.4	-4038.6								
5080	10.4	111243.0	-4030.2								
5081	10.6	111254.4	-4035.7								
5082	10.4	111259.4	-4018.9								
5083	10.2	111259.6	-4002.5								
5084	10.4	111304.4	-4037.1								
5085	10.0	111307.4	-4003.5								
5086	10.0	111309.4	-4013.0								
5087	10.6	111313.9	-4002.1								
5088	10.6	111318.5	-4041.7								
5089	10.2	111320.4	-4002.1								
5090	8.6	111331.4	-4049.5								
5091	10.5	111336.0	-4004.1								
5092	10.6	111348.9	-4011.9								
5093	10.0	111354.1	-4001.2								
5094	10.4	111359.4	-4052.9								
5095	10.5	111405.0	-4028.1								
5096	9.4	111414.4	-4034.1								
5097	10.3	111421.4	-4007.1								
5098	9.4	111424.2	-4000.8								
5099	10.5	111430.9	-4038.7								
5100	10.5	111431.9	-4000.3								
5101	8.6	111434.0	-4016.3								
5102	10.0	111441.4	-4047.7								
5103	10.3	111441.9	-4022.0								
5104	10.6	111444.4	-4045.3								
5105	9.6	111447.4	-4030.7								
5106	10.6	111453.4	-4016.4								
5107	10.6	111501.4	-4036.3								
5108	9.9	111506.3	-4059.7								
5109	10.6	111509.4	-4038.2								
5110	10.0	111509.4	-4014.6								
5111	10.2	111514.4	-4053.0								
5112	10.2	111515.0	-4051.6								
5113	10.2	111517.4	-4042.4								
5114	10.6	111531.4	-4008.0								
5115	10.0	111546.7	-4059.6								
5116	9.9	111555.9	-4018.8								
5117	9.4	111603.0	-4048.8								
5118	10.3	111609.9	-4005.3								

5119	10.2	111615.9	-4015.0	5209	10.4	112457.4	-4044.0	5299	9.8	113351.5	-4035.8
5120	10.6	111619.2	-4036.0	5210	10.2	112510.4	-4006.2	5300	10.4	113400.5	-4007.0
5121	10.0	111624.0	-4020.2	5211	10.0	112514.5	-4056.1	5301	10.0	113404.5	-4054.6
5122	10.2	111629.4	-4018.1	5212	8.2	112521.4	-4051.5	5302	10.4	113409.5	-4023.8
5123	10.5	111630.4	-4007.0	5213	10.0	112526.9	-4038.2	5303	10.6	113410.5	-4024.6
5124	10.2	111638.0	-4052.4	5214	10.6	112530.9	-4011.0	5304	10.6	113416.0	-4055.1
5125	10.6	111638.0	-4035.7	5215	9.3	112533.7	-4047.7	5305	10.6	113419.5	-4020.0
5126	10.2	111649.4	-4018.9	5216	10.4	112536.0	-4057.9	5306	10.6	113421.5	-4032.5
5127	10.2	111656.3	-4025.1	5217	10.6	112538.5	-4035.3	5307	10.0	113433.0	-4017.4
5128	10.0	111659.4	-4013.7	5218	10.2	112546.4	-4043.6	5308	9.9	113441.5	-4015.0
5129	10.6	111706.9	-4039.1	5219	10.6	112546.7	-4050.7	5309	10.6	113441.5	-4026.5
5130	10.6	111708.4	-4030.7	5220	10.0	112559.4	-4035.6	5310	10.0	113443.5	-4017.0
5131	10.0	111709.4	-4007.1	5221	10.6	112602.4	-4025.5	5311	10.6	113449.5	-4045.1
5132	10.0	111711.4	-4041.8	5222	10.0	112647.5	-4035.7	5312	8.3	113455.5	-4011.5
5133	9.9	111714.7	-4041.4	5223	10.6	112705.5	-4034.2	5313	10.4	113455.6	-4057.7
5134	9.9	111715.0	-4030.2	5224	10.6	112710.5	-4015.5	5314	9.1	113501.5	-4008.4
5135	9.8	111718.9	-4042.9	5225	10.4	112718.5	-4039.5	5315	10.2	113501.5	-4038.2
5136	10.2	111731.4	-4057.3	5226	10.6	112719.4	-4035.3	5316	10.6	113507.5	-4038.2
5137	10.2	111746.9	-4033.4	5227	9.3	112723.5	-4044.6	5317	10.4	113509.0	-4003.0
5138	10.0	111747.7	-4057.6	5228	10.0	112725.4	-4011.1	5318	10.0	113510.5	-4017.0
5139	9.5	111749.9	-4054.8	5229	10.6	112729.4	-4001.6	5319	7.8	113514.0	-4019.2
5140	9.9	111759.4	-4059.0	5230	10.0	112729.9	-4014.1	5320	10.2	113514.4	-4000.4
5141	10.6	111800.9	-4044.1	5231	10.0	112730.0	-4058.3	5321	10.6	113515.4	-4059.9
5142	9.4	111802.4	-4036.3	5232	10.6	112734.5	-4005.7	5322	10.0	113520.5	-4054.6
5143	10.6	111803.4	-4018.2	5233	10.4	112739.4	-4033.0	5323	10.2	113521.5	-4034.6
5144	10.2	111829.4	-4050.9	5234	10.2	112742.7	-4047.1	5324	10.2	113524.5	-4048.8
5145	10.0	111830.0	-4019.5	5235	8.6	112745.7	-4035.7	5325	10.0	113541.5	-4052.8
5146	10.6	111832.4	-4049.0	5236	9.0	112747.4	-4053.5	5326	10.6	113541.5	-4006.0
5147	10.5	111836.5	-4019.2	5237	10.6	112748.5	-4006.7	5327	10.4	113546.5	-4039.8
5148	10.5	111837.0	-4022.8	5238	8.9	112750.4	-4017.5	5328	10.4	113601.5	-4030.0
5149	10.6	111840.4	-4020.6	5239	10.4	112751.9	-4046.0	5329	10.6	113609.5	-4050.6
5150	10.6	111846.5	-4054.5	5240	10.6	112809.4	-4020.4	5330	10.4	113611.5	-4022.4
5151	10.0	111849.0	-4025.5	5241	7.8	112809.4	-4027.7	5331	10.6	113613.3	-4059.9
5152	10.6	111851.4	-4032.0	5242	10.6	112811.4	-4039.4	5332	9.5	113616.5	-4039.1
5153	10.6	111859.0	-4054.0	5243	10.4	112826.4	-4021.3	5333	10.2	113624.0	-4003.9
5154	10.2	111859.4	-4011.0	5244	10.2	112830.2	-4022.3	5334	9.2	113633.5	-4025.1
5155	10.6	111901.4	-4032.8	5245	10.6	112849.4	-4038.8	5335	10.0	113636.5	-4048.1
5156	10.0	111903.0	-4054.6	5246	10.6	112910.4	-4025.0	5336	9.9	113641.5	-4014.5
5157	10.2	111918.0	-4049.6	5247	10.6	112918.5	-4007.3	5337	10.0	113645.0	-4009.4
5158	9.2	111919.4	-4036.7	5248	9.8	112919.5	-4052.7	5338	10.6	113649.5	-4018.8
5159	10.3	111925.0	-4009.7	5249	10.6	112919.5	-4046.1	5339	9.9	113649.5	-4038.0
5160	9.2	111926.4	-4002.4	5250	9.3	112919.5	-4046.2	5340	10.6	113649.5	-4057.7
5161	10.3	111929.4	-4018.0	5251	10.6	112919.5	-4013.2	5341	10.6	113709.5	-4022.0
5162	7.9	111931.4	-4042.6	5252	9.9	112937.5	-4053.1	5342	8.6	113713.5	-4051.0
5163	10.6	111939.4	-4014.4	5253	9.0	112945.5	-4050.1	5343	10.2	113719.5	-4042.5
5164	10.0	111942.2	-4042.5	5254	10.6	112950.5	-4037.8	5344	10.0	113722.5	-4009.3
5165	10.2	111956.2	-4040.2	5255	8.7	112958.5	-4050.5	5345	10.0	113737.5	-4038.6
5166	10.2	112001.9	-4001.0	5256	10.6	113008.0	-4025.1	5346	10.6	113741.5	-4011.9
5167	9.0	112004.4	-4024.8	5257	10.2	113013.5	-4055.8	5347	10.2	113754.5	-4049.7
5168	9.3	112009.9	-4053.9	5258	8.1	113028.5	-4046.7	5348	9.0	113819.0	-4033.1
5169	10.4	112020.4	-4058.5	5259	10.2	113031.2	-4026.2	5349	10.6	113833.7	-4057.8
5170	10.6	112025.6	-4011.1	5260	9.4	113031.5	-4011.8	5350	10.0	113838.6	-4001.4
5171	10.6	112029.2	-4018.8	5261	9.9	113039.5	-4040.0	5351	9.9	113839.5	-4025.3
5172	10.6	112040.4	-4006.8	5262	10.2	113043.0	-4041.3	5352	10.4	113850.0	-4017.0
5173	10.3	112042.9	-4026.4	5263	10.0	113043.6	-4002.5	5353	9.0	113850.5	-4052.8
5174	9.2	112051.7	-4013.3	5264	10.4	113053.0	-4056.2	5354	9.6	113851.5	-4003.1
5175	9.3	112056.7	-4021.5	5265	10.6	113056.5	-4054.2	5355	9.8	113858.5	-4050.6
5176	9.3	112059.4	-4006.5	5266	10.2	113057.3	-4008.0	5356	10.2	113859.0	-4015.6
5177	10.0	112102.4	-4049.1	5267	8.5	113109.5	-4048.4	5357	10.4	113859.4	-4057.1
5178	10.4	112108.5	-4023.3	5268	10.6	113109.5	-4006.8	5358	9.1	113859.5	-4003.1
5179	10.0	112108.6	-4056.8	5269	10.6	113115.8	-4007.9	5359	10.0	113907.5	-4041.0
5180	9.8	112110.4	-4022.3	5270	10.0	113119.5	-4023.2	5360	9.2	113913.5	-4018.2
5181	10.2	112122.5	-4055.3	5271	9.4	113121.5	-4019.8	5361	9.2	113918.0	-4055.1
5182	9.0	112126.5	-4049.6	5272	10.2	113121.5	-4012.0	5362	9.8	113922.0	-4038.9
5183	10.0	112127.9	-4025.1	5273	10.6	113132.0	-4003.5	5363	10.2	113928.5	-4019.1
5184	10.0	112128.5	-4043.3	5274	10.0	113133.5	-4027.7	5364	9.9	113929.5	-4035.9
5185	9.8	112132.4	-4009.7	5275	10.0	113137.5	-4024.3	5365	10.4	113955.2	-4044.2
5186	10.0	112158.7	-4006.1	5276	9.8	113140.5	-4036.7	5366	10.6	113956.0	-4053.9
5187	10.0	112201.9	-4010.7	5277	10.2	113150.5	-4024.9	5367	9.4	113959.5	-4020.7
5188	10.4	112203.5	-4025.4	5278	9.0	113156.0	-4021.6	5368	10.6	114000.0	-4047.9
5189	10.0	112208.5	-4036.2	5279	9.8	113159.5	-4036.5	5369	10.0	114032.0	-4036.5
5190	10.6	112229.9	-4008.9	5280	10.4	113218.5	-4036.6	5370	10.6	114036.0	-4036.2
5191	9.9	112230.9	-4059.3	5281	10.0	113219.5	-4055.0	5371	10.4	114038.5	-4032.8
5192	10.2	112230.9	-4029.6	5282	8.9	113222.5	-4026.4	5372	8.6	114041.5	-4035.9
5193	9.9	112234.4	-4021.3	5283	9.0	113228.5	-4009.9	5373	10.4	114047.0	-4000.5
5194	10.0	112242.7	-4005.2	5284	10.6	113236.0	-4005.0	5374	9.4	114049.5	-4027.9
5195	10.0	112255.5	-4038.4	5285	9.5	113239.5	-4037.5	5375	10.6	114049.5	-4005.5
5196	10.6	112309.9	-4024.5	5286	10.0	113244.5	-4054.1	5376	9.4	114119.5	-4029.4
5197	9.8	112313.7	-4000.5	5287	9.6	113244.5	-4029.4	5377	10.4	114131.5	-4013.7
5198	8.6	112319.4	-4017.4	5288	10.4	113310.0	-4051.6	5378	10.6	114138.0	-4042.1
5199	10.2	112329.4	-4004.4	5289	9.8	113311.5	-4054.0	5379	10.2	114149.5	-4047.3
5200	10.6	112345.4	-4002.3	5290	10.6	113320.5	-4055.1	5380	10.4	114152.5	-4041.2
5201	10.6	112346.5	-4011.0	5291	10.4	113325.5	-4012.9	5381	10.4	114159.0	-4055.5
5202	10.0	112356.4	-4013.6	5292	10.6	113327.0	-4008.9	5382	10.6	114200.5	-4055.9
5203	10.4	112419.4	-4028.9	5293	9.9	113330.5	-4026.0	5383	9.4	114209.0	-4049.5
5204	10.4	112420.4	-4019.9	5294	10.2	113330.7	-4002.0	5384	10.6	114224.0	-4006.1
5205	9.6	112435.4	-4022.2	5295	10.6	113337.5	-4011.2	5385	10.6	114233.5	-4029.8
5206	10.6	112445.4	-4059.6	5296	10.6	113341.0	-4005.4	5386	10.6	114247.5	-4041.7
5207	10.6	112451.4	-4059.3	5297	9.9	113341.5	-4035.0	5387	10.4	114252.5	-4048.3
5208	9.1	112457.0	-4032.6	5298	9.9	113342.5	-4029.4	5388	10.4	114254.5	-4054.8
5389	10.0	114305.4	-4058.3								
5390	10.0	114307.5	-4046.9								
5391	10.4	114308.0	-4044.9								
5392	8.6	114310.5	-4040.1								
5393	10.4	114332.5	-4038.5								
5394	9.8	114339.5	-4007.7								
5395	8.8	114347.3	-4016.7								
5396	9.4	114351.5	-4011.0								
5397	9.6	114406.0	-4052.3								
5398	10.6	114409.5	-4026.1								
5399	9.3	114410.2	-4045.3								
5400	10.4	114418.5	-4036.4								
5401	9.1	114419.5	-4045.9								
5402	10.0	114421.5	-4042.1								
5403	8.5	114429.0	-4010.2								
5404	8.8	114429.0	-4055.7								
5405	9.8	114431.2	-4011.7								
5406	9.9	114431.5	-4022.2								
5407	10.6	114433.5	-4048.3								
5408	10.2	114439.5	-4020.6								
5409	10.4	114442.5	-4030.4								
5410	8.9	114448.5	-4020.3								
5411	10.6	114450.5	-4017.9								
5412	8.6	114454.5	-4004.4								
5413	10.4	114456.0	-4041.0								
5414	10.0	114456.5	-4021.1								
5415	10.4	114459.5	-4013.3								
5416	10.4	114502.2	-4044.1								
5417	10.2	114503.0	-4029.1								
5418	10.0	114503.2	-4001.8								
5419	8.8	114511.2	-4046.2								
5420	9.0	114515.0	-4046.7								
5421	10.4	114520.5	-4042.0								
5422	7.8	114530.4	-4033.2								
5423	10.6	114532.3	-4031.5								
5424	10.0	114532.5	-4042.0								
5425	10.6	114539.5	-4009.6								
5426	10.0	114542.2	-4012.3								
5427	10.6	114607.2	-4059.0								
5428	10.4	114609.5	-4019.3								
5429	9.9	114610.3	-4015.3								
5430	10.4	114611.0	-4032.7								
5431	10.0	114611.5	-4021.4								
5432	10.4	114623.3	-4020.5								
5433	10.6	114630.5	-4055.8								
5434	10.4	114631.8	-4007.4								
5435	10.4	114648.5	-4012.0								
5436	10.0	114705.8	-4032.6								
5437	10.6	114712.5	-4056.4								
5438	10.2	114719.6	-4045.1								
5439	9.7	114727.8	-4043.5								
5440	9.8	114729.3	-4040.1								
5441	10.2	114729.6	-4053.7								
5442	9.0	114731.1	-4041.5								
5443	8.0	114743.5	-4043.5								
5444	9.4	114803.6	-4018.6								
5445	10.2	114826.9	-4018.6								
5446	8.9	114840.6	-4032.6								
5447	9.8	114904.6	-4013.0								
5448	9.2	114909.6	-4031.9								
5449	10.2	114912.7	-4040.5								
5450	9.6	114935.6	-4014.1								
5451	9.8	114941.6	-4056.4								
5452	10.2	114942.7	-4044.4								
5453	10.2	114951.6	-4050.4								
5454	9.0	115025.6	-4014.6								
5455	9.9	115030.6	-4034.3								
5456	9.4	115100.6	-4051.4								
5457	9.8	115106.1	-4022.9								
5458	10.2	115108.7	-4000.5								
5459	9.9	115111.6	-4023.2								
5460	10.0	115120.6	-4002.8								
5461	9.9	115122.7	-4037.8								
5462	8.6	115132.6	-4052.5								
5463	9.5	115133.0	-4021.4								
5464	9.8	115138.6	-4033.7								
5465	10.2	115141.1	-4031.2								
5466	9.8	115149.6	-4018.6								
5467	10.2	115150.0	-4038.8								
5468	10.0	115156.6	-4013.5								
5469	7.9	115200.6	-4015.0								
5470	10.0	115200.6	-4030.3								
5471	10.2	115208.6	-4003.9								
5472	9.4	115209.7	-4001.5								
5473	9.7	115210.6	-4027.7								
5474	9.4	115235.6	-4050.6								
5475	9.6	115258.9	-4001.8								
5476	9.9	115300.4	-4044.5								
5477	10.2	115302.9	-4002.2								
5478	9.8	115305.4	-4026.3								

5479	9.6	115320.4	-4006.4	5569	10.0	120604.2	-4043.5	5659	10.3	121523.7	-4011.5	5749	10.4	122329.8	-4028.9
5480	9.6	115322.4	-4027.8	5570	10.0	120611.7	-4030.5	5660	8.5	121523.7	-4021.7	5750	9.8	122330.4	-4029.8
5481	9.7	115351.7	-4001.1	5571	10.2	120628.1	-4058.1	5661	10.2	121528.7	-4059.0	5751	10.3	122353.8	-4015.9
5482	9.3	115402.4	-4020.9	5572	9.5	120629.2	-4024.5	5662	9.8	121604.2	-4006.0	5752	9.8	122354.4	-4005.7
5483	10.0	115403.9	-4058.9	5573	9.1	120637.8	-4014.7	5663	9.6	121607.7	-4058.5	5753	10.0	122358.8	-4036.3
5484	9.8	115420.9	-4058.8	5574	9.5	120639.7	-4018.7	5664	9.8	121608.7	-4009.8	5754	10.3	122406.8	-4039.0
5485	10.2	115435.8	-4037.1	5575	9.0	120650.2	-4012.2	5665	10.4	121609.7	-4029.3	5755	9.7	122417.8	-4037.3
5486	10.0	115447.9	-4025.6	5576	10.2	120710.2	-4041.9	5666	9.6	121614.3	-4020.3	5756	10.4	122420.8	-4031.3
5487	10.2	115450.4	-4056.4	5577	10.0	120714.7	-4026.5	5667	9.8	121616.2	-4051.2	5757	10.4	122422.7	-4010.6
5488	10.4	115452.4	-4010.7	5578	8.2	120723.8	-4010.4	5668	8.6	121619.3	-4009.6	5758	8.0	122437.5	-4048.8
5489	9.9	115514.9	-4050.3	5579	9.9	120724.7	-4056.9	5669	10.3	121620.2	-4050.0	5759	10.4	122454.5	-4015.0
5490	10.2	115520.9	-4043.6	5580	9.8	120728.7	-4047.3	5670	10.1	121628.9	-4038.4	5760	9.8	122454.5	-4050.3
5491	9.4	115525.6	-4027.0	5581	9.3	120736.8	-4013.9	5671	8.4	121630.6	-4020.9	5761	10.4	122500.5	-4010.3
5492	9.8	115530.4	-4032.7	5582	9.8	120737.8	-4034.6	5672	10.0	121646.7	-4059.9	5762	9.6	122508.5	-4037.3
5493	9.9	115534.1	-4018.9	5583	10.0	120739.7	-4036.5	5673	8.7	121648.4	-4046.3	5763	10.4	122512.8	-4024.6
5494	9.5	115539.9	-4052.0	5584	9.9	120757.9	-4040.0	5674	10.4	121651.2	-4049.5	5764	7.9	122517.5	-4021.7
5495	9.9	115544.9	-4035.6	5585	9.7	120814.8	-4008.9	5675	9.6	121654.7	-4021.0	5765	10.1	122528.0	-4054.9
5496	9.6	115552.4	-4038.1	5586	9.3	120817.9	-4049.1	5676	9.8	121656.2	-4032.2	5766	10.0	122529.0	-4042.1
5497	9.8	115556.9	-4026.9	5587	10.0	120817.9	-4018.0	5677	9.8	121704.2	-4023.2	5767	10.4	122530.0	-4020.3
5498	9.6	115600.4	-4023.6	5588	10.0	120821.9	-4054.1	5678	10.2	121705.7	-4002.4	5768	10.3	122540.5	-4050.7
5499	10.0	115602.9	-4040.9	5589	9.6	120823.9	-4042.8	5679	9.6	121709.7	-4041.1	5769	9.8	122543.0	-4022.6
5500	9.6	115609.9	-4011.6	5590	10.0	120828.9	-4009.2	5680	9.8	121715.7	-4027.9	5770	10.4	122554.5	-4039.5
5501	10.2	115611.4	-4043.0	5591	7.8	120829.4	-4026.5	5681	9.2	121728.0	-4044.3	5771	10.0	122605.5	-4012.9
5502	9.3	115632.4	-4051.9	5592	9.3	120833.9	-4041.9	5682	9.3	121730.6	-4031.2	5772	8.6	122606.5	-4056.6
5503	9.8	115702.4	-4033.0	5593	9.5	120839.4	-4053.5	5683	9.8	121730.7	-4039.2	5773	10.0	122607.0	-4026.5
5504	9.7	115702.4	-4055.7	5594	10.0	120842.9	-4056.7	5684	10.3	121742.2	-4051.6	5774	10.3	122611.9	-4014.7
5505	9.2	115729.4	-4038.6	5595	9.8	120843.9	-4036.5	5685	10.1	121746.2	-4034.1	5775	9.8	122614.5	-4023.1
5506	9.7	115729.9	-4044.9	5596	8.6	120903.4	-4056.1	5686	8.8	121755.6	-4037.8	5776	10.1	122618.0	-4043.1
5507	9.8	115730.1	-4002.7	5597	10.0	120909.4	-4011.3	5687	10.3	121804.8	-4059.9	5777	9.1	122619.5	-4033.3
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5510	9.9	115742.9	-4058.9	5600	10.2	120932.4	-4031.5	5690	10.1	121817.0	-4058.0	5780	7.4	122645.9	-4043.4
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5512	9.2	115750.4	-4006.4	5602	8.6	120933.9	-4016.0	5692	9.8	121838.7	-4054.0	5782	10.3	122651.5	-4028.3
5513	10.0	115753.4	-4023.5	5603	10.2	120935.9	-4003.5	5693	10.2	121844.7	-4032.2	5783	9.5	122707.5	-4018.3
5514	9.8	115759.9	-4009.0	5604	10.0	120939.4	-4045.3	5694	9.3	121848.7	-4011.5	5784	9.2	122712.0	-4054.4
5515	10.0	115813.9	-4008.8	5605	10.2	120941.9	-4031.1	5695	9.1	121858.7	-4009.5	5785	9.4	122715.0	-4043.7
5516	9.9	115818.9	-4033.9	5606	9.7	120942.4	-4014.8	5696	9.8	121858.7	-4006.7	5786	10.4	122719.0	-4002.8
5517	10.2	115820.9	-4030.9	5607	9.9	120946.0	-4059.9	5697	10.4	121900.7	-4012.6	5787	10.2	122724.0	-4023.3
5518	9.0	115901.9	-4009.6	5608	9.3	120952.6	-4027.5	5698	10.0	121901.7	-4041.8	5788	8.1	122730.0	-4008.2
5519	10.2	115917.0	-4025.5	5609	10.0	121010.6	-4018.7	5699	10.2	121904.2	-4026.2	5789	10.0	122734.0	-4034.2
5520	8.8	115918.7	-4007.1	5610	10.2	121012.0	-4012.9	5700	10.4	121917.2	-4056.7	5790	10.4	122742.5	-4050.7
5521	10.2	115928.5	-4040.4	5611	8.0	121017.5	-4022.3	5701	9.2	121917.7	-4050.1	5791	10.1	122751.9	-4000.8
5522	10.0	115935.9	-4014.2	5612	10.0	121026.0	-4049.9	5702	10.4	121922.2	-4034.0	5792	9.8	122755.0	-4024.1
5523	10.2	115936.5	-4036.1	5613	9.7	121029.6	-4048.2	5703	10.4	121929.3	-4004.2	5793	10.4	122759.0	-4006.5
5524	10.0	115945.9	-4050.4	5614	9.9	121032.9	-4027.1	5704	9.7	121933.7	-4013.0	5794	10.4	122801.9	-4053.3
5525	10.2	115950.0	-4055.6	5615	10.2	121037.0	-4027.9	5705	10.4	121936.7	-4035.6	5795	10.4	122804.0	-4012.4
5526	9.6	115955.9	-4041.4	5616	10.2	121040.6	-4008.7	5706	10.1	121954.3	-4020.4	5796	8.8	122807.8	-4032.8
5527	10.0	120005.0	-4001.7	5617	9.8	121044.5	-4028.9	5707	10.4	121956.2	-4057.8	5797	9.8	122815.2	-4045.1
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5530	9.5	120040.6	-4003.4	5620	9.2	121138.2	-4002.2	5710	9.8	122019.3	-4007.8	5800	10.0	122829.2	-4039.6
5531	10.0	120100.0	-4012.6	5621	9.6	121139.0	-4017.0	5711	9.8	122026.7	-4030.3	5801	10.0	122830.7	-4016.1
5532	10.0	120110.0	-4018.9	5622	10.2	121140.0	-4002.6	5712	10.2	122032.2	-4047.2	5802	10.3	122840.2	-4028.0
5533	9.5	120115.0	-4035.0	5623	9.3	121141.9	-4034.3	5713	9.8	122033.7	-4023.2	5803	9.6	122849.2	-4009.8
5534	9.8	120129.2	-4011.6	5624	10.0	121150.6	-4007.1	5714	9.0	122044.7	-4047.9	5804	9.2	122851.7	-4024.7
5535	9.1	120130.0	-4047.9	5625	9.6	121152.9	-4019.0	5715	9.4	122046.6	-4045.9	5805	6.2	122901.7	-4019.8
5536	10.2	120157.2	-4034.2	5626	9.4	121208.5	-4051.9	5716	10.3	122046.7	-4033.0	5806	10.4	122901.7	-4053.9
5537	9.8	120200.9	-4039.1	5627	10.2	121212.0	-4016.2	5717	10.3	122048.7	-4035.0	5807	10.0	122905.7	-4021.0
5538	10.2	120202.0	-4039.4	5628	9.5	121212.9	-4052.7	5718	9.6	122051.7	-4021.9	5808	9.7	122909.2	-4049.7
5539	10.2	120208.2	-4034.4	5629	9.7	121232.5	-4008.9	5719	10.2	122053.7	-4008.8	5809	9.8	122910.7	-4043.7
5540	8.5	120210.9	-4005.2	5630	9.7	121240.8	-4021.5	5720	8.8	122057.4	-4030.7	5810	10.0	122919.2	-4015.5
5541	10.0	120226.9	-4041.1	5631	9.2	121241.5	-4059.6	5721	10.4	122101.3	-4035.0	5811	10.4	122921.8	-4014.2
5542	5.6	120228.2	-4032.0	5632	10.4	121241.7	-4018.9	5722	9.8	122107.8	-4052.1	5812	10.4	122925.7	-4040.9
5543	10.0	120228.9	-4021.9	5633	10.2	121243.3	-4056.9	5723	10.3	122110.3	-4043.8	5813	9.6	122929.7	-4005.6
5544	10.0	120233.7	-4022.3	5634	10.3	121246.6	-4003.3	5724	10.2	122110.4	-4037.1	5814	10.3	122941.2	-4020.1
5545	10.2	120240.9	-4001.0	5635	9.8	121248.7	-4042.9	5725	10.3	122111.8	-4012.0	5815	9.8	122942.8	-4004.2
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5547	10.0	120303.0	-4022.3	5637	10.3	121251.5	-4024.5	5727	8.8	122134.8	-4058.1	5817	9.1	123002.7	-4016.0
5548	10.2	120311.5	-4022.2	5638	8.0	121258.7	-4008.7	5728	10.3	122140.3	-4036.9	5818	10.4	123019.2	-4011.3
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5550	10.2	120328.0	-4018.4	5640	10.0	121313.5	-4039.5	5730	9.3	122151.3	-4041.4	5820	10.4	123025.7	-4027.5
5551	10.0	120334.0	-4022.0	5641	10.4	121321.4	-4039.4	5731	9.7	122200.8	-4045.7	5821	10.2	123028.2	-4059.0
5552	9.7	120350.0	-4050.1	5642	7.6	121323.4	-4039.9	5732	9.7	122208.8	-4055.5	5822	9.3	123028.7	-4018.2
5553	10.2	120352.0	-4008.9	5643	10.0	121337.6	-4047.5	5733	9.7	122211.8	-4028.7	5823	8.2	123032.7	-4007.4
5554	10.0	120353.5	-4041.6	5644	10.4	121338.7	-4023.1	5734	10.0	122213.8	-4031.1	5824	10.3	123034.2	-4018.3
5555	9.5	120419.0	-4048.3	5645	9.2	121346.2	-4037.4	5735	10.3	122218.5	-4059.5	5825	10.1	123035.7	-4012.0
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5557	10.2	120429.0	-4010.8	5647	10.2	121352.0	-4022.0	5737	10.3	122219.8	-4021.2	5827	9.8	123104.7	-4045.8
5558	8.4	120430.9	-4024.4	5648	10.4	121352.6	-4059.7	5738	10.3	122251.1	-4021.2	5828	10.4	123117.2	-4037.1
5559	8.0	120432.9	-4015.3	5649	10.1	121406.7	-4023.1	5739	9.8	122258.4	-4034.6	5829	10.2	123121.7	-4033.2
5560	9.2	120451.6	-4030.6	5650	9.2	121410.7	-4018.6	5740	10.3	122307.4	-4019.8	5830	10.0	123130.7	-4056.8
5561	9.2	120452.7	-4013.9	5651	9.4	121438.7	-4022.1	5741	8.0	122308.8	-4042.7	5831	9.6	123131.7	-4043.2
5562	9.2	120457.7	-4039.9	5652	10.0	121448.7	-4033.2	5742	9.5	122309.3	-4009.0	5832	9.6	123132.8	-4019.0
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5564	10.2	120531.7	-4053.1	5654	10.0	121448.7	-4020.6	5744	9.3	122313.8	-4026.3	5834	9.6	123135.7	-4013.2
5565	10.2	120541.8	-4022.9	5655	10.2	121448.7	-4023.5	5745	10.3	122316.7	-4051.8	5835	10.1	123139.3	-4011.9
5566	10.2	120549.7	-4031.5	5656	10.4	121448.7	-4022.2	5746	9.3	122320.4	-4021.5	5836	10.0	123153.3	-4056.8
5567	9.9	120559.7	-4043.5	5657	10.4	121451.5	-4059.2	5747	9.8	122326.4	-4002.9	5837	9.5	123157.3	-4014.8
5568	10.2	120559.7	-4045.9	5658	10.4	121451.6	-4007.9	5748	10.3	122328.8	-4003.9	5838	9.4	123207.3	-4019.5

-40 5839 12h32m

5839 10.1 123209.8 -4029.6	5929 8.1 124410.0 -4034.1	6019 9.8 125746.0 -4048.4	6109 9.8 130823.0 -4050.6
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5916 9.8 124223.0 -4050.8	6006 9.8 125608.7 -4013.2	6096 9.2 130637.7 -4036.7	6186 10.0 132228.7 -4059.3
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5922 10.5 124325.8 -4001.7	6012 9.6 125720.5 -4045.1	6102 10.2 130719.4 -4011.8	6192 10.4 132343.6 -4017.3
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5926 10.5 124346.5 -4029.7	6016 10.0 125732.2 -4037.6	6106 8.8 130750.6 -4042.6	6196 9.2 132402.4 -4026.3
5927 10.0 124350.0 -4045.9	6017 9.8 125733.0 -4003.6	6107 10.3 130758.6 -4019.1	6197 8.2 132410.9 -4056.4
5928 9.9 124406.0 -4059.5	6018 7.9 125744.5 -4000.7	6108 9.8 130801.0 -4026.4	6198 9.4 132418.4 -4031.8

-40 6198 13h24m

-40 6199 13h24m

-40 6558 14h15m

6199	9.8	132419.4	-4053.2	6289	9.5	133937.4	-4039.3	6379	9.4	135116.0	-4000.6
6200	9.8	132426.4	-4026.4	6290	9.0	133942.4	-4048.8	6380	10.2	135120.0	-4030.2
6201	9.4	132428.0	-4002.5	6291	9.0	133943.4	-4041.3	6381	10.0	135121.4	-4013.2
6202	8.8	132432.9	-4005.1	6292	10.2	133946.7	-4015.7	6382	9.2	135138.6	-4006.7
6203	10.4	132449.4	-4059.1	6293	9.0	133951.4	-4057.5	6383	9.4	135140.0	-4020.0
6204	9.6	132458.4	-4019.6	6294	9.6	133952.4	-4025.8	6384	10.2	135145.0	-4023.9
6205	10.4	132459.9	-4047.2	6295	9.2	134000.4	-4037.2	6385	8.6	135149.0	-4016.4
6206	10.0	132540.4	-4033.7	6296	8.8	134010.4	-4038.9	6386	10.2	135210.4	-4012.9
6207	10.4	132549.9	-4011.6	6297	9.8	134026.4	-4058.1	6387	9.2	135220.0	-4049.0
6208	10.0	132549.9	-4053.6	6298	10.2	134031.3	-4058.7	6388	10.2	135229.4	-4035.0
6209	9.1	132557.7	-4039.4	6299	8.8	134044.4	-4022.4	6389	10.2	135231.0	-4012.1
6210	10.0	132605.7	-4050.7	6300	9.2	134108.6	-4025.5	6390	9.0	135250.0	-4029.9
6211	9.4	132610.4	-4025.7	6301	9.5	134110.6	-4003.3	6391	8.8	135305.5	-4034.7
6212	7.4	132620.9	-4040.5	6302	9.7	134124.6	-4049.4	6392	9.7	135306.4	-4032.6
6213	10.4	132629.9	-4039.6	6303	10.2	134139.6	-4044.0	6393	9.8	135306.5	-4006.4
6214	8.8	132653.9	-4020.4	6304	9.2	134141.1	-4012.7	6394	9.5	135308.0	-4036.0
6215	10.4	132707.7	-4007.6	6305	9.0	134143.1	-4015.3	6395	10.2	135316.5	-4024.3
6216	10.0	132712.8	-4051.5	6306	9.8	134143.6	-4033.6	6396	10.2	135341.0	-4056.9
6217	10.3	132715.3	-4025.6	6307	9.8	134228.6	-4046.0	6397	10.0	135350.4	-4013.5
6218	9.0	132719.8	-4036.3	6308	9.2	134239.6	-4012.7	6398	10.2	135408.0	-4011.6
6219	10.2	132725.8	-4051.6	6309	10.2	134248.6	-4032.4	6399	9.6	135419.4	-4024.1
6220	10.3	132729.8	-4003.6	6310	10.0	134306.3	-4011.6	6400	9.2	135424.5	-4047.1
6221	9.8	132759.2	-4024.6	6311	9.7	134306.6	-4033.0	6401	10.2	135432.4	-4050.3
6222	9.2	132812.3	-4050.4	6312	8.6	134308.3	-4023.1	6402	10.0	135440.5	-4032.7
6223	10.3	132814.3	-4046.9	6313	9.7	134310.5	-4010.3	6403	9.4	135452.5	-4022.4
6224	9.1	132817.9	-4017.0	6314	10.2	134313.6	-4056.0	6404	8.4	135455.5	-4012.6
6225	9.1	132829.8	-4047.5	6315	9.8	134319.6	-4022.7	6405	9.6	135508.5	-4048.3
6226	10.0	132837.5	-4059.8	6316	9.6	134321.6	-4050.0	6406	9.6	135510.0	-4044.1
6227	9.6	132844.8	-4033.4	6317	10.0	134354.6	-4039.1	6407	10.2	135518.0	-4054.1
6228	9.4	132919.8	-4043.1	6318	10.2	134410.6	-4019.5	6408	9.8	135525.5	-4024.7
6229	10.4	132928.8	-4021.2	6319	8.6	134418.6	-4022.7	6409	9.2	135527.4	-4020.1
6230	10.4	132929.8	-4018.8	6320	10.2	134423.6	-4017.2	6410	9.0	135530.3	-4018.9
6231	10.0	132942.8	-4019.2	6321	8.8	134425.6	-4004.1	6411	9.6	135535.2	-4013.3
6232	10.4	132955.8	-4052.0	6322	10.0	134434.1	-4029.2	6412	9.4	135538.3	-4047.3
6233	7.2	132957.9	-4015.4	6323	9.9	134437.6	-4043.7	6413	9.8	135543.3	-4029.9
6234	10.4	133000.8	-4045.0	6324	9.0	134437.6	-4050.3	6414	9.4	135544.3	-4004.2
6235	9.6	133004.3	-4004.4	6325	9.8	134441.6	-4047.2	6415	10.2	135547.7	-4013.6
6236	10.0	133027.3	-4007.1	6326	10.2	134500.6	-4019.1	6416	8.8	135550.2	-4015.3
6237	9.8	133035.5	-4056.4	6327	10.2	134503.6	-4020.1	6417	6.8	135551.2	-4049.1
6238	10.4	133035.8	-4024.5	6328	9.5	134503.6	-4051.0	6418	9.8	135551.2	-4025.9
6239	10.0	133054.8	-4040.5	6329	9.8	134521.6	-4025.8	6419	9.8	135551.4	-4040.1
6240	10.0	133055.3	-4028.9	6330	10.2	134524.1	-4045.6	6420	10.0	135552.0	-4043.5
6241	10.3	133056.8	-4051.1	6331	9.2	134545.6	-4035.7	6421	9.8	135556.2	-4046.3
6242	10.0	133109.8	-4053.7	6332	10.2	134551.5	-4043.3	6422	10.2	135601.2	-4045.7
6243	9.4	133118.5	-4058.9	6333	10.2	134554.3	-4020.7	6423	9.4	135606.7	-4014.8
6244	10.0	133120.3	-4041.5	6334	10.2	134609.6	-4015.4	6424	10.2	135613.2	-4038.8
6245	10.2	133121.9	-4015.5	6335	10.2	134609.6	-4038.0	6425	10.2	135621.2	-4025.1
6246	9.8	133137.8	-4027.1	6336	9.2	134609.6	-4024.0	6426	9.8	135630.2	-4047.3
6247	8.9	133149.8	-4037.1	6337	10.2	134618.3	-4013.3	6427	9.8	135639.5	-4033.7
6248	10.4	133155.6	-4014.5	6338	10.2	134624.8	-4012.2	6428	9.9	135640.2	-4026.7
6249	9.8	133206.8	-4043.0	6339	10.2	134629.3	-4056.3	6429	9.6	135641.2	-4052.2
6250	10.0	133210.8	-4037.7	6340	10.0	134640.3	-4014.9	6430	10.2	135652.2	-4025.5
6251	10.3	133219.8	-4043.0	6341	9.8	134649.3	-4048.4	6431	10.2	135653.0	-4046.2
6252	10.0	133228.3	-4038.7	6342	10.2	134708.3	-4050.8	6432	8.3	135705.2	-4040.9
6253	8.9	133229.6	-4042.5	6343	10.2	134711.3	-4023.2	6433	8.2	135709.3	-4051.6
6254	10.4	133234.1	-4008.3	6344	10.0	134711.8	-4021.0	6434	10.2	135720.7	-4019.8
6255	10.2	133239.6	-4001.5	6345	9.5	134719.8	-4026.0	6435	9.6	135734.4	-4056.2
6256	10.0	133257.3	-4059.9	6346	9.7	134731.3	-4006.6	6436	8.8	135740.2	-4041.9
6257	10.4	133331.1	-4002.7	6347	9.8	134738.3	-4011.1	6437	9.4	135745.7	-4025.9
6258	9.8	133346.4	-4016.7	6348	9.8	134747.8	-4022.2	6438	9.8	135751.2	-4035.5
6259	9.6	133409.6	-4010.9	6349	10.0	134755.5	-4059.0	6439	10.2	135802.2	-4010.6
6260	8.6	133417.4	-4055.6	6350	9.4	134807.8	-4017.1	6440	9.5	135821.7	-4056.1
6261	10.2	133432.4	-4035.8	6351	9.9	134811.3	-4059.8	6441	4.7	135826.2	-4034.7
6262	9.3	133523.5	-4005.1	6352	8.8	134819.8	-4014.4	6442	8.2	135832.2	-4034.4
6263	9.8	133528.4	-4004.6	6353	9.8	134829.8	-4019.5	6443	9.8	135849.7	-4013.6
6264	7.4	133530.4	-4046.0	6354	9.6	134839.8	-4059.2	6444	9.9	135850.2	-4034.9
6265	10.2	133600.4	-4015.4	6355	9.5	134900.3	-4054.5	6445	9.4	135850.7	-4040.3
6266	10.2	133619.4	-4059.3	6356	9.8	134905.3	-4050.4	6446	9.8	135855.7	-4045.5
6267	10.0	133627.4	-4017.5	6357	9.7	134910.8	-4001.8	6447	8.6	135859.7	-4042.4
6268	8.3	133632.4	-4042.9	6358	9.8	134914.3	-4004.9	6448	10.2	135900.2	-4050.5
6269	9.8	133634.9	-4030.0	6359	8.8	134917.8	-4014.5	6449	9.8	135908.4	-4048.8
6270	9.8	133638.4	-4041.8	6360	9.8	134925.3	-4044.1	6450	9.8	135910.2	-4034.9
6271	10.2	133639.3	-4018.0	6361	9.9	134929.8	-4028.1	6451	9.2	135920.0	-4013.8
6272	10.2	133651.4	-4028.1	6362	9.8	134934.8	-4028.9	6452	9.8	135926.2	-4028.4
6273	9.9	133700.4	-4003.3	6363	9.9	134947.4	-4056.8	6453	10.0	135948.2	-4031.7
6274	9.7	133730.4	-4035.9	6364	10.2	134947.8	-4039.0	6454	10.2	135952.4	-4057.8
6275	9.6	133742.5	-4026.6	6365	10.0	134952.8	-4044.8	6455	8.0	135956.7	-4003.2
6276	10.2	133744.4	-4037.0	6366	10.2	134953.3	-4015.2	6456	9.8	140009.5	-4038.4
6277	9.4	133753.4	-4008.8	6367	10.0	134956.3	-4035.6	6457	10.2	140014.8	-4017.0
6278	9.4	133754.4	-4045.5	6368	9.2	134959.8	-4036.5	6458	9.8	140017.5	-4010.5
6279	8.5	133758.4	-4040.4	6369	10.2	135009.8	-4047.4	6459	10.0	140019.3	-4015.8
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-40 6559 14h15m

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6646 9.4 143034.1 -4049.7	6736 10.0 144411.5 -4043.3	6826 6.8 150007.2 -4005.9	6916 10.1 151137.1 -4030.6
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6648 10.0 143108.1 -4059.1	6738 9.2 144511.5 -4003.6	6828 8.6 150031.3 -4028.1	6918 9.8 151145.6 -4005.0

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6919	10.0	151147.6	-4020.6	7009	8.0	152117.5	-4005.2	7099	8.3	153952.3	-4010.8
6920	9.6	151148.6	-4042.0	7010	8.7	152131.3	-4038.2	7100	9.6	154021.8	-4023.1
6921	10.0	151159.1	-4033.2	7011	8.6	152147.1	-4041.1	7101	9.4	154037.6	-4059.9
6922	9.8	151159.4	-4057.6	7012	9.0	152159.0	-4042.6	7102	9.4	154050.0	-4028.8
6923	9.6	151203.4	-4002.4	7013	9.4	152221.3	-4030.0	7103	9.6	154056.3	-4046.7
6924	10.1	151210.1	-4008.8	7014	9.4	152238.5	-4042.4	7104	9.5	154058.5	-4019.1
6925	9.8	151212.6	-4023.2	7015	9.6	152248.1	-4020.2	7105	9.4	154110.0	-4011.7
6926	8.6	151216.1	-4036.3	7016	9.4	152250.0	-4008.6	7106	9.4	154111.3	-4028.2
6927	10.1	151224.6	-4027.2	7017	9.0	152310.3	-4038.2	7107	9.5	154156.3	-4021.8
6928	8.8	151229.1	-4028.0	7018	9.5	152326.1	-4050.6	7108	9.2	154204.2	-4004.8
6929	8.2	151234.1	-4026.4	7019	9.6	152400.8	-4021.9	7109	9.2	154219.0	-4008.9
6930	9.1	151259.5	-4051.2	7020	9.6	152401.2	-4000.3	7110	9.6	154239.0	-4045.4
6931	8.7	151301.5	-4034.8	7021	9.4	152404.8	-4049.0	7111	9.0	154242.8	-4012.1
6932	9.8	151304.5	-4029.1	7022	9.4	152405.1	-4058.0	7112	9.3	154246.2	-4040.1
6933	3.6	151310.3	-4011.6	7023	9.6	152409.5	-4005.0	7113	8.8	154251.6	-4058.1
6934	6.8	151323.1	-4017.7	7024	9.4	152421.3	-4045.4	7114	9.6	154259.3	-4009.2
6935	9.3	151327.5	-4019.7	7025	9.6	152421.9	-4017.9	7115	9.6	154311.3	-4053.1
6936	9.6	151327.6	-4011.2	7026	9.6	152432.4	-4025.1	7116	9.4	154314.3	-4031.6
6937	10.1	151330.6	-4002.6	7027	9.4	152441.4	-4056.2	7117	9.1	154336.8	-4007.1
6938	8.7	151331.3	-4003.6	7028	9.5	152451.2	-4057.3	7118	9.6	154350.8	-4035.3
6939	10.0	151350.6	-4008.2	7029	9.2	152458.9	-4038.8	7119	8.6	154354.0	-4056.9
6940	10.1	151358.4	-4034.6	7030	7.6	152508.3	-4003.8	7120	8.6	154356.2	-4013.4
6941	8.6	151411.5	-4028.4	7031	9.6	152510.9	-4002.7	7121	9.2	154406.3	-4052.7
6942	9.5	151421.0	-4036.4	7032	9.1	152517.1	-4011.2	7122	9.3	154417.3	-4036.5
6943	10.0	151425.0	-4051.0	7033	9.6	152519.9	-4035.6	7123	9.5	154436.2	-4043.0
6944	9.4	151427.6	-4024.2	7034	9.4	152520.4	-4044.3	7124	9.6	154442.8	-4039.6
6945	9.5	151436.6	-4011.7	7035	9.0	152544.9	-4053.4	7125	9.4	154450.8	-4003.1
6946	9.3	151447.4	-4012.3	7036	9.4	152552.4	-4033.0	7126	9.3	154511.2	-4055.9
6947	10.0	151449.1	-4035.9	7037	9.4	152619.3	-4009.6	7127	9.3	154541.3	-4040.0
6948	9.8	151449.3	-4032.9	7038	9.4	152627.4	-4053.4	7128	7.8	154556.3	-4045.0
6949	9.5	151532.1	-4021.3	7039	9.0	152632.4	-4016.2	7129	8.1	154559.0	-4048.0
6950	9.4	151538.2	-4041.9	7040	9.0	152633.6	-4002.0	7130	9.6	154600.8	-4016.8
6951	9.5	151548.7	-4042.8	7041	9.2	152645.4	-4015.5	7131	9.6	154608.1	-4019.3
6952	10.0	151549.1	-4043.7	7042	4.2	152649.5	-4044.7	7132	9.6	154610.3	-4058.8
6953	8.6	151556.2	-4046.1	7043	9.6	152656.4	-4016.4	7133	8.4	154610.6	-4048.7
6954	9.5	151556.2	-4047.5	7044	9.5	152713.4	-4057.6	7134	9.6	154626.3	-4010.1
6955	9.3	151556.2	-4012.1	7045	9.5	152724.3	-4009.0	7135	9.0	154627.9	-4036.4
6956	10.0	151558.7	-4055.7	7046	9.1	152729.5	-4011.8	7136	8.0	154643.0	-4014.4
6957	9.8	151604.9	-4041.5	7047	9.6	152731.8	-4056.0	7137	9.8	154658.6	-4058.9
6958	9.2	151608.2	-4014.1	7048	9.5	152751.8	-4059.2	7138	8.7	154724.0	-4016.6
6959	9.6	151608.7	-4002.5	7049	9.2	152801.2	-4041.0	7139	9.3	154726.8	-4014.7
6960	9.8	151619.1	-4046.1	7050	9.5	152804.8	-4033.8	7140	8.0	154731.0	-4024.9
6961	10.1	151619.7	-4000.0	7051	9.1	152818.3	-4009.6	7141	7.2	154740.5	-4020.1
6962	9.8	151621.1	-4013.1	7052	7.3	152824.3	-4038.5	7142	10.0	154751.0	-4007.1
6963	9.5	151622.2	-4049.9	7053	9.4	152826.3	-4010.4	7143	8.9	154754.0	-4009.7
6964	9.8	151639.1	-4022.5	7054	8.8	152831.3	-4016.4	7144	9.8	154801.4	-4001.9
6965	8.7	151639.1	-4009.1	7055	8.1	152843.3	-4013.5	7145	10.0	154802.9	-4046.2
6966	8.4	151647.9	-4028.7	7056	9.6	152846.8	-4042.4	7146	8.4	154809.4	-4005.7
6967	10.0	151648.2	-4036.5	7057	9.6	152850.3	-4040.3	7147	10.0	154818.0	-4007.9
6968	10.0	151657.9	-4012.9	7058	8.1	152851.2	-4036.1	7148	10.0	154820.0	-4021.1
6969	10.1	151700.2	-4050.5	7059	9.6	152913.3	-4030.6	7149	8.7	154831.4	-4041.7
6970	10.1	151704.1	-4027.7	7060	9.4	152922.3	-4019.8	7150	9.4	154831.5	-4053.5
6971	9.8	151727.2	-4053.1	7061	8.6	152939.2	-4058.8	7151	10.0	154849.0	-4055.2
6972	10.1	151727.4	-4059.4	7062	9.4	152946.3	-4010.4	7152	9.0	154852.5	-4033.7
6973	9.8	151728.7	-4014.9	7063	8.6	153036.3	-4041.0	7153	9.4	154857.4	-4002.3
6974	10.0	151738.9	-4048.1	7064	9.3	153059.3	-4055.0	7154	8.8	154900.5	-4011.8
6975	8.6	151747.9	-4006.1	7065	9.5	153244.3	-4058.8	7155	8.2	154922.0	-4037.9
6976	9.5	151751.2	-4040.6	7066	9.6	153255.3	-4047.0	7156	9.4	154925.5	-4015.4
6977	10.1	151808.9	-4058.3	7067	9.4	153257.2	-4042.6	7157	10.0	154928.5	-4016.9
6978	9.8	151810.2	-4005.0	7068	9.4	153321.3	-4047.6	7158	10.0	154931.5	-4048.5
6979	10.1	151813.2	-4046.0	7069	8.7	153355.8	-4024.8	7159	10.0	155022.0	-4004.9
6980	9.8	151816.7	-4030.8	7070	8.9	153406.3	-4041.8	7160	9.6	155024.4	-4019.1
6981	10.1	151818.7	-4017.6	7071	9.4	153412.1	-4058.4	7161	9.8	155037.0	-4026.8
6982	8.4	151820.1	-4026.5	7072	9.5	153419.3	-4006.6	7162	9.2	155040.0	-4046.6
6983	9.6	151826.4	-4032.4	7073	9.4	153424.8	-4059.1	7163	8.0	155104.0	-4030.1
6984	9.8	151827.9	-4032.0	7074	9.6	153426.3	-4017.6	7164	7.4	155131.4	-4017.5
6985	9.8	151836.9	-4014.9	7075	8.4	153451.3	-4038.0	7165	10.0	155143.4	-4058.5
6986	10.0	151837.9	-4025.1	7076	9.2	153506.8	-4053.6	7166	10.0	155145.3	-4058.7
6987	9.4	151839.4	-4010.1	7077	9.4	153518.3	-4038.0	7167	8.8	155215.0	-4039.9
6988	10.0	151842.3	-4024.7	7078	9.2	153528.2	-4046.9	7168	7.0	155229.0	-4004.7
6989	8.7	151907.7	-4050.2	7079	9.3	153537.3	-4033.2	7169	9.6	155235.0	-4052.9
6990	8.9	151913.7	-4027.0	7080	9.4	153636.3	-4043.2	7170	10.0	155238.0	-4053.1
6991	10.1	151915.7	-4025.3	7081	8.8	153640.8	-4026.6	7171	10.0	155238.0	-4055.0
6992	10.1	151918.2	-4051.2	7082	9.0	153703.8	-4014.9	7172	10.0	155240.0	-4038.2
6993	10.1	151928.4	-4037.0	7083	9.3	153710.3	-4020.0	7173	9.2	155244.5	-4045.0
6994	10.0	151936.0	-4052.3	7084	9.3	153723.3	-4034.8	7174	9.6	155247.5	-4007.5
6995	7.9	151937.7	-4013.2	7085	8.9	153723.8	-4014.2	7175	10.0	155255.0	-4002.8
6996	10.0	151941.9	-4045.6	7086	9.5	153740.3	-4040.6	7176	10.0	155314.5	-4007.1
6997	9.6	151947.1	-4038.4	7087	9.5	153740.8	-4046.8	7177	9.0	155316.5	-4010.8
6998	10.0	151950.0	-4047.6	7088	8.3	153745.8	-4037.1	7178	8.8	155350.0	-4022.0
6999	9.3	151952.5	-4021.0	7089	9.4	153802.2	-4043.5	7179	9.2	155351.4	-4044.5
7000	10.0	151957.9	-4037.2	7090	9.4	153831.2	-4021.2	7180	10.0	155400.0	-4059.5
7001	9.8	152000.4	-4019.4	7091	8.4	153832.2	-4023.0	7181	10.0	155424.4	-4030.1
7002	8.4	152014.2	-4017.8	7092	9.5	153839.2	-4034.0	7182	9.3	155437.4	-4039.1
7003	10.1	152014.9	-4051.3	7093	7.6	153839.3	-4049.4	7183	10.0	155438.4	-4022.1
7004	9.8	152016.9	-4020.4	7094	9.0	153848.3	-4016.0	7184	9.3	155443.4	-4029.4
7005	10.1	152018.4	-4053.4	7095	7.8	153859.3	-4038.1	7185	9.4	155501.4	-4024.4
7006	10.0	152038.4	-4007.3	7096	9.0	153930.0	-4039.8	7186	9.4	155510.0	-4040.2
7007	8.2	152105.0	-4024.2	7097	9.4	153930.3	-4034.1	7187	9.6	155512.0	-4002.8
7008	8.8	152108.0	-4011.0	7098	9.5	153939.0	-4016.8	7188	9.6	155531.0	-4000.3
7189	10.0	155539.4	-4036.5								
7190	9.8	155543.9	-4002.6								
7191	7.6	155548.0	-4029.7								
7192	9.8	155600.4	-4015.2								
7193	9.3	155602.4	-4044.1								
7194	8.2	155621.0	-4003.4								
7195	8.0	155622.0	-4023.4								
7196	9.4	155623.1	-4030.4								
7197	10.0	155627.0	-4046.6								
7198	9.6	155629.4	-4051.6								
7199	9.8	155641.4	-4032.8								
7200	9.6	155654.4	-4020.6								
7201	9.8	155700.0	-4037.1								
7202	9.8	155709.4	-4039.0								
7203	9.8	155719.5	-4027.5								
7204	8.7	155724.4	-4023.3								
7205	9.8	155751.0	-4000.7								
7206	7.8	155802.5	-4006.5								
7207	10.0	155810.4	-4041.8								
7208	10.0	155814.3	-4000.7								
7209	8.0	155816.4	-4017.1								
7210	8.9	155823.5	-4021.4								
7211	8.7	155850.0	-4026.0								
7212	9.8	155858.4	-4016.6								
7213	9.3	155907.2	-4018.6								
7214	9.8	155908.5	-4022.4								
7215	9.2	155909.5	-4002.0								
7216	10.0	155920.4	-4050.8								
7217	9.8	155930.4	-4004.6								
7218	8.4	155932.0	-4017.6								
7219	9.0	155939.8	-4036.6								
7220	9.6	155944.8	-4051.9								
7221	10.0	155959.8	-4058.4								
7222	9.2	160005.3	-4034.2								
7223	10.0	160012.8	-4041.6								
7224	10.0	160014.3	-4037.6								
7225	9.8	160020.3	-4002.8								
7226	10.0	160029.8	-4021.0								
7227	10.0	160039.8	-4048.1								
7228	9.6	160049.4	-4058.6								
7229	9.6	160111.0	-4029.5								
7230	8.2	160119.8	-4049.4								
7231	9.6	160128.8	-4007.2								
7232	9.6	160200.3	-4046.6								
7233	9.4	160217.3	-4040.5								
7234	10.0	160222.8	-4026.2								
7235	8.6	160227.8	-4006.3								
7236	9.6	160237.8	-4025.3								
7237	7.0	160246.3	-4047.2								
7238	9.6	160254.1	-4048.3								
7239	9.8	160325.3	-4031.2								
7240	9.4	160334.0	-4044.9								
7241	9.4	160337.8	-4052.0								
7242	9.4	160344.3	-4049.4								
7243	9.8	160352.3	-4052.7								
7244	9.6	160359.8	-4040.8								
7245	10.0	160419.8	-4039.6								
7246	10.0	160458.3	-4015.2								
7247	8.8	160638.1	-4015.3								
7248	10.0	160649.8	-4009.1								
7249	9.3	160658.3	-4003.1								
7250	8.6	160659.8	-4004.7								
7251	10.0	160707.1	-4057.0								
7252	8.7	160936.8	-4040.4								
7253	8.4	161041.3	-4030.7								
7254	8.4	161049.8	-4038.2								
7255	9.6	161050.3	-4017.6								
7256	10.0	161050.3	-4022.2								
7257	7.8	161126.8	-4030.5								
7258	9.4	161149.3	-4021.9								
7259	9.8	161201.0	-4037.9								
7260	10.0	161226.3	-4031.9								
7261	9.4	161240.1	-4012.1								
7262	9.8	161337.5	-4021.7								
7263	9.5	161429.0	-4018.8								
7264	10.0	161435.5	-4029.1								
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7266	8.2	161505.0	-4046.6								
7267	7.6	161509.3	-4057.1								
7268	9.2	161511.5	-4028.7								
7269	9.6	161517.0	-4020.1								
7270	9.6	161539.5	-4026.4								
7271	9.3	161550.0	-4026.0								
7272	9.9	161551.5	-4025.8								
7273	9.2	161552.5	-4028.0								
7274	9.6	161558.0	-4018.9								
7275	10.0	161603.0	-4016.7								
7276	9.8	161608.5	-4016.5								
7277	9.8	161616.3	-4027.9								
7278	8.8	161618.0	-4017.8								

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7279	9.6	161623.0	-4038.6
7280	9.9	161625.0	-4026.4
7281	9.8	161628.3	-4035.9
7282	9.6	161629.0	-4010.9
7283	10.0	161630.0	-4019.8
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7291	9.9	161641.6	-4017.9
7292	10.0	161644.4	-4031.1
7293	9.0	161644.6	-4020.1
7294	9.8	161645.1	-4028.7
7295	8.8	161645.8	-4018.5
7296	9.5	161646.6	-4022.0
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7298	9.3	161647.1	-4023.7
7299	9.6	161649.6	-4013.2
7300	9.4	161652.0	-4009.9
7301	10.0	161652.1	-4019.9
7302	9.5	161655.1	-4020.9
7303	9.6	161655.6	-4021.4
7304	9.2	161656.1	-4026.4
7305	8.6	161703.0	-4029.5
7306	9.2	161706.3	-4021.9
7307	9.5	161710.6	-4023.3
7308	9.5	161717.3	-4019.8
7309	9.6	161718.1	-4027.0
7310	9.2	161719.1	-4026.9
7311	9.8	161721.1	-4024.7
7312	9.5	161725.1	-4033.7
7313	9.4	161726.6	-4016.1
7314	8.6	161733.1	-4056.2
7315	10.0	161734.1	-4039.6
7316	9.8	161734.1	-4013.8
7317	9.5	161735.1	-4018.7
7318	9.5	161741.0	-4024.2
7319	8.9	161818.3	-4045.9
7320	9.0	161830.1	-4016.0
7321	9.2	161841.0	-4027.8
7322	9.2	161841.6	-4020.1
7323	10.0	161844.1	-4026.8
7324	9.6	161850.1	-4026.8
7325	9.8	161917.1	-4015.4
7326	9.4	161920.6	-4054.2
7327	9.0	161923.6	-4040.2
7328	9.8	161940.1	-4021.5
7329	9.8	162000.3	-4037.5
7330	10.0	162000.3	-4019.7
7331	8.6	162017.3	-4017.3
7332	8.9	162021.1	-4008.2
7333	9.5	162029.6	-4013.9
7334	9.4	162058.8	-4026.8
7335	7.4	162103.6	-4049.8
7336	8.4	162109.6	-4047.6
7337	10.0	162137.8	-4022.0
7338	9.5	162151.6	-4006.8
7339	9.6	162156.6	-4022.7
7340	9.8	162201.6	-4019.6
7341	10.0	162208.3	-4058.4
7342	9.5	162213.6	-4016.7
7343	9.6	162216.1	-4051.6
7344	10.0	162231.6	-4031.5
7345	10.0	162232.6	-4015.4
7346	8.6	162244.6	-4047.0
7347	9.0	162249.6	-4022.3
7348	10.0	162253.6	-4058.5
7349	9.0	162254.6	-4033.7
7350	9.8	162255.8	-4018.9
7351	10.0	162313.1	-4024.0
7352	10.0	162339.6	-4000.8
7353	10.0	162339.6	-4024.9
7354	9.0	162342.3	-4055.1
7355	9.2	162344.1	-4041.4
7356	9.5	162349.6	-4002.7
7357	9.8	162400.6	-4029.2
7358	7.8	162405.6	-4045.7
7359	10.0	162411.6	-4058.2
7360	10.0	162420.3	-4040.3
7361	9.3	162422.1	-4010.4
7362	8.9	162425.6	-4042.6
7363	10.0	162439.6	-4051.1
7364	9.2	162444.1	-4030.4
7365	8.9	162454.1	-4016.6
7366	10.0	162456.6	-4047.9
7367	9.8	162458.1	-4016.9
7368	7.8	162500.0	-4030.1
7369	9.8	162520.0	-4014.1
7370	10.0	162539.6	-4054.6
7371	9.6	162539.6	-4025.0
7372	9.2	162542.9	-4059.7
7373	8.8	162606.6	-4004.8
7374	10.0	162654.1	-4050.6
7375	9.8	162701.1	-4017.3
7376	8.5	162710.0	-4056.3
7377	10.0	162719.6	-4004.6
7378	9.8	162720.6	-4023.3
7379	9.2	162720.8	-4004.2
7380	9.6	162728.1	-4021.9
7381	10.0	162738.0	-4018.1
7382	10.0	162748.6	-4023.0
7383	10.0	162751.0	-4054.9
7384	10.0	162752.5	-4056.8
7385	7.5	162754.2	-4002.6
7386	10.0	162756.1	-4041.8
7387	10.0	162822.0	-4035.4
7388	9.2	162826.6	-4026.2
7389	9.8	162830.0	-4052.0
7390	9.6	162831.0	-4050.3
7391	8.8	162900.0	-4055.2
7392	9.0	162901.1	-4037.0
7393	9.2	162907.1	-4047.3
7394	9.8	162933.0	-4009.1
7395	10.0	162943.0	-4050.0
7396	9.6	162943.1	-4000.8
7397	9.6	162955.0	-4052.8
7398	10.0	163011.0	-4058.5
7399	10.0	163013.1	-4011.7
7400	10.0	163030.0	-4024.1
7401	9.5	163031.0	-4011.8
7402	9.4	163037.1	-4036.8
7403	9.8	163040.8	-4022.7
7404	9.3	163044.8	-4011.0
7405	9.8	163046.0	-4049.4
7406	10.0	163122.1	-4056.1
7407	10.0	163145.1	-4019.7
7408	9.6	163201.3	-4058.1
7409	7.8	163202.3	-4052.7
7410	10.0	163202.6	-4019.7
7411	8.9	163214.5	-4002.9
7412	9.6	163216.1	-4011.0
7413	9.6	163219.6	-4036.5
7414	10.0	163221.6	-4045.1
7415	8.9	163225.6	-4039.2
7416	10.0	163232.6	-4007.7
7417	10.0	163237.6	-4015.7
7418	10.0	163241.6	-4024.1
7419	10.0	163244.6	-4043.1
7420	10.0	163253.1	-4055.9
7421	10.0	163259.6	-4038.1
7422	10.0	163315.3	-4059.1
7423	8.8	163315.6	-4013.1
7424	9.8	163316.5	-4057.9
7425	6.9	163316.6	-4046.8
7426	10.0	163325.1	-4050.5
7427	8.8	163329.6	-4041.0
7428	10.0	163330.1	-4036.0
7429	9.8	163331.5	-4046.1
7430	10.0	163331.6	-4036.9
7431	10.0	163341.6	-4043.3
7432	10.0	163351.6	-4049.7
7433	9.9	163359.6	-4058.5
7434	8.7	163413.7	-4002.9
7435	8.0	163415.6	-4022.7
7436	10.0	163416.6	-4008.5
7437	8.8	163416.8	-4030.1
7438	9.8	163417.6	-4009.7
7439	10.0	163418.1	-4037.0
7440	9.5	163421.6	-4028.0
7441	10.0	163429.6	-4012.4
7442	9.6	163430.6	-4044.4
7443	10.0	163435.6	-4040.9
7444	10.0	163457.0	-4026.9
7445	6.9	163506.3	-4052.7
7446	10.0	163508.6	-4020.0
7447	6.6	163514.1	-4052.4
7448	10.0	163518.6	-4030.0
7449	8.8	163528.8	-4011.7
7450	9.9	163540.6	-4000.9
7451	9.5	163547.6	-4013.5
7452	10.0	163559.6	-4014.1
7453	6.2	163603.0	-4036.1
7454	9.6	163609.0	-4005.8
7455	10.0	163629.1	-4017.4
7456	9.9	163633.1	-4055.1
7457	10.0	163643.6	-4022.6
7458	9.9	163647.1	-4027.8

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7459	10.0	163651.6	-4036.3
7460	9.8	163652.6	-4003.4
7461	9.4	163700.1	-4055.5
7462	10.0	163701.4	-4027.3
7463	10.0	163707.6	-4052.0
7464	9.9	163709.6	-4012.9
7465	10.0	163709.6	-4018.8
7466	9.6	163715.1	-4017.1
7467	9.4	163717.0	-4005.7
7468	10.0	163719.6	-4025.4
7469	9.6	163723.1	-4029.8
7470	8.6	163729.9	-4059.3
7471	10.0	163730.9	-4034.6
7472	9.0	163731.7	-4017.8
7473	8.5	163736.8	-4036.3
7474	9.8	163741.0	-4047.5
7475	9.3	163743.1	-4005.1
7476	9.6	163743.1	-4016.9
7477	9.8	163752.0	-4002.4
7478	9.9	163753.9	-4043.1
7479	9.5	163755.1	-4002.5
7480	9.9	163758.0	-4033.8
7481	9.3	163759.6	-4015.0
7482	9.9	163759.9	-4058.4
7483	9.8	163800.3	-4057.4
7484	8.2	163801.0	-4055.1
7485	10.0	163808.1	-4050.9
7486	8.9	163809.1	-4056.6
7487	8.5	163809.6	-4038.6
7488	9.8	163809.6	-4020.4
7489	9.8	163809.6	-4014.2
7490	9.0	163822.1	-4043.6
7491	10.0	163822.7	-4000.5
7492	10.0	163833.6	-4008.0
7493	8.8	163839.6	-4020.2
7494	10.0	163839.9	-4058.8
7495	9.4	163842.1	-4037.6
7496	10.0	163844.0	-4041.4
7497	10.0	163844.2	-4058.6
7498	9.9	163848.1	-4009.6
7499	10.0	163849.1	-4046.5
7500	9.8	163854.1	-4018.5
7501	10.0	163856.1	-4025.8
7502	9.6	163900.1	-4048.0
7503	8.7	163901.0	-4033.1
7504	9.8	163901.0	-4026.2
7505	8.4	163909.6	-4054.8
7506	7.9	163911.8	-4044.4
7507	9.8	163912.0	-4035.2
7508	9.9	163923.6	-4051.2
7509	8.9	163924.1	-4007.6
7510	9.2	163925.8	-4026.0
7511	10.0	163927.6	-4018.7
7512	9.6	163928.6	-4019.5
7513	8.9	163934.1	-4016.6
7514	9.2	163939.8	-4030.3
7515	9.6	163949.0	-4058.5
7516	10.0	163950.3	-4023.1
7517	9.8	163954.3	-4014.4
7518	8.2	163955.0	-4026.5
7519	9.9	164005.1	-4050.6
7520	9.2	164010.1	-4005.9
7521	9.5	164015.6	-4043.0
7522	8.1	164019.1	-4032.9
7523	9.2	164020.8	-4052.6
7524	10.0	164022.6	-4026.6
7525	9.8	164027.2	-4002.1
7526	9.4	164037.0	-4035.0
7527	10.2	164037.4	-4001.3
7528	10.4	164046.0	-4049.5
7529	10.4	164050.0	-4025.5
7530	10.2	164051.9	-4042.6
7531	10.4	164052.0	-4054.1
7532	9.8	164101.6	-4013.7
7533	10.2	164104.0	-4030.5
7534	9.6	164104.5	-4007.1
7535	9.8	164113.8	-4057.1
7536	10.0	164135.6	-4024.5
7537	10.2	164140.0	-4032.9
7538	8.0	164150.0	-4032.2
7539	9.4	164150.0	-4012.0
7540	10.2	164230.0	-4014.5
7541	10.4	164231.9	-4035.7
7542	10.4	164232.2	-4050.8
7543	9.4	164255.0	-4005.9
7544	10.4	164313.5	-4001.8
7545	10.4	164323.9	-4052.7
7546	7.8	164326.7	-4027.6
7547	9.6	164330.0	-4002.2
7548	9.2	164332.5	-4008.8
7549	9.2	164333.5	-4034.9
7550	9.4	164336.0	-4056.4
7551	9.8	164338.0	-4045.5
7552	10.4	164340.0	-4048.9
7553	8.4	164342.5	-4020.9
7554	9.4	164345.0	-4041.8
7555	6.6	164348.0	-4030.4
7556	10.4	164357.5	-4007.5
7557	10.2	164405.5	-4004.5
7558	10.4	164409.5	-4047.5
7559	9.8	164415.6	-4051.0
7560	10.2	164418.7	-4022.9
7561	10.0	164420.0	-4005.0
7562	10.2	164447.9	-4049.3
7563	10.4	164450.0	-4040.0
7564	9.8	164450.5	-4036.5
7565	10.2	164451.9	-4026.0
7566	8.5	164505.9	-4006.3
7567	10.0	164507.7	-4051.1
7568	10.0	164518.7	-4011.9
7569	8.0	164520.9	-4019.3
7570	7.4	164523.0	-4052.2
7571	10.2	164528.5	-4019.8
7572	9.4	164532.5	-4014.5
7573	7.8	164533.9	-4046.4
7574	10.2	164538.9	-4015.6
7575	9.8	164540.9	-4004.6
7576	8.4	164541.0	-4049.2
7577	8.4	164542.9	-4026.5
7578	10.4	164545.0	-4036.5
7579	10.4	164549.0	-4033.4
7580	8.6	164549.5	-4028.7
7581	8.8	164549.7	-4044.6
7582	9.8	164553.0	-4019.4
7583	9.2	164557.5	-4033.0
7584	9.6	164558.5	-4026.5
7585	9.8	164559.0	-4028.0
7586	9.8	164559.0	-4030.6
7587	8.4	164602.6	-4040.3
7588	9.0	164603.5	-4033.0
7589	9.2	164604.5	-4041.6
7590	9.0	164606.9	-4033.5
7591	9.0	164608.7	-4026.1
7592	8.8	164609.7	-4033.0
7593	10.0	164610.0	-4056.4
7594	10.4	164610.6	-4030.0
7595	8.6	164612.0	-4051.5
7596	7.0	164615.6	-4018.9
7597	6.2	164615.7	-4056.7
7598	9.0	164616.0	-4053.1
7599	9.2	164618.9	-4022.2
7600	9.2	164619.7	-4030.3
7601	9.8	164623.9	-4045.4
7602	9.2	164626.0	-4032.8
7603	9.8	164628.9	-4042.8
7604	8.8	164629.7	-4007.0
7605	10.4	164633.5	-4019.4
7606	10.4	164636.5	-4021.4
7607	9.4	164637.7	-4024.9
7608	8.4	164639.7	-4043.8
7609	9.2	164640.7	-4034.6
7610	10.4	164643.5	-4017.1
7611	7.6	164647.7	-4046.3
7612	10.4	164651.5	-4017.4
7613	10.4	164652.0	-4002.2
7614	10.0	164703.5	-4002.9
7615	8.1	164712.0	-4049.2
7616	10.4	164712.5	-4015.2
7617	8.2	164713.7	-4034.5
7618	10.4	164718.7	-4012.4
7619	9.6	164718.7	-4030.4
7620	9.6	164720.0	-4034.6
7621	8.0	164721.0	-4028.0
7622	10.4	164721.9	-4043.0
7623	8.6	164723.0	-4034.8
7624	8.2	164726.0	-4008.7
7625	10.2	164729.5	-4049.5
7626	9.8	164730.0	-4027.0
7627	10.4	164730.5	-4019.6
7628	9.8	164730.5	-4023.0
7629	9.2	164731.5	-4030.4
7630	7.5	164733.7	-4027.3
7631	8.8	164733.9	-4026.5
7632	8.4	164737.5	-4028.6
7633	8.0	164737.7	-4017.5
7634	9.8	164740.6	-4051.9
7635	10.2	164741.9	-4048.5
7636	9.4	164743.9	-4021.0
7637	10.2	164744.5	-4005.0
7638	10.2	164747.7	-4055.2

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-40 7998 17h32m

7639	7.2	164754.2	-4037.2	7729	10.4	170100.4	-4012.9	7819	8.7	171719.9	-4009.2	7909	9.7	172631.0	-4002.9
7640	8.8	164756.2	-4021.8	7730	8.0	170102.8	-4003.4	7820	9.7	171729.9	-4021.3	7910	9.4	172635.0	-4047.0
7641	9.8	164757.7	-4059.0	7731	10.4	170112.9	-4027.0	7821	9.4	171753.4	-4031.0	7911	9.3	172645.0	-4024.6
7642	10.4	164759.0	-4010.3	7732	10.2	170125.4	-4044.1	7822	9.7	171754.4	-4039.9	7912	8.9	172651.0	-4053.8
7643	9.6	164800.0	-4022.6	7733	7.9	170126.6	-4053.3	7823	9.6	171759.4	-4027.4	7913	9.2	172706.0	-4055.2
7644	9.0	164800.0	-4023.5	7734	10.4	170128.4	-4039.8	7824	9.2	171801.4	-4020.9	7914	9.6	172709.7	-4059.9
7645	7.6	164801.9	-4057.2	7735	9.2	170129.4	-4016.4	7825	9.3	171804.9	-4007.8	7915	9.7	172715.5	-4039.6
7646	10.4	164802.0	-4002.1	7736	10.4	170153.4	-4041.7	7826	8.7	171805.9	-4005.9	7916	9.2	172731.5	-4031.9
7647	10.2	164802.0	-4024.2	7737	10.4	170219.9	-4031.8	7827	8.4	171821.5	-4001.6	7917	9.7	172750.0	-4014.0
7648	10.2	164806.0	-4035.2	7738	9.8	170248.4	-4035.3	7828	9.3	171828.9	-4046.3	7918	9.4	172751.0	-4048.0
7649	10.0	164806.9	-4037.0	7739	10.0	170251.9	-4036.0	7829	9.5	171830.4	-4038.0	7919	9.2	172759.7	-4059.4
7650	7.0	164814.0	-4018.5	7740	9.8	170339.4	-4010.9	7830	9.4	171832.4	-4051.7	7920	9.0	172800.0	-4025.3
7651	10.0	164820.5	-4047.7	7741	10.4	170340.4	-4008.6	7831	8.6	171832.4	-4021.8	7921	9.7	172809.0	-4024.1
7652	10.4	164821.5	-4011.5	7742	10.4	170354.9	-4058.8	7832	9.4	171840.4	-4007.3	7922	9.1	172812.5	-4041.9
7653	8.0	164822.0	-4045.2	7743	9.8	170408.3	-4056.9	7833	9.6	171842.4	-4032.3	7923	9.5	172821.0	-4016.2
7654	8.8	164824.2	-4012.8	7744	10.4	170408.4	-4028.8	7834	9.7	171846.4	-4037.0	7924	9.6	172821.5	-4055.9
7655	9.4	164824.9	-4007.2	7745	10.4	170437.0	-4008.0	7835	9.6	171849.9	-4052.0	7925	8.7	172821.5	-4031.8
7656	10.4	164827.5	-4013.4	7746	10.4	170454.0	-4056.9	7836	9.3	171851.4	-4005.5	7926	9.4	172822.0	-4045.6
7657	9.4	164828.0	-4022.8	7747	10.0	170454.0	-4001.6	7837	9.6	171857.9	-4055.6	7927	9.7	172829.9	-4024.5
7658	10.2	164828.9	-4018.4	7748	10.4	170454.2	-4029.4	7838	9.3	171916.9	-4055.8	7928	8.7	172831.0	-4040.8
7659	10.4	164831.3	-4059.1	7749	10.2	170509.0	-4032.1	7839	8.8	171921.4	-4043.2	7929	8.0	172835.0	-4014.2
7660	10.0	164836.0	-4018.7	7750	10.4	170514.0	-4054.0	7840	9.7	171932.4	-4011.8	7930	9.2	172838.0	-4009.9
7661	9.4	164844.0	-4009.6	7751	10.4	170529.0	-4038.4	7841	9.7	171937.4	-4026.3	7931	9.4	172839.0	-4017.3
7662	9.8	164845.5	-4028.6	7752	10.4	170543.0	-4059.0	7842	9.5	171937.9	-4025.9	7932	9.2	172842.0	-4024.5
7663	9.4	164858.7	-4012.4	7753	9.6	170552.0	-4039.3	7843	8.2	171939.9	-4013.8	7933	9.3	172844.5	-4032.7
7664	9.8	164900.0	-4019.7	7754	9.8	170613.4	-4010.0	7844	9.6	171944.4	-4038.5	7934	8.1	172850.5	-4043.9
7665	10.0	164901.9	-4047.2	7755	8.6	170623.1	-4054.6	7845	9.4	171953.4	-4049.2	7935	9.0	172852.0	-4046.9
7666	9.8	164909.7	-4023.8	7756	8.3	170630.0	-4051.2	7846	9.7	171954.4	-4034.7	7936	9.7	172859.5	-4058.4
7667	9.4	164911.7	-4015.9	7757	10.4	170633.4	-4011.2	7847	9.4	171955.9	-4005.4	7937	9.5	172900.0	-4012.1
7668	9.2	164917.0	-4009.2	7758	10.4	170639.0	-4047.9	7848	9.7	172001.4	-4031.0	7938	9.3	172908.5	-4028.9
7669	8.5	164927.0	-4009.2	7759	10.2	170641.4	-4006.0	7849	9.7	172002.4	-4040.0	7939	8.7	172915.1	-4002.0
7670	8.1	164934.2	-4052.8	7760	8.7	170652.6	-4054.8	7850	9.6	172006.9	-4029.4	7940	9.4	172928.0	-4008.0
7671	9.8	164934.2	-4003.9	7761	9.5	170702.2	-4057.1	7851	8.0	172029.9	-4038.3	7941	8.8	172940.0	-4000.2
7672	10.4	164936.0	-4030.6	7762	8.8	170707.2	-4024.1	7852	9.6	172032.4	-4019.4	7942	8.8	172942.0	-4007.1
7673	10.2	164936.9	-4007.0	7763	9.2	170749.7	-4021.4	7853	9.6	172034.4	-4038.0	7943	9.3	172952.7	-4057.4
7674	9.2	164950.6	-4012.3	7764	8.7	170754.2	-4043.2	7854	8.9	172037.4	-4010.9	7944	9.2	172954.0	-4034.0
7675	10.4	164958.5	-4003.2	7765	9.6	170856.2	-4047.0	7855	8.2	172042.9	-4012.3	7945	9.6	172959.5	-4001.4
7676	10.2	165014.0	-4025.0	7766	9.7	170921.7	-4045.9	7856	9.6	172045.4	-4020.7	7946	9.6	173000.0	-4046.0
7677	10.2	165016.1	-4003.0	7767	9.7	170930.7	-4057.7	7857	9.6	172048.9	-4038.1	7947	9.3	173000.5	-4033.0
7678	10.4	165020.0	-4012.5	7768	9.5	170954.2	-4038.1	7858	9.2	172057.4	-4050.6	7948	8.3	173010.0	-4056.9
7679	10.0	165030.0	-4006.2	7769	9.3	171007.2	-4029.0	7859	9.6	172059.4	-4039.0	7949	9.2	173010.0	-4006.5
7680	8.8	165032.0	-4014.8	7770	9.5	171018.7	-4044.2	7860	9.2	172059.4	-4042.7	7950	9.7	173016.3	-4058.9
7681	10.4	165053.9	-4024.8	7771	9.6	171027.7	-4040.2	7861	9.3	172100.4	-4016.2	7951	9.7	173025.0	-4036.0
7682	10.4	165110.0	-4000.2	7772	9.7	171037.7	-4040.2	7862	9.4	172109.7	-4057.2	7952	9.7	173029.5	-4008.8
7683	9.4	165133.3	-4001.4	7773	9.7	171048.2	-4044.8	7863	9.7	172112.9	-4042.1	7953	9.2	173032.0	-4013.6
7684	10.4	165142.0	-4044.7	7774	8.5	171053.7	-4022.4	7864	8.9	172117.9	-4011.9	7954	9.6	173035.0	-4035.3
7685	10.4	165145.0	-4018.7	7775	9.4	171114.7	-4008.4	7865	9.2	172120.4	-4020.1	7955	9.6	173038.1	-4000.6
7686	9.6	165150.0	-4006.7	7776	9.5	171125.7	-4006.2	7866	9.6	172123.1	-4000.0	7956	9.7	173040.0	-4004.5
7687	10.4	165203.0	-4049.5	7777	9.1	171128.7	-4018.8	7867	9.6	172129.4	-4008.4	7957	9.6	173050.7	-4058.9
7688	10.4	165204.5	-4012.3	7778	9.7	171145.2	-4052.9	7868	9.4	172129.9	-4004.2	7958	9.7	173058.0	-4035.3
7689	9.8	165224.6	-4058.2	7779	8.9	171154.7	-4026.0	7869	9.4	172129.9	-4020.4	7959	9.6	173058.0	-4044.1
7690	10.4	165255.0	-4003.2	7780	9.6	171210.7	-4012.7	7870	9.4	172134.4	-4042.5	7960	9.4	173101.0	-4014.1
7691	8.8	165332.0	-4047.5	7781	8.9	171215.2	-4009.3	7871	8.5	172136.9	-4029.6	7961	9.7	173104.0	-4046.7
7692	10.2	165340.0	-4038.3	7782	8.9	171226.7	-4014.6	7872	9.6	172139.9	-4040.9	7962	9.7	173107.5	-4028.5
7693	9.4	165351.0	-4034.1	7783	9.3	171227.2	-4010.1	7873	9.6	172140.4	-4012.6	7963	8.2	173107.5	-4012.2
7694	7.9	165402.9	-4043.6	7784	9.7	171237.7	-4008.2	7874	8.6	172149.9	-4044.1	7964	9.3	173111.5	-4017.3
7695	10.4	165410.0	-4013.2	7785	8.7	171244.7	-4028.3	7875	9.7	172150.4	-4011.2	7965	9.1	173112.5	-4028.9
7696	10.4	165429.5	-4056.6	7786	8.2	171251.7	-4013.8	7876	9.5	172156.9	-4004.3	7966	9.2	173119.0	-4050.3
7697	10.4	165430.5	-4037.2	7787	9.7	171259.7	-4003.1	7877	9.7	172157.9	-4020.6	7967	9.5	173119.5	-4053.9
7698	9.8	165432.9	-4005.7	7788	9.7	171304.2	-4004.7	7878	9.7	172158.9	-4011.0	7968	9.2	173120.0	-4024.0
7699	9.8	165434.0	-4058.9	7789	9.6	171309.9	-4030.9	7879	8.5	172159.9	-4046.2	7969	9.1	173137.0	-4022.0
7700	9.8	165435.9	-4045.0	7790	8.0	171328.9	-4059.7	7880	8.3	172209.4	-4033.5	7970	9.7	173138.5	-4027.9
7701	10.2	165436.0	-4043.7	7791	9.3	171349.4	-4045.5	7881	9.3	172222.4	-4048.0	7971	8.9	173143.5	-4026.0
7702	10.4	165451.5	-4039.6	7792	8.7	171357.4	-4010.1	7882	9.7	172237.9	-4050.3	7972	9.7	173152.0	-4010.0
7703	10.0	165454.2	-4028.4	7793	9.6	171423.6	-4059.3	7883	9.6	172248.9	-4030.0	7973	9.6	173200.0	-4042.6
7704	9.6	165527.9	-4010.7	7794	9.4	171438.4	-4038.5	7884	8.6	172249.9	-4056.9	7974	9.4	173201.0	-4032.0
7705	10.4	165530.0	-4012.9	7795	8.8	171439.9	-4000.1	7885	9.6	172250.4	-4035.1	7975	8.9	173205.5	-4054.3
7706	10.2	165538.0	-4008.9	7796	9.2	171443.6	-4032.6	7886	7.5	172254.9	-4056.5	7976	9.7	173217.0	-4026.1
7707	10.4	165554.5	-4035.9	7797	9.7	171446.9	-4040.7	7887	9.7	172320.9	-4012.6	7977	9.7	173217.5	-4050.5
7708	9.8	165623.5	-4014.7	7798	9.3	171448.9	-4023.9	7888	9.0	172325.4	-4024.1	7978	7.8	173222.0	-4001.3
7709	9.4	165628.0	-4031.3	7799	9.3	171449.9	-4051.0	7889	8.9	172329.9	-4021.1	7979	9.6	173229.5	-4034.2
7710	10.4	165632.0	-4044.7	7800	8.9	171500.4	-4005.1	7890	8.9	172333.4	-4009.9	7980	8.7	173230.5	-4054.2
7711	8.1	165635.7	-4055.7	7801	9.7	171501.4	-4050.2	7891	9.2	172359.9	-4058.8	7981	9.2	173231.5	-4004.7
7712	10.4	165736.0	-4013.6	7802	9.7	171528.4	-4034.9	7892	9.6	172402.4	-4014.1	7982	9.7	173235.3	-4046.7
7713	10.4	165750.0	-4043.7	7803	9.4	171530.9	-4037.9	7893	8.8	172408.4	-4049.4	7983	9.2	173239.0	-4004.8
7714	10.4	165800.0	-4025.5	7804	8.6	171534.4	-4047.7	7894	9.6	172422.9	-4004.9	7984	9.2	173239.0	-4017.9
7715	9.8	165803.9	-4050.8	7805	9.5	171534.4	-4024.9	7895	9.3	172428.4	-4007.6	7985	9.3	173245.0	-4006.7
7716	10.4	165823.7	-4030.7	7806	9.6	171537.9	-4022.5	7896	9.5	172429.9	-4051.7	7986	9.7	173246.0	-4002.8
7717	9.4	165842.0	-4045.4	7807	8.9	171553.4	-4013.1	7897	9.4	172432.4	-4003.0	7987	9.6	173247.6	-4000.1
7718	9.2	165923.0	-4050.6	7808	9.5	171610.4	-4004.9	7898	9.4	172432.9	-4039.1	7988	9.6	173250.0	-4011.4
7719	9.8	165926.7	-4029.4	7809	9.6	171620.4	-4043.9	7899	9.6	172445.4	-4041.5	7989	9.7	173250.1	-4000.5
7720	7.4	165932.4	-4051.2	7810	9.2	171630.9	-4024.7	7900	9.4	172455.0	-4054.0	7990	9.7	173250.3	-4019.7
7721	9.6	165934.6	-4058.8	7811	9.7	171631.4	-4059.9	7901	9.4	172500.0	-4056.7	7991	9.7	173250.9	-4005.7
7722	9.0	165953.9	-4040.8	7812	9.4	171632.4	-4021.2	7902	9.4	172506.0	-4047.9	7992	9.7	173251.3	-4003.8
7723	9.8	165954.4	-4009.9	7813	9.7	171632.4	-4039.5	7903	9.4	172510.5	-4037.9	7993	8.8	173252.0	-4002.9
7724	9.6	170001.8	-4005.1	7814	9.3	171639.4	-4027.2	7904	9.2	172520.5	-4041.0	7994	9.7	173252.5	-4007.3
7725	10.4	170004.8	-4039.9	7815	9.7	171654.4	-4039.4	7905	7.8	172528.5	-4056.2	7995	9.7	173253.9	-4005.8
7726	10.4	170005.8	-4042.1	7816	9.5	171703.9	-4022.3	7906	7.6	172537.5	-4026.2	7996	9.6	173254.5	-4039.3
7727	10.0	170037.9	-4049.4	7817	9.3	171710.9	-4007.6	7907	8.7	172555.0	-4040.4	7997	9.7	173254.5	-4036.8
7728	10.4	170049.4	-4043.9	7818	8.6	171713.9	-4038.5	7908	9.7	172610.0	-4041.9	7998	9.7	173255.5	-4037.2

-40 7999 17h32m

-40 8358 17h53m

7999	9.7	173257.0	-4007.8	8089	9.4	173851.7	-4040.1	8179	9.2	174349.9	-4045.8
8000	9.7	173257.9	-4004.9	8090	10.2	173858.2	-4043.6	8180	9.2	174351.9	-4007.1
8001	9.7	173259.3	-4038.5	8091	9.9	173900.7	-4019.8	8181	8.8	174352.6	-4002.9
8002	9.6	173300.5	-4033.4	8092	9.0	173905.2	-4055.5	8182	10.2	174353.6	-4000.4
8003	8.4	173310.3	-4001.6	8093	9.9	173905.7	-4050.7	8183	9.7	174354.9	-4041.0
8004	9.7	173312.3	-4036.3	8094	9.9	173908.2	-4053.9	8184	9.8	174355.0	-4032.7
8005	9.7	173329.3	-4019.6	8095	8.9	173908.7	-4056.0	8185	9.0	174359.9	-4033.9
8006	8.6	173330.0	-4023.6	8096	9.9	173910.7	-4055.3	8186	10.1	174359.9	-4051.0
8007	9.4	173331.0	-4049.3	8097	9.7	173910.7	-4051.2	8187	9.6	174408.9	-4025.3
8008	10.0	173336.1	-4057.9	8098	9.8	173911.7	-4014.3	8188	10.2	174411.7	-4059.3
8009	10.2	173343.7	-4008.1	8099	9.8	173912.7	-4016.3	8189	10.0	174412.9	-4034.9
8010	10.1	173344.6	-4054.1	8100	10.0	173913.2	-4013.9	8190	9.6	174419.9	-4010.0
8011	10.2	173344.9	-4048.1	8101	8.8	173913.2	-4005.4	8191	9.6	174419.9	-4046.7
8012	10.2	173348.7	-4030.9	8102	9.7	173918.2	-4042.6	8192	9.9	174420.9	-4038.3
8013	10.2	173349.7	-4033.9	8103	10.2	173919.7	-4056.0	8193	9.4	174426.4	-4012.3
8014	10.2	173350.4	-4008.9	8104	9.6	173920.7	-4051.6	8194	8.5	174431.4	-4038.0
8015	9.2	173350.7	-4047.9	8105	10.0	173928.7	-4028.7	8195	10.2	174432.4	-4031.1
8016	9.6	173352.2	-4057.3	8106	9.7	173928.7	-4010.8	8196	9.4	174433.7	-4056.6
8017	10.0	173400.7	-4012.7	8107	9.2	173929.7	-4053.9	8197	8.9	174437.9	-4011.9
8018	8.7	173404.7	-4014.5	8108	9.7	173930.7	-4056.2	8198	10.2	174445.9	-4040.0
8019	8.4	173410.7	-4055.9	8109	9.8	173935.0	-4001.6	8199	10.2	174450.9	-4048.1
8020	10.2	173412.2	-4005.8	8110	10.1	173941.7	-4036.3	8200	9.4	174455.4	-4037.2
8021	10.2	173414.7	-4059.4	8111	10.0	173942.7	-4043.8	8201	10.2	174457.4	-4016.5
8022	9.9	173414.7	-4015.6	8112	10.2	173948.1	-4000.4	8202	9.6	174459.9	-4009.8
8023	9.9	173414.7	-4042.0	8113	10.2	173948.2	-4043.4	8203	9.4	174500.9	-4018.4
8024	10.2	173415.7	-4044.2	8114	10.2	173952.7	-4030.1	8204	10.0	174502.4	-4019.2
8025	9.9	173417.2	-4039.0	8115	10.2	173955.2	-4030.6	8205	9.4	174513.4	-4030.2
8026	10.2	173421.7	-4020.5	8116	9.2	173958.7	-4053.2	8206	9.4	174516.9	-4047.9
8027	8.8	173424.2	-4032.2	8117	10.0	173959.7	-4053.9	8207	10.0	174525.9	-4038.8
8028	10.2	173425.7	-4035.3	8118	9.0	174005.7	-4015.1	8208	8.8	174527.9	-4023.6
8029	10.2	173428.7	-4042.2	8119	9.6	174005.7	-4026.3	8209	10.2	174529.4	-4054.7
8030	10.2	173431.7	-4037.2	8120	8.7	174013.7	-4041.3	8210	9.0	174531.4	-4042.4
8031	9.0	173438.7	-4001.0	8121	10.0	174016.2	-4042.9	8211	9.6	174533.9	-4031.1
8032	9.4	173439.2	-4017.8	8122	9.8	174018.7	-4052.1	8212	10.2	174540.4	-4013.7
8033	10.1	173441.2	-4004.2	8123	10.2	174026.2	-4048.9	8213	10.1	174540.9	-4051.3
8034	10.1	173446.7	-4025.2	8124	10.0	174027.7	-4047.2	8214	9.7	174541.4	-4045.3
8035	9.4	173449.7	-4049.5	8125	9.8	174029.7	-4015.2	8215	9.8	174544.9	-4033.1
8036	9.0	173451.7	-4034.0	8126	8.6	174030.7	-4049.5	8216	9.8	174550.9	-4014.6
8037	10.0	173459.7	-4055.0	8127	9.8	174033.7	-4048.3	8217	10.2	174552.4	-4045.8
8038	9.6	173511.7	-4021.7	8128	10.0	174035.4	-4057.8	8218	9.0	174552.9	-4013.4
8039	10.2	173513.2	-4048.8	8129	10.1	174037.9	-4056.1	8219	8.8	174553.4	-4019.1
8040	9.9	173522.7	-4005.6	8130	10.0	174038.4	-4010.4	8220	10.1	174555.9	-4030.2
8041	9.4	173522.7	-4014.8	8131	9.7	174042.9	-4036.7	8221	10.1	174601.9	-4059.8
8042	9.4	173533.0	-4003.0	8132	10.2	174055.9	-4005.1	8222	10.2	174605.4	-4033.5
8043	8.6	173536.7	-4014.1	8133	10.2	174102.4	-4025.6	8223	9.6	174606.4	-4015.5
8044	10.1	173537.2	-4043.0	8134	9.0	174102.9	-4047.7	8224	10.0	174607.9	-4039.8
8045	9.2	173538.7	-4018.2	8135	10.2	174103.9	-4016.2	8225	9.8	174616.9	-4023.8
8046	10.2	173540.7	-4020.6	8136	10.0	174118.9	-4036.7	8226	9.8	174621.9	-4013.5
8047	10.2	173540.7	-4019.4	8137	10.2	174120.9	-4029.0	8227	9.8	174625.4	-4026.5
8048	10.2	173601.7	-4047.0	8138	5.9	174126.1	-4002.9	8228	9.2	174625.4	-4015.9
8049	9.0	173611.2	-4038.0	8139	9.0	174128.9	-4024.0	8229	10.0	174625.4	-4054.0
8050	10.2	173618.0	-4001.2	8140	9.4	174135.9	-4004.9	8230	10.2	174633.4	-4016.0
8051	10.2	173620.2	-4029.4	8141	9.9	174137.9	-4041.3	8231	10.0	174638.9	-4007.1
8052	10.2	173621.2	-4044.0	8142	10.2	174142.4	-4013.1	8232	10.1	174640.9	-4033.1
8053	8.5	173628.7	-4041.7	8143	10.1	174142.9	-4018.1	8233	10.2	174642.4	-4031.1
8054	9.9	173635.7	-4050.0	8144	9.2	174152.4	-4016.4	8234	10.2	174646.0	-4032.0
8055	10.1	173637.7	-4020.2	8145	10.1	174154.4	-4058.0	8235	10.1	174650.9	-4032.5
8056	9.2	173647.2	-4044.5	8146	9.4	174205.4	-4035.0	8236	9.8	174651.9	-4020.3
8057	8.9	173650.7	-4044.6	8147	8.9	174211.9	-4036.6	8237	10.2	174658.4	-4032.7
8058	9.9	173650.7	-4045.0	8148	9.2	174224.4	-4042.9	8238	10.0	174658.4	-4015.4
8059	9.9	173705.7	-4037.2	8149	10.2	174229.6	-4001.3	8239	10.2	174700.9	-4058.0
8060	10.2	173710.7	-4034.5	8150	10.2	174231.9	-4014.1	8240	10.0	174703.9	-4017.2
8061	9.6	173713.7	-4044.4	8151	9.6	174235.9	-4009.6	8241	9.0	174706.4	-4057.5
8062	10.1	173714.7	-4024.0	8152	10.0	174237.9	-4047.2	8242	10.2	174710.9	-4048.9
8063	10.1	173716.7	-4018.3	8153	10.0	174238.9	-4046.8	8243	9.8	174710.9	-4028.7
8064	9.2	173719.2	-4042.2	8154	8.0	174244.4	-4043.8	8244	9.6	174713.9	-4027.4
8065	10.2	173728.2	-4027.2	8155	10.2	174247.9	-4032.9	8245	9.8	174714.9	-4052.4
8066	8.7	173730.7	-4040.1	8156	10.2	174250.4	-4052.3	8246	10.2	174715.4	-4016.8
8067	9.8	173735.7	-4034.7	8157	10.2	174254.4	-4018.6	8247	9.4	174715.9	-4017.0
8068	9.8	173741.0	-4057.6	8158	10.1	174257.4	-4021.6	8248	10.1	174715.9	-4046.5
8069	8.8	173750.7	-4010.9	8159	10.2	174258.4	-4033.8	8249	10.2	174726.9	-4049.8
8070	8.2	173755.7	-4031.7	8160	8.7	174300.9	-4042.1	8250	9.8	174730.9	-4051.4
8071	9.2	173755.7	-4040.3	8161	10.1	174301.6	-4001.2	8251	9.0	174740.9	-4013.3
8072	10.0	173800.7	-4048.1	8162	9.0	174301.9	-4020.4	8252	9.6	174742.4	-4035.6
8073	10.2	173801.2	-4059.4	8163	10.1	174302.9	-4041.7	8253	10.0	174751.9	-4036.9
8074	9.7	173801.7	-4056.7	8164	9.9	174305.6	-4002.5	8254	9.9	174759.4	-4046.0
8075	7.9	173804.7	-4020.3	8165	10.2	174305.9	-4049.0	8255	9.7	174800.9	-4041.5
8076	10.2	173810.7	-4018.1	8166	10.0	174305.9	-4021.2	8256	8.7	174801.9	-4021.7
8077	7.9	173818.2	-4048.4	8167	10.2	174310.9	-4044.0	8257	10.1	174807.9	-4005.5
8078	10.0	173820.7	-4042.1	8168	9.8	174312.9	-4033.2	8258	8.1	174809.9	-4016.9
8079	9.9	173824.7	-4025.6	8169	9.8	174314.4	-4036.4	8259	9.6	174809.9	-4046.5
8080	8.5	173825.7	-4050.6	8170	9.8	174315.9	-4028.0	8260	10.2	174811.9	-4010.5
8081	9.8	173828.7	-4049.2	8171	9.2	174320.4	-4000.6	8261	8.4	174814.9	-4046.8
8082	10.2	173830.5	-4000.0	8172	10.1	174321.9	-4016.3	8262	10.0	174817.9	-4026.2
8083	10.0	173835.2	-4032.3	8173	10.2	174326.4	-4032.2	8263	8.7	174818.9	-4006.0
8084	9.2	173835.7	-4050.2	8174	9.6	174329.1	-4000.0	8264	10.1	174825.9	-4043.6
8085	9.6	173838.7	-4052.9	8175	10.2	174330.9	-4052.0	8265	8.4	174827.9	-4043.4
8086	10.2	173845.2	-4044.6	8176	8.8	174344.4	-4010.4	8266	9.8	174828.4	-4001.1
8087	9.7	173846.2	-4025.3	8177	10.2	174348.9	-4052.9	8267	10.2	174830.9	-4048.8
8088	4.9	173850.3	-4004.6	8178	10.1	174348.9	-4013.4	8268	10.0	174832.4	-4054.0
8269	10.2	174832.4	-4002.2								
8270	9.9	174835.9	-4006.4								
8271	10.2	174842.4	-4008.2								
8272	9.7	174845.9	-4008.6								
8273	10.0	174848.9	-4053.4								
8274	10.0	174904.4	-4016.6								
8275	9.9	174906.7	-4059.8								
8276	9.7	174922.6	-4000.8								
8277	9.2	174938.9	-4008.0								
8278	8.5	174945.6	-4001.5								
8279	10.0	174946.9	-4045.0								
8280	8.5	174951.4	-4035.0								
8281	10.0	174952.9	-4059.2								
8282	10.0	174953.9	-4032.6								
8283	9.4	174958.4	-4038.0								
8284	10.2	175002.9	-4013.7								
8285	10.1	175005.9	-4046.3								
8286	10.1	175010.9	-4057.5								
8287	10.2	175011.4	-4007.7								
8288	9.6	175015.4	-4023.7								
8289	9.8	175021.9	-4041.5								
8290	9.8	175025.9	-4023.6								
8291	9.8	175026.9	-4039.0								
8292	9.8	175027.9	-4058.7								
8293	10.0	175029.9	-4007.2								
8294	10.2	175032.9	-4049.3								
8295	10.0	175034.9	-4045.4								
8296	9.8	175038.9	-4012.6								
8297	9.9	175040.4	-4031.0								
8298	8.3	175044.9	-4042.8								
8299	9.8	175046.9	-4003.3								
8300	9.2	175047.4	-4023.0								
8301	10.2	175050.9	-4044.2								
8302	10.2	175051.9	-4000.7								
8303	10.2	175053.4	-4002.4								
8304	10.2	175053.9	-4059.1								
8305	10.1	175055.4	-4015.9								
8306	9.8	175055.9	-4016.8								
8307	9.7	175101.9	-4049.0								
8308	10.2	175107.4	-4040.7								
8309	9.4	175110.6	-4000.4								
8310	8.4	175111.4	-4050.5								
8311	9.8	175112.9	-4027.1								
8312	10.0	175114.9	-4013.1								
8313	9.0	175115.4	-4026.3								
8314	10.1	175116.9	-4040.2								
8315	8.9	175123.4	-4035.3								
8316	10.0	175124.9	-4008.9								
8317	10.2	175130.4	-4050.9								
8318	10.0	175138.9	-4055.3								
8319	10.2	175141.0	-4057.8								
8320	10.0	175141.9	-4047.3								
8321	9.2	175144.9	-4019.5								
8322	9.8	175145.4	-4052.1								
8323	10.0	175145.9	-4023.1								
8324	9.4	175152.9	-4005.1								
8325	9.9	175200.9	-4039.7								
8326	9.6	175209.1	-4000.1								
8327	9.0	175214.9	-4006.3								
8328	9.2	175217.4	-4027.1								
8329	9.9	175220.9	-4021.3								
8330	7.9	175225.4	-4019.5								
8331	10.2	175227.4	-4051.7								
8332	10.2	175229.4	-4046.3								
8333	9.6	175229.9	-4004.7								
8334	9.9	175237.0	-4058.0								
8335	10.2	175240.9	-4045.4								
8336	10.2	175240.9	-4016.1								
8337	9.2	175243.4	-4012.3								
8338	9.2	175244.9	-4049.6								
8339	9.9	175255.3	-4032.8								
8340	10.2	175255.8	-4049.6								
8341	8.7	175259.3	-4006.5								
8342	9.4	175306.8	-4058.5								
8343	9.6	175308.3	-4024.0								
8344	9.6	175308.8	-4036.9								
8345	10.0	175318.3	-4048.0								
8346	9.6	175318.3	-4032.7								
8347	9.9	175320.3	-4012.6								
8348	10.0	175320.3	-4028.8								
8349	10.1	175325.7	-4059.5								
8350	10.2	175332.3	-4022.1								
8351	10.2	175340.3	-4002.1								
8352	8.6	175340.8	-4046.4								
8353	9.8	175340.8	-4033.5								
8354	10.2	175342.3	-4000.6								
8355	9.9	175345.3	-4026.9								
8356	9.4	175348.3	-4021.8								
8357	8.7	175348.3	-4004.9								
8358	9.0	175350.3	-4031.4								

-40 8359 17h53m

-40 8718 18h52m

8359	10.2	175353.3	-4011.2	8449	10.1	175845.3	-4033.6	8539	9.0	181231.2	-4054.0
8360	10.1	175354.8	-4003.1	8450	8.8	175854.3	-4005.7	8540	9.2	181245.5	-4053.9
8361	10.1	175355.8	-4036.6	8451	9.2	175903.3	-4028.8	8541	9.8	181251.0	-4058.0
8362	10.2	175356.3	-4033.8	8452	9.8	175911.3	-4048.5	8542	9.4	181251.7	-4012.0
8363	10.2	175405.3	-4029.8	8453	9.7	175911.3	-4037.2	8543	9.4	181312.2	-4008.9
8364	9.9	175410.3	-4050.7	8454	10.0	175913.3	-4009.0	8544	9.1	181321.7	-4049.6
8365	9.0	175420.8	-4019.9	8455	9.8	175918.3	-4010.9	8545	9.8	181348.7	-4010.3
8366	10.1	175430.8	-4009.1	8456	9.4	175919.3	-4002.3	8546	9.8	181356.7	-4048.1
8367	9.4	175433.3	-4011.2	8457	10.2	175920.3	-4020.4	8547	9.8	181407.1	-4001.6
8368	10.1	175434.3	-4019.6	8458	9.6	175920.3	-4006.9	8548	9.8	181416.7	-4013.7
8369	10.2	175435.8	-4054.6	8459	9.9	175920.3	-4021.9	8549	8.6	181458.7	-4031.8
8370	10.1	175440.3	-4033.5	8460	8.6	175925.3	-4004.3	8550	9.2	181459.2	-4016.7
8371	9.6	175457.8	-4002.0	8461	10.1	175926.3	-4023.4	8551	9.8	181504.5	-4031.7
8372	9.7	175457.8	-4021.0	8462	8.9	175930.1	-4047.5	8552	7.8	181530.7	-4047.5
8373	9.7	175458.3	-4007.4	8463	10.1	175932.3	-4004.4	8553	9.0	181533.7	-4037.6
8374	9.9	175501.8	-4059.3	8464	9.8	175940.3	-4031.1	8554	9.7	181546.8	-4019.3
8375	10.2	175510.3	-4016.3	8465	9.6	175945.8	-4054.9	8555	9.7	181555.7	-4038.7
8376	9.4	175520.3	-4025.9	8466	9.7	175950.3	-4003.8	8556	9.8	181600.5	-4010.4
8377	9.8	175522.3	-4047.8	8467	9.2	180000.6	-4005.6	8557	9.8	181606.0	-4046.4
8378	9.8	175524.3	-4038.7	8468	10.0	180005.8	-4056.8	8558	9.0	181619.5	-4021.8
8379	10.2	175528.3	-4035.9	8469	8.6	180006.3	-4034.3	8559	9.1	181638.5	-4000.8
8380	9.8	175529.0	-4057.5	8470	9.6	180009.3	-4040.0	8560	9.8	181641.5	-4019.2
8381	10.0	175530.3	-4019.0	8471	9.8	180009.3	-4025.9	8561	9.8	181643.2	-4018.5
8382	10.2	175533.3	-4056.2	8472	9.8	180009.3	-4012.9	8562	9.6	181645.5	-4012.9
8383	9.6	175536.8	-4044.3	8473	9.4	180009.4	-4046.6	8563	9.1	181649.5	-4033.4
8384	9.8	175540.3	-4001.2	8474	9.6	180014.3	-4010.4	8564	9.8	181652.5	-4015.2
8385	9.4	175540.9	-4001.4	8475	9.9	180019.3	-4039.3	8565	9.4	181708.5	-4052.3
8386	9.6	175546.3	-4017.5	8476	9.7	180022.3	-4055.4	8566	9.6	181711.5	-4012.8
8387	9.9	175548.3	-4007.6	8477	9.8	180025.3	-4027.4	8567	9.0	181723.0	-4007.0
8388	10.2	175548.3	-4031.8	8478	9.8	180026.3	-4023.3	8568	9.8	181725.0	-4050.4
8389	7.7	175550.3	-4038.2	8479	10.2	180027.8	-4013.1	8569	9.2	181750.5	-4006.4
8390	10.1	175554.8	-4024.6	8480	9.8	180028.8	-4031.4	8570	9.7	181757.0	-4018.4
8391	10.2	175600.4	-4023.1	8481	9.7	180030.5	-4005.8	8571	9.1	181801.5	-4049.7
8392	10.2	175602.3	-4022.1	8482	9.8	180031.2	-4006.7	8572	9.8	181813.5	-4000.4
8393	8.4	175603.3	-4050.7	8483	9.8	180044.5	-4017.7	8573	9.6	181817.0	-4028.9
8394	10.0	175606.3	-4036.0	8484	9.0	180151.0	-4012.9	8574	9.8	181821.8	-4006.1
8395	10.2	175607.3	-4008.7	8485	9.1	180153.5	-4033.5	8575	9.7	181825.5	-4023.9
8396	9.8	175609.8	-4020.9	8486	9.6	180154.0	-4009.4	8576	9.8	181853.6	-4022.2
8397	10.1	175610.3	-4040.3	8487	9.8	180157.2	-4033.7	8577	9.8	181856.4	-4052.1
8398	10.0	175612.3	-4047.2	8488	7.8	180201.0	-4026.9	8578	9.7	181926.2	-4004.5
8399	10.2	175614.3	-4008.6	8489	7.8	180234.5	-4019.6	8579	9.0	181930.2	-4034.3
8400	10.2	175621.8	-4040.0	8490	9.7	180254.0	-4046.3	8580	9.7	181936.2	-4041.9
8401	9.0	175622.3	-4026.9	8491	8.8	180254.5	-4026.0	8581	9.1	181939.7	-4019.8
8402	9.6	175627.8	-4057.7	8492	8.5	180257.5	-4013.8	8582	9.4	181940.2	-4011.0
8403	9.8	175629.3	-4014.1	8493	9.8	180301.0	-4031.9	8583	9.8	182014.6	-4028.9
8404	9.7	175649.3	-4054.9	8494	9.7	180303.0	-4050.5	8584	9.0	182034.7	-4025.6
8405	10.2	175651.3	-4028.3	8495	9.8	180311.0	-4035.2	8585	9.7	182040.2	-4049.6
8406	9.8	175652.3	-4019.7	8496	9.4	180313.0	-4022.6	8586	9.8	182041.2	-4048.4
8407	9.6	175658.8	-4045.8	8497	8.8	180316.5	-4022.2	8587	9.8	182100.4	-4059.8
8408	9.8	175702.3	-4024.9	8498	9.8	180400.0	-4025.0	8588	9.6	182111.2	-4027.9
8409	10.2	175710.3	-4038.1	8499	9.8	180417.0	-4040.3	8589	9.6	182124.7	-4027.3
8410	9.7	175711.8	-4037.5	8500	9.8	180447.0	-4041.1	8590	9.8	182134.6	-4015.6
8411	9.2	175721.3	-4030.3	8501	9.8	180500.5	-4042.4	8591	9.8	182140.4	-4046.9
8412	9.8	175723.3	-4035.3	8502	9.7	180544.5	-4021.8	8592	9.8	182217.1	-4016.7
8413	9.6	175730.3	-4032.1	8503	9.8	180617.0	-4051.0	8593	9.8	182234.5	-4003.6
8414	10.2	175730.3	-4021.5	8504	9.8	180619.5	-4051.8	8594	9.8	182236.7	-4019.6
8415	9.2	175730.8	-4057.8	8505	9.0	180626.0	-4054.7	8595	9.6	182240.2	-4019.1
8416	9.4	175735.8	-4059.5	8506	9.8	180629.8	-4055.2	8596	9.2	182317.2	-4051.0
8417	10.1	175735.8	-4048.8	8507	9.1	180630.0	-4017.4	8597	9.0	182326.2	-4050.1
8418	9.2	175738.3	-4003.7	8508	9.7	180654.7	-4008.4	8598	8.6	182337.7	-4006.0
8419	9.4	175745.3	-4014.8	8509	9.4	180710.7	-4013.3	8599	9.8	182341.7	-4008.9
8420	9.0	175749.8	-4014.2	8510	9.4	180711.7	-4048.4	8600	9.2	182346.7	-4021.8
8421	10.2	175754.3	-4042.1	8511	9.8	180724.8	-4034.8	8601	8.8	182424.5	-4058.3
8422	10.1	175756.3	-4036.9	8512	9.8	180731.7	-4035.5	8602	9.6	182451.7	-4055.5
8423	9.4	175757.8	-4022.3	8513	9.4	180733.2	-4023.6	8603	9.8	182530.0	-4017.9
8424	10.2	175801.3	-4045.1	8514	9.7	180733.7	-4036.9	8604	9.8	182600.2	-4047.8
8425	9.0	175801.8	-4005.3	8515	7.4	180736.2	-4030.4	8605	9.1	182600.2	-4002.9
8426	10.0	175805.3	-4010.6	8516	8.1	180755.7	-4016.5	8606	9.8	182616.4	-4016.8
8427	9.8	175807.8	-4057.0	8517	9.6	180802.2	-4030.0	8607	9.8	182624.7	-4054.3
8428	9.0	175810.3	-4004.9	8518	9.6	180827.7	-4024.7	8608	9.8	182703.7	-4043.6
8429	10.1	175810.3	-4022.5	8519	9.6	180835.7	-4026.2	8609	9.8	182729.7	-4026.1
8430	10.2	175813.8	-4029.4	8520	9.8	180845.2	-4035.8	8610	9.8	182735.0	-4000.8
8431	10.2	175814.8	-4057.1	8521	9.8	180846.7	-4052.3	8611	10.2	182805.4	-4052.0
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8983	10.2	191816.0	-4041.8
8984	8.7	191818.0	-4019.1
8985	10.8	191821.0	-4007.4
8986	10.2	191829.0	-4041.5
8987	10.2	191833.0	-4037.8
8988	8.7	191835.5	-4007.5
8989	10.8	191836.5	-4033.2
8990	9.8	191839.5	-4017.0
8991	10.0	191839.5	-4041.5
8992	10.8	191840.0	-4054.0
8993	10.4	191852.5	-4056.5
8994	8.8	191855.5	-4046.3
8995	10.8	191905.0	-4010.1
8996	7.7	191906.5	-4020.5
8997	10.8	191906.5	-4013.1
8998	10.6	191908.0	-4041.0
8999	10.4	191912.5	-4053.4
9000	10.8	191912.5	-4005.5
9001	9.2	191914.5	-4014.1
9002	9.0	191916.0	-4059.4
9003	10.4	191925.0	-4045.2
9004	9.0	191932.5	-4042.7
9005	9.8	191939.8	-4027.1
9006	10.2	191942.5	-4003.3
9007	10.8	191950.0	-4032.3
9008	10.0	191950.0	-4034.6
9009	8.8	191951.0	-4033.0
9010	10.0	191958.0	-4058.2
9011	10.8	192011.0	-4032.5
9012	10.6	192013.0	-4050.9
9013	10.4	192014.0	-4028.3
9014	10.8	192017.8	-4017.7
9015	10.4	192019.5	-4011.4
9016	10.2	192020.0	-4000.5
9017	9.6	192021.5	-4034.5
9018	10.8	192024.0	-4034.4
9019	10.6	192029.5	-4019.5
9020	10.0	192032.0	-4024.5
9021	10.8	192033.5	-4039.5
9022	10.8	192050.0	-4035.7
9023	9.4	192104.5	-4055.5
9024	10.3	192109.2	-4031.8
9025	10.4	192109.8	-4021.8
9026	9.9	192113.1	-4002.1
9027	10.4	192114.0	-4029.2
9028	10.4	192125.6	-4010.7
9029	9.0	192130.1	-4026.1
9030	10.4	192131.6	-4023.7
9031	8.4	192209.1	-4042.7
9032	10.4	192229.1	-4056.8
9033	10.4	192305.1	-4033.7
9034	9.0	192421.3	-4000.2
9035	9.2	192529.1	-4003.1
9036	7.2	192533.6	-4017.9
9037	10.4	192610.3	-4013.5
9038	9.8	192621.8	-4003.5
9039	10.2	192629.8	-4003.7
9040	10.4	192649.8	-4051.0
9041	8.8	192651.8	-4007.6
9042	10.4	192707.8	-4054.1
9043	10.3	192708.8	-4052.0
9044	8.8	192713.8	-4046.0
9045	10.4	192733.8	-4000.5
9046	10.2	192734.3	-4019.1
9047	3.8	192839.8	-4001.0
9048	10.4	192856.8	-4022.3
9049	10.3	192911.8	-4048.0
9050	10.4	192917.8	-4022.6
9051	10.2	192924.8	-4027.8
9052	10.4	192927.8	-4038.7
9053	10.4	192934.8	-4014.1
9054	10.2	192937.4	-4001.4
9055	10.2	192938.3	-4022.1
9056	10.4	192943.8	-4003.8
9057	10.4	192945.8	-4005.8
9058	9.6	193010.8	-4030.5
9059	10.4	193046.3	-4030.3
9060	9.2	193049.8	-4030.8
9061	10.4	193055.3	-4052.1
9062	8.8	193055.6	-4033.9
9063	10.4	193056.6	-4054.9
9064	9.9	193102.6	-4006.8
9065	8.8	193107.6	-4008.1
9066	8.1	193109.6	-4001.6
9067	10.3	193116.1	-4010.0
9068	10.4	193151.9	-4044.9
9069	10.3	193157.6	-4031.1
9070	10.4	193211.1	-4042.7
9071	10.4	193233.5	-4000.2
9072	10.0	193245.6	-4013.2
9073	10.2	193248.6	-4014.7
9074	10.0	193251.6	-4046.7
9075	10.4	193259.1	-4002.9
9076	10.4	193347.6	-4004.2
9077	9.6	193352.9	-4025.2
9078	9.4	193409.6	-4057.8

-40 9078 19h34m

-40 9079 19h34m

-40 9438 20h54m

9079	9.2	193427.4	-4023.8	9169	10.6	195338.7	-4009.9	9259	8.8	200813.9	-4050.5
9080	10.4	193437.4	-4056.5	9170	10.8	195350.2	-4026.0	9260	9.2	200817.4	-4000.9
9081	9.8	193451.9	-4044.1	9171	9.4	195352.2	-4019.6	9261	10.0	200827.4	-4025.2
9082	10.4	193458.9	-4008.3	9172	10.2	195443.2	-4034.0	9262	10.8	200831.4	-4028.9
9083	9.9	193519.4	-4029.0	9173	9.6	195450.2	-4025.1	9263	11.0	200839.4	-4013.6
9084	9.4	193524.4	-4043.7	9174	10.6	195452.2	-4053.4	9264	11.0	200840.9	-4054.9
9085	9.6	193530.4	-4041.5	9175	8.8	195512.2	-4019.2	9265	11.0	200856.4	-4042.2
9036	9.9	193602.4	-4018.3	9176	8.0	195530.2	-4016.5	9266	11.0	200902.4	-4048.0
9087	10.4	193620.3	-4057.5	9177	9.8	195535.2	-4009.9	9267	10.2	200908.9	-4042.2
9088	10.0	193620.9	-4032.0	9178	11.0	195536.7	-4006.6	9268	7.2	200926.9	-4034.2
9089	9.4	193624.4	-4023.9	9179	10.8	195550.2	-4031.1	9269	11.0	200936.9	-4024.8
9090	10.3	193631.9	-4028.0	9180	11.0	195550.7	-4029.9	9270	9.4	200939.9	-4033.1
9091	10.3	193634.9	-4031.2	9181	11.0	195622.2	-4038.4	9271	10.2	201009.4	-4023.8
9092	9.9	193640.4	-4044.2	9182	10.2	195637.2	-4036.8	9272	11.0	201021.9	-4049.5
9093	10.2	193641.9	-4046.8	9183	10.6	195641.2	-4002.6	9273	9.4	201041.4	-4036.6
9094	10.4	193659.4	-4053.7	9184	9.8	195648.2	-4049.7	9274	11.0	201121.1	-4043.0
9095	10.4	193659.4	-4022.9	9185	10.2	195659.7	-4003.0	9275	9.4	201127.6	-4020.4
9096	10.0	193729.4	-4026.2	9186	10.6	195704.2	-4015.5	9276	8.2	201132.1	-4004.0
9097	10.0	193733.7	-4015.6	9187	9.2	195711.2	-4015.2	9277	10.6	201134.8	-4001.7
9098	10.4	193759.2	-4009.5	9188	10.6	195720.7	-4013.2	9278	10.0	201209.1	-4020.8
9099	10.4	193817.7	-4044.6	9189	11.0	195730.2	-4024.7	9279	10.6	201244.1	-4018.0
9100	9.6	193826.2	-4047.9	9190	9.0	195731.7	-4019.7	9280	10.8	201324.1	-4012.6
9101	10.0	193829.2	-4014.6	9191	9.4	195751.2	-4029.6	9281	10.8	201328.8	-4030.2
9102	8.2	193829.2	-4015.2	9192	10.6	195755.2	-4007.8	9282	11.0	201330.1	-4013.0
9103	10.4	193845.2	-4027.2	9193	10.4	195812.7	-4000.4	9283	11.0	201331.1	-4032.8
9104	10.4	193852.2	-4056.7	9194	9.2	195818.3	-4052.3	9284	9.0	201340.4	-4032.3
9105	10.4	193919.2	-4016.3	9195	10.6	195846.8	-4025.2	9285	10.6	201341.1	-4007.3
9106	10.2	193930.2	-4034.0	9196	11.0	195849.8	-4056.1	9286	11.0	201347.1	-4034.2
9107	8.8	193935.2	-4045.7	9197	11.0	195854.3	-4053.9	9287	9.2	201409.4	-4047.6
9108	8.2	193936.2	-4032.6	9198	9.4	195903.8	-4005.6	9288	9.8	201417.2	-4013.1
9109	10.3	194019.2	-4003.4	9199	11.0	195928.8	-4013.4	9289	9.2	201549.7	-4056.5
9110	9.8	194022.2	-4031.2	9200	8.0	195929.8	-4011.9	9290	9.5	201556.7	-4008.3
9111	9.8	194103.2	-4053.4	9201	10.6	195935.8	-4012.2	9291	10.0	201605.2	-4039.9
9112	10.3	194117.2	-4016.2	9202	8.4	195942.8	-4044.2	9292	10.4	201630.7	-4009.9
9113	9.8	194200.0	-4045.0	9203	10.6	200029.6	-4000.0	9293	10.2	201649.2	-4031.1
9114	10.4	194207.0	-4016.5	9204	11.0	200051.8	-4014.9	9294	9.5	201711.2	-4012.6
9115	10.3	194232.6	-4058.1	9205	11.0	200118.8	-4059.0	9295	10.4	201815.7	-4025.1
9116	9.6	194241.0	-4031.0	9206	11.0	200120.3	-4054.3	9296	9.6	201820.2	-4019.4
9117	9.6	194252.0	-4021.3	9207	10.2	200120.8	-4051.9	9297	9.5	201821.7	-4019.8
9118	10.2	194256.0	-4030.6	9208	10.2	200120.8	-4037.4	9298	8.8	201824.9	-4049.1
9119	9.9	194300.0	-4052.6	9209	10.1	200122.8	-4005.6	9299	10.4	201827.9	-4010.9
9120	5.8	194321.0	-4011.3	9210	11.0	200147.3	-4032.8	9300	9.2	201934.4	-4025.3
9121	10.2	194338.5	-4048.9	9211	11.0	200201.3	-4052.9	9301	10.4	201946.9	-4050.3
9122	10.3	194409.0	-4040.1	9212	11.0	200209.8	-4017.8	9302	10.0	202026.9	-4015.9
9123	10.3	194428.5	-4032.5	9213	10.6	200217.8	-4012.2	9303	8.8	202135.4	-4047.3
9124	8.8	194440.5	-4035.8	9214	11.0	200220.3	-4045.5	9304	10.2	202138.4	-4058.2
9125	8.8	194449.0	-4041.4	9215	11.0	200237.3	-4058.2	9305	10.4	202138.9	-4028.1
9126	9.2	194529.0	-4037.4	9216	11.0	200240.8	-4027.0	9306	8.8	202150.9	-4039.1
9127	8.6	194539.5	-4030.1	9217	11.0	200241.8	-4026.4	9307	10.4	202152.9	-4051.9
9128	10.4	194546.0	-4032.3	9218	10.8	200242.3	-4041.8	9308	9.9	202236.9	-4008.7
9129	11.0	194633.8	-4018.4	9219	10.6	200245.8	-4054.1	9309	10.4	202341.4	-4031.2
9130	10.6	194649.8	-4017.5	9220	10.6	200259.8	-4019.1	9310	9.8	202351.6	-4052.1
9131	11.0	194655.8	-4045.4	9221	11.0	200304.8	-4037.6	9311	9.0	202423.1	-4040.1
9132	9.2	194702.1	-4054.6	9222	10.6	200311.8	-4011.9	9312	9.4	202443.1	-4012.9
9133	9.0	194727.6	-4043.1	9223	9.2	200329.8	-4026.7	9313	10.2	202509.6	-4025.3
9134	11.0	194728.6	-4039.5	9224	9.8	200332.8	-4021.9	9314	10.4	202523.6	-4042.3
9135	11.0	194742.1	-4038.9	9225	10.8	200334.3	-4052.1	9315	7.5	202527.9	-4058.9
9136	11.0	194802.6	-4052.4	9226	10.2	200339.8	-4006.0	9316	8.8	202531.9	-4001.9
9137	10.4	194811.3	-4045.2	9227	10.0	200350.8	-4033.7	9317	9.6	202538.6	-4011.5
9138	11.0	194820.3	-4005.6	9228	10.6	200451.3	-4014.2	9318	10.4	202551.1	-4045.6
9139	10.6	194830.3	-4057.0	9229	10.4	200456.8	-4048.4	9319	10.2	202629.4	-4058.1
9140	10.6	194840.3	-4053.9	9230	10.0	200500.3	-4007.9	9320	10.4	202631.6	-4023.1
9141	9.1	194841.8	-4054.5	9231	10.0	200502.3	-4003.0	9321	8.4	202702.6	-4042.6
9142	9.2	194930.3	-4050.9	9232	10.6	200503.8	-4018.9	9322	10.2	202717.6	-4042.6
9143	11.0	194933.6	-4051.2	9233	11.0	200519.8	-4019.9	9323	8.3	202735.1	-4006.7
9144	10.6	194935.3	-4031.4	9234	10.2	200524.4	-4036.9	9324	10.4	202745.9	-4000.0
9145	10.2	194954.8	-4002.6	9235	11.0	200536.9	-4057.4	9325	8.5	202748.1	-4011.3
9146	11.0	194955.8	-4049.9	9236	10.6	200543.9	-4030.5	9326	9.5	202820.1	-4035.3
9147	10.2	195006.8	-4008.0	9237	9.8	200548.4	-4017.6	9327	9.9	202840.1	-4006.3
9148	9.1	195009.8	-4052.6	9238	10.4	200559.4	-4012.9	9328	9.9	202851.8	-4000.4
9149	10.8	195010.3	-4049.3	9239	11.0	200619.4	-4047.2	9329	8.6	202857.6	-4021.3
9150	10.8	195018.3	-4003.3	9240	9.2	200621.4	-4031.8	9330	10.2	202913.6	-4018.0
9151	9.4	195023.8	-4011.1	9241	10.8	200622.9	-4046.1	9331	10.4	202953.1	-4019.6
9152	9.4	195050.3	-4001.7	9242	8.0	200643.9	-4005.7	9332	10.2	202959.4	-4059.5
9153	10.0	195113.3	-4050.5	9243	10.2	200650.9	-4047.9	9333	9.5	202959.4	-4024.4
9154	10.2	195115.3	-4050.1	9244	10.6	200701.9	-4030.9	9334	9.2	203011.9	-4036.2
9155	10.0	195151.8	-4000.2	9245	11.0	200702.9	-4047.9	9335	10.4	203015.4	-4002.8
9156	9.4	195202.7	-4021.3	9246	8.6	200705.9	-4024.5	9336	10.2	203020.9	-4016.8
9157	10.2	195208.2	-4030.5	9247	10.6	200707.9	-4058.9	9337	9.5	203027.9	-4032.9
9158	8.4	195213.2	-4032.3	9248	11.0	200712.4	-4056.8	9338	9.4	203035.9	-4048.2
9159	9.4	195217.2	-4013.7	9249	10.2	200713.9	-4009.4	9339	10.2	203057.9	-4015.0
9160	9.4	195242.2	-4020.6	9250	9.2	200718.9	-4000.8	9340	9.0	203107.4	-4051.2
9161	11.0	195246.2	-4047.9	9251	11.0	200721.4	-4001.6	9341	9.4	203107.4	-4013.7
9162	10.8	195251.2	-4002.0	9252	10.6	200723.9	-4008.5	9342	8.6	203228.4	-4013.7
9163	10.0	195300.2	-4028.1	9253	11.0	200734.4	-4024.6	9343	9.2	203327.9	-4052.0
9164	10.8	195306.7	-4018.5	9254	10.6	200735.4	-4038.7	9344	9.5	203332.4	-4036.6
9165	11.0	195308.2	-4037.9	9255	10.0	200744.4	-4026.8	9345	9.5	203412.1	-4053.4
9166	11.0	195309.2	-4040.9	9256	9.1	200748.4	-4007.4	9346	10.2	203436.6	-4048.0
9167	9.6	195325.2	-4056.1	9257	11.0	200749.4	-4024.5	9347	7.3	203441.1	-4000.3
9168	11.0	195327.2	-4027.4	9258	8.2	200800.4	-4034.7	9348	10.4	203502.1	-4010.8
								9349	10.2	203512.6	-4005.5
								9350	10.2	203512.6	-4036.3
								9351	8.5	203529.1	-4030.3
								9352	9.8	203536.1	-4047.5
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								9354	10.4	203608.6	-4051.5
								9355	9.6	203616.6	-4055.0
								9356	10.2	203626.6	-4003.8
								9357	10.0	203637.3	-4025.2
								9358	8.4	203641.1	-4000.7
								9359	9.9	203649.1	-4028.2
								9360	10.4	203702.1	-4034.5
								9361	10.2	203710.6	-4015.8
								9362	9.5	203725.1	-4017.0
								9363	9.9	203728.4	-4057.8
								9364	9.4	203738.6	-4019.3
								9365	10.4	203801.7	-4030.1
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								9367	10.4	203836.3	-4022.1
								9368	10.4	203850.1	-4036.8
								9369	10.2	203858.9	-4009.0
								9370	10.2	203909.1	-4015.9
								9371	10.2	203915.9	-4006.2
								9372	9.8	203921.1	-4023.9
								9373	9.9	203924.4	-4022.7
								9374	10.0	203926.9	-4000.2
								9375	10.2	203929.4	-4019.8
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								9377	8.0	204007.9	-4027.4
								9378	10.4	204049.6	-4007.7
								9379	10.4	204050.0	-4008.4
								9380	9.4	204052.5	-4013.4
								9381	10.8	204103.1	-4048.6
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								9383	10.5	204221.1	-4027.6
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								9385	10.1	204300.6	-4013.5
								9386	10.9	204309.6	-4034.1
								9387	10.2	204323.1	-4045.0
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								9389	10.9	204401.6	-4009.3
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								9392	9.7	204436.6	-4040.4
								9393	8.6	204439.6	-4050.8
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								9396	10.9	204516.6	-4016.8
								9397	10.8	204520.1	-4029.0
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								9399	6.4	204532.1	-4016.5
								9400	10.6	204536.1	-4031.3
								9401	10.8	204558.1	-4005.0
								9402	10.6	204558.6	-4010.0
								9403	9.4	204608.6	-4041.6
								9404	7.6	204629.6	-4023.9
								9405	10.6	204648.6	-4004.2
								9406	9.2	204721.1	-4053.2
								9407	8.6	204721.1	-4041.4
								9408	10.2	204737.1	-4006.6
								9409	10.0	204758.1	-4021.0
								9410	10.2	204759.6	-4013.9
								9411	10.8	204832.6	-4038.2
								9412	10.0	204838.6	-4008.2
								9413	9.0	204844.0	-4056.3
								9414	10.8	204905.6	-4040.5
								9415	10.9	204919.1	-4012.1
								9416	10.9	204920.1	-4020.6
								9417	10.9	204922.1	-4010.8
								9418	9.1	204933.1	-4020.1
								9419	10.4	204940.1	-4031.2
								9420	10.6	204950.1	-4046.0
								9421	10.2	205013.6	-4024.2
								9422	10.9	205016.1	-4042.6
								9423	9.8	205018.1	-4052.1
								9424	10.9	205033.6	-4038.0
								9425	10.6	205118.1	-4025.7
								9426	10.0	205125.6	-4031.4
								9427	10.9	205142.6	-4000.0
								9428	9.7	205151.1	-4035.2
								9429	10.6	205158.1	-4023.8
								9430	8.4	205206.1	-4035.7
								9431	10.6	205210.1	-4053.3
								9432	9.0	205247.1	-4043.2
								9433	10.9	205301.6	-4045.7
								9434	10.9	205314.0	-4000.7
								9435	10.9	205324.6	-4023.8
								9436	10.9	205339.6	-4046.6
								9437	10.9	205424.6	-4021.0
								9438	9.4	205437.6	-4048.0

-40 9439 20h55m

-40 9798 23h06m

9439	10.9	205501.1	-4007.9	9529	7.6	211535.2	-4047.0
9440	9.4	205507.1	-4021.6	9530	8.8	211542.2	-4013.2
9441	9.0	205532.6	-4010.4	9531	7.4	211545.2	-4018.5
9442	9.8	205532.6	-4040.6	9532	8.6	211550.2	-4019.9
9443	9.4	205554.1	-4001.5	9533	10.4	211553.7	-4027.6
9444	10.9	205554.6	-4035.8	9534	10.4	211558.2	-4012.3
9445	10.9	205557.1	-4023.8	9535	7.6	211608.2	-4033.6
9446	8.6	205558.6	-4030.6	9536	9.4	211612.2	-4026.1
9447	9.4	205600.1	-4007.8	9537	10.4	211618.2	-4000.6
9448	9.8	205602.6	-4022.6	9538	10.2	211633.2	-4003.4
9449	10.1	205608.1	-4012.7	9539	10.3	211711.7	-4026.0
9450	9.6	205608.1	-4004.2	9540	9.6	211715.7	-4050.9
9451	9.7	205640.0	-4057.6	9541	10.4	211728.2	-4013.7
9452	9.0	205711.6	-4003.2	9542	10.2	211829.3	-4057.0
9453	9.7	205720.6	-4024.9	9543	10.3	211830.2	-4031.0
9454	9.5	205728.6	-4002.3	9544	10.3	211840.2	-4019.9
9455	9.8	205739.1	-4046.4	9545	10.4	211917.2	-4011.6
9456	10.8	205755.1	-4042.1	9546	10.4	211924.2	-4021.2
9457	9.6	205830.1	-4041.4	9547	10.4	211930.2	-4008.6
9458	9.7	205844.6	-4034.4	9548	9.8	212007.2	-4010.5
9459	9.2	205849.3	-4002.8	9549	10.4	212020.7	-4000.6
9460	10.5	205902.6	-4014.2	9550	10.3	212023.7	-4027.5
9461	10.9	205939.6	-4044.7	9551	9.2	212041.7	-4056.6
9462	10.4	205946.1	-4007.0	9552	10.0	212122.2	-4050.7
9463	9.6	205950.6	-4019.3	9553	10.4	212137.2	-4015.0
9464	9.6	210002.1	-4053.7	9554	8.6	212158.1	-4056.8
9465	9.6	210002.1	-4023.0	9555	10.2	212208.3	-4006.2
9466	9.4	210027.1	-4050.8	9556	10.0	212231.8	-4037.8
9467	10.8	210049.5	-4056.3	9557	9.6	212238.3	-4041.6
9468	10.0	210058.5	-4022.3	9558	10.4	212311.8	-4006.9
9469	9.4	210115.0	-4003.3	9559	9.2	212406.3	-4038.2
9470	10.4	210115.0	-4037.1	9560	8.2	212419.8	-4044.5
9471	10.2	210127.0	-4003.4	9561	9.6	212419.8	-4011.6
9472	9.4	210129.5	-4028.1	9562	8.8	212457.3	-4031.6
9473	10.4	210200.5	-4003.3	9563	10.4	212604.8	-4019.4
9474	10.9	210219.0	-4044.2	9564	10.3	212609.8	-4024.1
9475	10.9	210220.0	-4052.0	9565	10.3	212627.8	-4012.2
9476	10.4	210225.0	-4029.3	9566	9.8	212633.3	-4011.4
9477	9.0	210234.5	-4052.9	9567	9.4	212643.8	-4047.3
9478	10.0	210238.5	-4059.5	9568	8.2	212652.8	-4004.8
9479	8.7	210242.5	-4035.6	9569	9.8	212724.9	-4015.9
9480	8.2	210243.0	-4028.7	9570	9.4	212738.5	-4058.8
9481	10.0	210248.0	-4034.4	9571	9.6	212820.4	-4017.3
9482	9.2	210248.0	-4023.9	9572	8.1	212832.4	-4053.2
9483	10.5	210256.7	-4000.9	9573	10.4	212837.9	-4020.7
9484	10.8	210307.0	-4034.3	9574	8.6	212849.4	-4023.3
9485	10.9	210308.0	-4054.3	9575	9.6	212920.4	-4054.8
9486	10.6	210315.0	-4029.9	9576	9.8	212952.4	-4013.3
9487	10.4	210353.0	-4018.9	9577	9.8	213009.4	-4010.6
9488	5.8	210411.5	-4046.4	9578	10.3	213045.9	-4047.6
9489	10.9	210412.0	-4011.1	9579	8.2	213117.4	-4005.5
9490	10.0	210425.5	-4058.0	9580	10.0	213142.9	-4045.1
9491	10.9	210436.5	-4055.5	9581	10.4	213219.9	-4005.7
9492	10.9	210507.0	-4049.3	9582	10.4	213239.4	-4022.3
9493	9.4	210531.0	-4039.0	9583	8.8	213251.4	-4021.1
9494	10.6	210554.7	-4000.7	9584	10.2	213300.9	-4025.3
9495	10.2	210609.3	-4007.5	9585	10.4	213331.9	-4019.8
9496	10.4	210610.0	-4020.5	9586	9.7	213421.5	-4044.9
9497	7.6	210611.0	-4028.5	9587	10.4	213452.5	-4010.4
9498	8.8	210618.7	-4016.0	9588	10.0	213459.5	-4038.9
9499	10.1	210623.5	-4034.8	9589	9.7	213517.3	-4000.1
9500	9.7	210649.9	-4032.0	9590	10.0	213609.5	-4036.4
9501	9.5	210650.7	-4020.2	9591	9.8	213749.5	-4010.8
9502	8.8	210820.9	-4051.1	9592	9.6	213751.5	-4018.1
9503	9.8	210824.9	-4006.2	9593	10.0	213841.5	-4042.5
9504	10.3	210902.9	-4048.8	9594	10.4	213909.2	-4004.4
9505	10.2	210909.9	-4028.2	9595	9.4	213916.7	-4024.2
9506	10.4	210945.9	-4017.4	9596	9.6	213956.2	-4021.8
9507	9.4	210949.4	-4033.0	9597	7.4	214008.2	-4005.3
9508	10.4	210949.9	-4024.8	9598	8.6	214014.7	-4049.4
9509	9.6	210952.9	-4016.2	9599	10.4	214032.2	-4030.3
9510	10.4	210959.4	-4015.7	9600	9.8	214033.7	-4040.4
9511	10.4	211011.9	-4005.4	9601	9.1	214106.7	-4003.8
9512	10.4	211012.9	-4016.7	9602	10.2	214129.2	-4016.0
9513	10.0	211020.9	-4044.9	9603	10.2	214242.7	-4012.0
9514	9.6	211102.1	-4040.7	9604	9.0	214249.2	-4021.2
9515	9.2	211140.0	-4000.0	9605	9.6	214253.7	-4033.6
9516	9.6	211141.1	-4022.8	9606	9.4	214329.7	-4044.9
9517	8.8	211148.6	-4034.8	9607	10.4	214339.2	-4021.4
9518	10.3	211155.6	-4005.1	9608	10.4	214340.7	-4023.2
9519	7.6	211222.6	-4059.5	9609	10.4	214340.9	-4018.9
9520	10.4	211249.1	-4037.2	9610	8.7	214347.2	-4037.6
9521	10.4	211320.6	-4042.3	9611	10.0	214357.7	-4051.0
9522	10.4	211325.5	-4002.4	9612	10.4	214430.2	-4032.0
9523	8.8	211340.1	-4033.2	9613	10.4	214439.2	-4022.2
9524	10.2	211349.1	-4025.8	9614	9.8	214512.7	-4053.1
9525	10.4	211357.1	-4042.3	9615	9.6	214517.2	-4026.6
9526	10.2	211405.6	-4029.0	9616	10.2	214559.2	-4029.0
9527	9.6	211429.6	-4007.0	9617	9.0	214637.2	-4031.8
9528	10.4	211501.6	-4039.7	9618	9.0	214639.2	-4031.4
9619	10.2	214710.7	-4052.0	9709	9.6	222710.2	-4050.8
9620	9.1	214801.2	-4049.0	9710	8.2	222725.0	-4042.6
9621	8.9	214903.7	-4000.6	9711	9.5	222800.2	-4027.1
9622	10.4	214929.2	-4027.7	9712	9.5	222803.7	-4052.6
9623	10.2	214932.7	-4048.2	9713	8.7	222822.2	-4010.5
9624	10.4	215010.4	-4059.8	9714	9.2	222842.2	-4057.6
9625	10.4	215030.7	-4005.8	9715	9.0	222949.2	-4010.9
9626	8.2	215035.2	-4045.2	9716	9.7	223006.7	-4009.0
9627	10.4	215041.9	-4045.9	9717	7.0	223032.2	-4030.2
9628	9.7	215057.2	-4046.8	9718	9.7	223055.2	-4022.5
9629	9.8	215105.2	-4029.8	9719	9.8	223057.2	-4056.0
9630	9.0	215119.7	-4007.0	9720	9.2	223350.0	-4049.5
9631	9.6	215156.8	-4000.8	9721	8.8	223409.2	-4000.1
9632	10.4	215159.2	-4004.0	9722	8.7	223432.0	-4006.7
9633	10.2	215212.7	-4023.0	9723	9.8	223442.5	-4035.6
9634	9.4	215215.2	-4020.0	9724	10.0	223500.5	-4052.4
9635	9.6	215236.4	-4024.3	9725	8.7	223532.0	-4017.3
9636	10.2	215247.4	-4014.3	9726	9.7	223548.0	-4002.0
9637	9.7	215418.4	-4019.6	9727	8.1	223603.5	-4039.7
9638	9.4	215420.9	-4055.0	9728	8.6	223617.5	-4047.0
9639	9.4	215426.9	-4047.4	9729	8.4	223710.0	-4023.5
9640	9.6	215428.9	-4045.3	9730	10.1	223729.5	-4001.1
9641	10.4	215448.9	-4009.9	9731	9.0	223759.0	-4031.1
9642	10.4	215453.9	-4019.5	9732	10.2	223832.5	-4027.3
9643	10.0	215504.4	-4052.8	9733	10.6	223851.5	-4056.2
9644	8.3	215512.4	-4015.4	9734	10.1	223920.4	-4016.1
9645	10.0	215555.9	-4035.2	9735	10.4	223920.5	-4043.6
9646	9.4	215600.9	-4011.4	9736	9.2	223922.5	-4008.2
9647	10.4	215638.8	-4011.5	9737	10.0	223949.8	-4001.9
9648	9.7	215707.9	-4051.1	9738	8.2	224006.0	-4006.8
9649	8.6	215726.4	-4018.5	9739	10.5	224041.0	-4004.5
9650	9.0	215829.3	-4051.0	9740	10.0	224114.0	-4042.5
9651	10.4	215834.3	-4027.2	9741	9.2	224152.0	-4012.2
9652	6.6	215834.3	-4008.6	9742	8.6	224154.5	-4031.9
9653	9.6	215923.0	-4014.4	9743	10.1	224203.5	-4020.0
9654	10.4	215939.3	-4013.9	9744	10.4	224248.5	-4035.1
9655	10.2	220010.3	-4032.8	9745	9.0	224404.0	-4033.2
9656	7.7	220115.2	-4004.5	9746	9.8	224426.0	-4039.6
9657	9.8	220155.7	-4050.3	9747	10.2	224426.0	-4020.2
9658	9.1	220217.7	-4013.8	9748	10.0	224430.5	-4014.8
9659	8.9	220312.2	-4051.9	9749	7.9	224624.0	-4005.0
9660	8.0	220331.2	-4053.6	9750	10.0	224629.5	-4018.8
9661	7.9	220331.7	-4009.5	9751	10.2	224716.5	-4013.7
9662	6.9	220459.7	-4049.0	9752	9.8	224729.5	-4029.9
9663	9.8	220526.7	-4040.2	9753	10.1	224742.5	-4000.7
9664	9.5	220614.7	-4039.8	9754	10.1	224845.5	-4012.2
9665	10.1	220638.7	-4053.6	9755	10.2	224900.5	-4028.7
9666	8.6	220650.7	-4021.8	9756	10.5	224906.5	-4015.3
9667	10.1	220748.7	-4004.5	9757	9.0	225139.5	-4035.2
9668	10.0	220751.7	-4018.4	9758	10.1	225233.2	-4016.4
9669	10.1	220758.7	-4011.9	9759	8.6	225346.0	-4034.0
9670	9.3	220827.7	-4056.6	9760	10.2	225434.5	-4007.0
9671	9.1	220847.7	-4024.7	9761	9.4	225446.0	-4037.2
9672	8.8	220907.2	-4053.0	9762	7.9	225457.5	-4025.6
9673	10.1	221100.1	-4021.9	9763	9.2	225507.5	-4053.0
9674	7.9	221116.2	-4010.5	9764	8.3	225541.5	-4026.4
9675	7.9	221127.2	-4033.0	9765	10.4	225609.8	-4048.2
9676	8.4	221154.2	-4054.6	9766	10.4	225655.0	-4041.2
9677	10.1	221214.7	-4007.6	9767	10.4	225742.5	-4038.8
9678	8.4	221319.7	-4041.2	9768	8.1	225858.5	-4005.5
9679	9.8	221336.2	-4039.3	9769	10.4	225932.0	-4033.7
9680	10.0	221358.2	-4051.2	9770	8.8	225938.3	-4058.1
9681	9.5	221404.2	-4053.8	9771	10.4	230114.0	-4032.4
9682	8.2	221449.7	-4026.4	9772	10.2	230120.0	-4033.1
9683	9.4	221459.7	-4035.9	9773	9.6	230131.0	-4002.9
9684	9.5	221503.2	-4021.4	9774	10.2	230136.5	-4028.6
9685	10.0	221507.7	-4024.1	9775	9.2	230148.0	-4020.1
9686	9.8	221602.2	-4005.9	9776	9.0	230151.0	-4056.4
9687	9.1	221616.2	-4041.1	9777	9.1	230154.0	-4018.1
9688	9.3	221642.2	-4021.0	9778	10.4	230234.5	-4007.3
9689	10.1	221708.7	-4057.7	9779	8.8	230256.5	-4044.8
9690	10.1	221740.1	-4003.2	9780	9.4	230302.5	-4039.8
9691	10.1	221746.2	-4036.8	9781	9.4	230303.0	-4040.6
9692	10.0	221751.2	-4046.1	9782	9.5	230310.0	-4009.2
9693	9.4	221807.7	-4007.2	9783	10.2	230316.0	-4058.5
9694	10.1	221826.2	-4029.0	9784	9.0	230318.0	-4000.4
9695	8.9	221840.2	-4045.2	9785	10.4	230320.0	-4020.0
9696	9.4	221841.7	-4024.4	9786	7.8	230327.5	-4042.6
9697	9.5	221915.2	-4000.8	9787	9.1	230332.0	-4019.6
9698	9.5	222150.3	-4049.9	9788	10.4	230345.5	-4049.5
9699	8.4	222157.3	-4054.5	9789	10.4	230349.8	-4008.1
9700	9.5	222200.3	-4050.2	9790	10.2	230400.3	-4034.5
9701	9.3	222211.8	-4039.3	9791	9.4	230454.8	-4045.6
9702	9.4	222305.3	-4032.7	9792	10.4	230535.8	-4026.9
9703	9.5	222342.8	-4054.0	9793	10.2	230548.8	-4056.0
9704	9.4	222345.3	-4017.3	9794	9.1	230553.3	-4009.9
9705	8.4	222420.3	-4037.1	9795	8.7	230557.1	-4027.4
9706	9.8	222421.8	-4019.7	9796	10.4	230558.1	-4000.9
9707	9.1	222448.3	-4003.9	9797	9.6	230558.3	-4035.8
9708	9.3	222640.3	-4047.9	9798	8.8	230647.8	-4023.2

9799 10.4 230727.4 -4002.8	9889 8.8 234630.6 -4042.6	67 10.0 03217.0 -4150.6	157 10.0 13255.9 -4138.4
9800 10.4 230801.8 -4040.6	9890 6.4 234805.6 -4059.8	68 8.5 03238.0 -4109.6	158 8.2 13323.6 -4107.3
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9803 9.0 230818.8 -4044.0	9893 9.2 234911.3 -4007.9	71 8.6 03449.0 -4153.7	161 9.1 13419.0 -4107.7
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9805 9.6 230912.3 -4026.5	9895 9.6 235031.5 -4007.8	73 9.2 03901.4 -4156.5	163 9.0 13519.5 -4146.4
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9807 8.4 231035.3 -4033.0	9897 9.4 235114.5 -4037.8	75 10.1 04200.9 -4102.0	165 7.8 13640.0 -4144.8
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247	9.6	23507.5	-4116.1	337	9.0	32303.1	-4137.9	427	10.0	35825.2	-4157.0	517	9.6	42818.8	-4154.0
248	9.3	23540.5	-4107.1	338	7.7	32326.7	-4156.5	428	10.2	35834.7	-4119.1	518	9.2	42827.3	-4141.1
249	9.2	23550.5	-4120.0	339	9.0	32342.6	-4128.1	429	10.3	35951.2	-4139.9	519	10.1	42849.3	-4128.6
250	8.4	23601.0	-4150.2	340	9.1	32355.2	-4158.7	430	9.6	40022.2	-4125.9	520	10.0	42903.8	-4113.4
251	9.2	23812.0	-4106.9	341	8.7	32400.1	-4138.5	431	8.6	40024.2	-4137.3	521	10.1	42929.8	-4139.2
252	8.2	23814.0	-4146.2	342	9.4	32447.6	-4113.3	432	10.3	40044.2	-4128.9	522	8.9	42938.8	-4110.0
253	7.0	23829.5	-4103.6	343	9.4	32532.6	-4114.9	433	10.3	40044.7	-4148.7	523	10.1	42938.8	-4158.2
254	9.7	23941.5	-4116.8	344	6.6	32546.6	-4147.5	434	8.8	40141.2	-4157.9	524	10.1	42947.8	-4120.0
255	8.6	24004.0	-4129.6	345	10.0	32552.2	-4106.2	435	9.8	40154.7	-4130.0	525	10.0	43002.8	-4122.4
256	9.4	24009.5	-4147.2	346	10.0	32554.2	-4132.9	436	8.8	40210.2	-4139.5	526	10.1	43008.1	-4143.1
257	8.4	24017.0	-4149.4	347	10.0	32659.2	-4130.3	437	9.8	40220.7	-4112.5	527	9.0	43026.8	-4105.5
258	8.8	24019.5	-4111.6	348	9.7	32724.2	-4123.8	438	9.5	40251.2	-4112.3	528	8.0	43032.8	-4129.3
259	9.7	24020.5	-4123.0	349	8.4	32728.1	-4101.7	439	9.5	40257.2	-4118.3	529	10.1	43054.8	-4116.1
260	9.4	24029.0	-4105.4	350	8.8	32733.0	-4157.2	440	10.3	40332.7	-4153.7	530	8.2	43058.3	-4149.3
261	8.9	24042.0	-4116.1	351	9.2	32742.7	-4146.0	441	8.6	40343.2	-4135.4	531	10.1	43058.3	-4117.5
262	8.1	24050.0	-4145.6	352	9.7	32745.7	-4141.6	442	9.8	40353.2	-4110.7	532	9.4	43108.3	-4136.6
263	9.4	24057.0	-4131.1	353	8.7	32817.7	-4122.1	443	8.8	40410.2	-4148.8	533	9.2	43113.1	-4159.3
264	9.2	24114.5	-4124.0	354	9.8	32835.7	-4105.3	444	9.0	40529.7	-4137.9	534	9.0	43139.8	-4108.3
265	8.2	24157.5	-4129.0	355	7.2	32937.7	-4145.5	445	9.2	40543.2	-4155.6	535	9.8	43156.3	-4111.0
266	8.7	24259.3	-4102.6	356	10.0	33052.7	-4143.0	446	10.3	40703.2	-4114.7	536	9.8	43210.9	-4137.3
267	9.7	24525.0	-4128.8	357	10.0	33147.7	-4110.6	447	9.8	40801.2	-4153.0	537	10.1	43229.9	-4131.0
268	8.2	24620.5	-4128.7	358	9.4	33153.5	-4138.2	448	9.8	40843.2	-4116.9	538	10.0	43232.4	-4103.1
269	9.7	24628.0	-4148.6	359	9.1	33236.2	-4156.5	449	8.8	40844.7	-4117.7	539	10.1	43235.9	-4122.0
270	8.9	24632.5	-4119.3	360	8.4	33237.5	-4118.4	450	10.3	40917.7	-4126.0	540	8.9	43247.9	-4130.8
271	9.7	24715.0	-4108.4	361	9.8	33338.5	-4114.8	451	7.9	40925.2	-4142.4	541	9.4	43339.4	-4135.7
272	8.2	24739.5	-4139.9	362	9.7	33357.0	-4134.5	452	10.0	40934.2	-4129.3	542	10.1	43415.9	-4159.8
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274	9.7	24817.5	-4107.1	364	8.8	33425.5	-4135.1	454	8.4	41005.2	-4107.9	544	8.8	43512.6	-4158.4
275	8.2	24900.0	-4145.7	365	8.4	33434.5	-4102.4	455	7.9	41016.2	-4112.5	545	10.1	43533.9	-4123.0
276	8.6	24950.0	-4135.9	366	9.8	33457.0	-4153.3	456	8.8	41034.2	-4104.2	546	10.1	43539.9	-4118.5
277	9.4	25139.0	-4118.2	367	9.4	33504.5	-4117.1	457	10.3	41101.1	-4158.1	547	10.0	43541.4	-4135.1
278	9.2	25141.0	-4114.3	368	10.0	33516.5	-4113.6	458	10.3	41119.7	-4149.1	548	10.1	43541.4	-4121.4
279	9.3	25350.2	-4158.0	369	8.2	33533.0	-4156.2	459	10.3	41122.2	-4151.8	549	9.8	43604.4	-4134.3
280	10.0	25408.5	-4108.8	370	10.0	33607.0	-4110.0	460	9.0	41219.0	-4109.9	550	10.1	43705.9	-4123.2
281	8.1	25425.3	-4113.2	371	10.0	33608.5	-4153.2	461	10.3	41219.0	-4102.8	551	10.0	43717.9	-4103.6
282	9.4	25508.0	-4156.0	372	8.4	33638.0	-4109.5	462	9.2	41233.5	-4140.5	552	9.8	43730.9	-4108.1
283	9.0	25623.5	-4150.7	373	9.8	33642.0	-4128.5	463	9.5	41305.5	-4104.2	553	9.8	43806.4	-4114.5
284	10.0	25638.5	-4156.6	374	7.7	33643.5	-4110.2	464	9.4	41315.5	-4110.1	554	9.5	43807.9	-4117.8
285	9.6	25643.0	-4156.3	375	9.6	33647.5	-4119.3	465	9.6	41336.7	-4126.0	555	10.1	43811.4	-4147.9
286	10.0	25920.7	-4150.2	376	10.0	33650.3	-4140.2	466	9.4	41350.2	-4138.0	556	10.1	43811.9	-4143.2
287	9.4	30021.7	-4153.2	377	9.5	33745.0	-4112.3	467	10.1	41432.2	-4124.0	557	8.8	43812.2	-4132.7
288	10.0	30038.7	-4117.2	378	9.2	33826.0	-4110.9	468	10.1	41436.7	-4154.8	558	9.0	43818.7	-4158.1
289	7.8	30038.7	-4128.2	379	9.5	33828.5	-4117.4	469	10.0	41514.7	-4138.7	559	10.0	43829.7	-4141.4
290	9.8	30111.2	-4124.8	380	10.0	33856.0	-4150.5	470	10.0	41600.7	-4105.9	560	9.8	43908.5	-4120.1
291	9.2	30112.2	-4122.6	381	9.0	33925.5	-4145.9	471	9.2	41613.2	-4132.7	561	10.0	43919.6	-4135.4
292	10.0	30125.7	-4109.1	382	7.4	33940.0	-4103.2	472	10.1	41705.2	-4118.2	562	7.8	43928.5	-4159.3
293	10.0	30248.7	-4110.2	383	8.4	33950.5	-4140.2	473	7.8	41743.7	-4130.7	563	9.0	43936.7	-4144.9
294	9.8	30322.2	-4149.4	384	8.7	33956.3	-4138.2	474	10.0	41745.7	-4126.4	564	7.3	43937.7	-4117.8
295	7.9	30357.7	-4149.0	385	9.4	34005.8	-4139.8	475	9.6	41746.2	-4131.2	565	10.1	43938.6	-4122.0
296	8.4	30404.7	-4150.6	386	9.1	34057.3	-4149.6	476	10.1	41802.2	-4120.8	566	10.0	44007.4	-4123.9
297	9.8	30412.7	-4129.3	387	8.7	34147.3	-4135.8	477	10.0	41804.7	-4122.3	567	8.4	44048.3	-4159.2
298	9.1	30446.7	-4115.0	388	8.8	34205.3	-4102.9	478	9.2	41818.7	-4104.5	568	9.6	44204.2	-4142.2
299	9.8	30451.7	-4102.8	389	8.7	34244.6	-4100.8	479	9.8	41826.2	-4146.6	569	8.6	44221.2	-4118.9
300	9.8	30509.2	-4146.1	390	10.0	34306.1	-4102.0	480	10.0	41909.7	-4113.9	570	10.1	44328.2	-4159.7
301	10.0	30628.1	-4105.1	391	10.0	34328.3	-4154.5	481	9.0	41911.2	-4132.2	571	10.1	44456.7	-4107.4
302	9.8	30645.1	-4108.4	392	10.0	34338.3	-4134.6	482	8.4	42010.7	-4106.9	572	9.4	44459.5	-4140.8
303	9.0	30748.1	-4111.7	393	8.7	34349.8	-4133.6	483	9.6	42018.7	-4136.6	573	10.0	44501.0	-4136.8
304	7.9	30841.1	-4150.8	394	9.2	34354.3	-4132.4	484	8.2	42139.8	-4106.2	574	10.1	44502.0	-4126.9
305	9.8	30958.9	-4158.0	395	8.4	34355.3	-4141.6	485	10.0	42144.1	-4139.6	575	8.2	44511.0	-4148.2
306	9.6	31001.6	-4141.7	396	8.8	34427.9	-4101.6	486	9.8	42146.3	-4112.0	576	10.0	44533.5	-4140.5
307	8.2	31041.6	-4141.7	397	8.6	34445.3	-4116.8	487	10.0	42150.1	-4114.1	577	9.0	44537.5	-4141.5
308	10.0	31101.1	-4144.4	398	8.6	34523.6	-4159.8	488	9.8	42156.3	-4104.6	578	10.0	44539.5	-4150.0
309	10.0	31124.8	-4109.4	399	9.4	34632.5	-4149.5	489	10.0	42209.8	-4122.4	579	10.1	44558.5	-4138.8
310	7.9	31211.1	-4143.8	400	10.0	34648.7	-4148.6	490	10.1	42211.1	-4145.9	580	8.5	44608.5	-4148.2
311	9.8	31300.6	-4119.2	401	9.8	34751.0	-4155.6	491	9.0	42215.3	-4100.8	581	6.9	44612.0	-4132.2
312	9.4	31312.6	-4144.4	402	7.4	34907.5	-4135.6	492	10.1	42225.8	-4121.0	582	8.6	44630.0	-4115.7
313	9.4	31316.1	-4152.2	403	9.2	34942.5	-4136.1	493	10.0	42305.8	-4136.8	583	9.5	44705.5	-4122.3
314	9.0	31411.6	-4137.0	404	10.0	35029.0	-4118.3	494	10.1	42340.1	-4152.4	584	9.5	44719.2	-4100.5
315	9.8	31456.6	-4113.3	405	10.3	35030.0	-4113.7	495	8.8	42359.3	-4132.7	585	10.0	44734.5	-4152.3
316	10.0	31532.3	-4123.1	406	9.8	35031.5	-4117.4	496	9.6	42400.8	-4127.9	586	10.1	44741.5	-4119.8
317	9.8	31623.3	-4123.9	407	9.2	35052.0	-4136.2	497	10.0	42401.3	-4146.2	587	9.0	44808.5	-4112.8
318	9.2	31633.8	-4136.7	408	8.3	35131.0	-4126.7	498	9.8	42410.3	-4128.2	588	9.6	44809.9	-4101.9
319	9.2	31652.3	-4120.7	409	7.9	35150.0	-4150.1	499	9.6	42413.3	-4156.4	589	10.1	44836.5	-4151.0
320	9.6	31715.3	-4111.4	410	9.2	35153.0	-4157.5	500	8.8	42423.3	-4126.4	590	9.3	45005.5	-4137.5
321	10.0	31716.3	-4120.6	411	9.3	35208.0	-4115.3	501	10.1	42425.0	-4102.0	591	10.0	45012.5	-4134.4
322	10.0	31734.8	-4104.9	412	8.8	35218.0	-4142.5	502	8.8	42501.3	-4115.2	592	9.6	45033.5	-4134.8
323	8.7	31738.8	-4158.4	413	9.4	35228.5	-4112.1	503	10.1	42554.8	-4140.3	593	9.1	45046.5	-4153.8
324	8.2	31745.3	-4146.0	414	8.6	35251.0	-4115.9	504	8.2	42608.8	-4155.9	594	10.0	45054.5	-4132.6
325	10.0	31748.8	-4137.9	415	10.3	35341.7	-4127.9	505	9.8	42617.8	-4109.1	595	8.6	45100.5	-4115.8
326	8.2	31825.4	-4142.1	416	10.3	35353.1	-4151.7	506	9.4	42623.8	-4102.9	596	9.8	45104.0	-4152.8
327	8.8	31854.6	-4148.6	417	10.0	35414.5	-4158.9	507	9.5	42628.3	-4119.4	597	8.8	45113.5	-4101.0
328	8.8	31925.1	-4137.1	418	9.3	35540.2	-4128.5	508	8.6	42633.3	-4144.8	598	10.1	45130.0	-4143.0
329	7.1	31936.4	-4140.3	419	10.3	35654.1	-4136.6	509	7.2	42644.8	-4126.5	599	8.8	45144.0	-4116.3
330	9.8	32005.2	-4138.7	420	9.6	35701.7	-4136.7	510	10.0	42649.1	-4158.0	600	8.8	45155.5	-4138.1
331	10.0	32038.9	-4133.1	421	8.8	35703.7	-4135.9	511	9.0	42659.6	-4159.6	601	9.4	45223.0	-4149.3
332	7.9	32112.6	-4145.9	422	9.8	35705.7	-4103.7	512	10.0	42700.3	-4117.3	602	10.1	45251.5	-4135.1
333	8.7	32115.6	-4113.5	423	9.6	35731.2	-4128.1	513	8.6	42701.8	-4113.6	603	10.1	45341.5	-4157.1
334	8.8	32142.4	-4120.5	424	9.5	35731.2	-4104.5	514	10.0	42708.3	-4136.7	604	8.6	45406.5	-4144.4
335	8.8	32200.4	-4100.5	425	10.2	35738.1	-4112.0	515	10.1	42722.1	-4154.8	605	9.4	45425.5	-4150.2
336	8.8	32252.9	-4139.3	426	8.6	35743.7	-4117.1	516	9.8	42805.3	-4127.0	606	9.0	45427.5	-4105.9

607	9.8	45450.3	-4101.0	697	9.2	52006.9	-4103.3	787	9.1	53925.3	-4155.1	877	8.8	55843.6	-4109.3
608	10.0	45451.0	-4106.1	698	10.0	52011.9	-4143.2	788	8.5	53946.8	-4150.9	878	9.8	55856.6	-4131.8
609	8.6	45454.0	-4107.2	699	9.8	52018.9	-4124.8	789	9.4	53947.8	-4123.1	879	9.9	55900.1	-4145.0
610	7.7	45604.5	-4114.0	700	10.1	52020.9	-4118.6	790	9.4	54001.8	-4159.0	880	8.5	55923.1	-4141.2
611	10.1	45620.5	-4115.7	701	9.4	52023.4	-4140.4	791	8.8	54010.3	-4109.6	881	9.4	55942.6	-4120.9
612	8.8	45648.5	-4112.2	702	9.9	52036.9	-4123.4	792	9.9	54023.3	-4130.5	882	9.9	55947.1	-4108.7
613	9.8	45743.1	-4109.3	703	9.6	52039.9	-4107.3	793	9.9	54027.8	-4118.9	883	9.0	55959.1	-4142.0
614	9.2	45809.1	-4139.4	704	10.1	52058.9	-4132.2	794	9.0	54037.3	-4122.4	884	9.6	60005.9	-4136.4
615	8.6	45857.1	-4147.1	705	9.8	52126.9	-4131.0	795	9.9	54037.5	-4110.3	885	7.9	60016.6	-4108.9
616	10.1	45902.1	-4104.6	706	8.5	52129.9	-4126.9	796	9.7	54039.3	-4147.4	886	9.2	60045.6	-4132.9
617	10.1	45908.6	-4100.6	707	10.0	52137.9	-4104.0	797	9.2	54059.5	-4158.2	887	10.0	60057.2	-4108.9
618	8.8	45910.1	-4153.9	708	9.2	52141.9	-4135.4	798	9.9	54105.8	-4102.7	888	10.0	60102.2	-4121.2
619	9.1	45910.1	-4131.0	709	10.1	52221.4	-4155.6	799	7.3	54109.8	-4150.0	889	10.0	60127.7	-4156.3
620	9.1	45919.1	-4145.7	710	9.2	52224.9	-4156.4	800	9.8	54109.8	-4145.7	890	9.8	60146.2	-4137.7
621	6.6	45954.1	-4155.5	711	9.4	52238.4	-4134.1	801	9.2	54120.8	-4123.6	891	10.0	60149.7	-4118.8
622	9.8	50003.1	-4143.7	712	9.8	52240.9	-4140.4	802	8.4	54133.3	-4100.5	892	10.0	60209.7	-4124.5
623	10.0	50008.1	-4128.2	713	9.8	52241.4	-4135.4	803	9.0	54146.8	-4127.3	893	10.0	60231.7	-4142.0
624	9.8	50019.6	-4139.0	714	10.1	52253.7	-4109.4	804	9.8	54211.7	-4102.3	894	6.9	60240.7	-4112.3
625	9.8	50048.6	-4118.3	715	6.5	52303.9	-4103.1	805	9.9	54218.8	-4156.2	895	9.6	60249.7	-4145.9
626	10.1	50104.6	-4101.9	716	9.4	52307.4	-4105.9	806	9.8	54244.3	-4102.1	896	9.3	60314.7	-4132.1
627	10.0	50127.1	-4115.4	717	9.9	52312.9	-4125.7	807	9.4	54246.0	-4102.4	897	8.0	60327.2	-4132.1
628	8.8	50207.1	-4136.6	718	10.1	52400.4	-4133.8	808	9.3	54259.3	-4127.2	898	9.7	60359.7	-4126.8
629	9.8	50221.1	-4141.8	719	10.0	52402.9	-4154.9	809	8.5	54323.3	-4112.3	899	9.4	60404.7	-4129.5
630	10.0	50222.1	-4128.9	720	10.0	52407.7	-4125.1	810	8.0	54332.8	-4137.9	900	10.0	60408.7	-4150.1
631	7.9	50239.1	-4156.2	721	9.8	52421.4	-4116.1	811	9.7	54338.8	-4138.6	901	8.4	60430.2	-4115.1
632	8.6	50249.6	-4119.2	722	9.9	52423.9	-4128.8	812	9.6	54348.8	-4126.3	902	10.0	60437.7	-4154.9
633	9.8	50301.1	-4121.8	723	9.4	52449.9	-4149.0	813	9.9	54350.8	-4105.2	903	7.6	60504.7	-4105.8
634	9.3	50302.1	-4125.1	724	8.6	52502.4	-4117.8	814	9.8	54350.8	-4114.2	904	9.0	60512.7	-4145.8
635	9.5	50314.6	-4138.2	725	10.1	52534.4	-4130.3	815	9.1	54410.3	-4104.6	905	7.3	60546.2	-4157.5
636	9.8	50341.1	-4151.7	726	10.0	52538.9	-4110.9	816	8.7	54436.3	-4100.1	906	8.5	60614.7	-4112.5
637	7.6	50423.6	-4104.6	727	9.8	52606.4	-4135.7	817	9.7	54501.2	-4101.7	907	10.0	60628.2	-4129.9
638	7.4	50429.6	-4123.0	728	9.2	52612.7	-4156.7	818	8.7	54508.3	-4116.1	908	10.0	60659.5	-4106.1
639	9.8	50447.6	-4150.9	729	10.1	52638.4	-4129.3	819	9.9	54529.8	-4147.0	909	9.4	60659.7	-4145.1
640	9.4	50505.1	-4137.9	730	10.0	52657.9	-4117.1	820	8.8	54540.3	-4104.8	910	9.0	60733.5	-4132.4
641	10.1	50538.1	-4108.4	731	10.1	52659.2	-4159.7	821	9.0	54549.6	-4139.0	911	9.4	60746.5	-4148.1
642	9.8	50618.3	-4146.8	732	8.6	52700.9	-4142.3	822	9.9	54553.1	-4128.6	912	9.7	60814.5	-4105.7
643	8.5	50623.3	-4144.8	733	8.4	52704.4	-4143.5	823	9.0	54557.1	-4144.1	913	9.2	60848.5	-4142.5
644	9.2	50628.1	-4111.0	734	9.2	52715.4	-4135.9	824	9.9	54645.6	-4139.4	914	10.0	60849.5	-4115.1
645	9.5	50637.6	-4145.1	735	10.1	52731.9	-4143.1	825	9.0	54651.6	-4158.9	915	10.0	60901.5	-4140.1
646	10.1	50650.0	-4152.7	736	9.6	52739.9	-4139.3	826	9.6	54658.1	-4120.0	916	8.4	60910.5	-4154.9
647	10.1	50659.5	-4109.1	737	10.1	52742.9	-4128.3	827	9.8	54704.6	-4106.9	917	9.4	60948.5	-4150.9
648	9.8	50701.8	-4106.0	738	10.0	52817.4	-4128.5	828	9.8	54711.6	-4124.4	918	8.7	60955.0	-4125.3
649	9.4	50741.0	-4138.0	739	9.7	52822.4	-4130.9	829	9.1	54728.1	-4159.7	919	10.0	60959.6	-4113.8
650	7.5	50804.5	-4149.3	740	9.8	52828.2	-4100.7	830	9.9	54733.1	-4115.8	920	8.9	61004.5	-4114.7
651	10.1	50820.0	-4133.8	741	10.0	52832.9	-4139.3	831	8.2	54742.1	-4142.8	921	7.6	61016.5	-4137.4
652	9.6	50828.0	-4130.4	742	9.7	52840.4	-4134.3	832	9.6	54747.1	-4101.6	922	8.4	61019.5	-4158.6
653	10.0	50905.5	-4108.2	743	9.2	52900.4	-4149.1	833	9.4	54748.1	-4152.7	923	9.4	61019.5	-4101.4
654	10.0	50913.0	-4144.0	744	9.6	52912.9	-4135.3	834	8.0	54757.1	-4108.1	924	10.0	61030.5	-4136.7
655	10.0	50920.5	-4103.5	745	9.6	52925.4	-4120.3	835	9.8	54817.1	-4117.2	925	9.7	61059.5	-4152.3
656	9.8	50932.5	-4112.8	746	7.8	52931.7	-4101.3	836	9.4	54837.1	-4137.2	926	10.0	61109.5	-4142.5
657	10.0	50941.0	-4126.2	747	9.6	52931.9	-4155.1	837	9.9	54906.9	-4158.5	927	8.4	61123.0	-4120.4
658	9.9	50941.8	-4102.5	748	10.0	53016.9	-4108.3	838	8.0	54924.2	-4159.0	928	9.2	61129.5	-4156.3
659	10.0	51020.9	-4129.1	749	10.1	53049.9	-4155.6	839	9.4	54945.6	-4148.4	929	8.7	61212.5	-4135.6
660	8.6	51032.4	-4123.3	750	10.1	53105.4	-4126.9	840	9.9	55001.6	-4144.6	930	8.9	61230.5	-4112.5
661	8.8	51037.9	-4119.6	751	9.8	53111.9	-4149.0	841	8.4	55009.1	-4122.0	931	10.0	61234.5	-4159.8
662	10.0	51044.4	-4126.8	752	8.8	53129.9	-4159.1	842	9.6	55054.6	-4131.2	932	9.6	61236.5	-4135.0
663	10.0	51109.9	-4146.3	753	9.7	53148.4	-4108.0	843	8.0	55106.1	-4140.1	933	8.9	61249.5	-4129.1
664	10.1	51110.9	-4110.0	754	10.0	53152.4	-4112.4	844	9.4	55123.7	-4126.3	934	9.8	61327.0	-4103.7
665	10.1	51112.4	-4150.2	755	9.4	53154.7	-4102.4	845	9.4	55127.6	-4153.8	935	9.7	61349.5	-4102.6
666	10.0	51130.4	-4145.7	756	10.1	53202.9	-4156.8	846	9.4	55129.6	-4105.9	936	10.0	61435.5	-4120.0
667	9.9	51142.4	-4107.0	757	9.4	53219.9	-4152.5	847	9.0	55151.1	-4143.7	937	7.3	61506.4	-4101.3
668	10.0	51204.9	-4127.9	758	9.6	53227.3	-4158.7	848	9.4	55153.1	-4127.7	938	8.0	61508.5	-4143.6
669	8.0	51209.9	-4123.2	759	10.0	53234.3	-4135.1	849	8.3	55211.1	-4115.2	939	9.7	61509.5	-4135.1
670	8.2	51210.9	-4112.7	760	9.9	53312.6	-4106.0	850	9.9	55218.6	-4112.2	940	9.6	61515.5	-4141.1
671	10.1	51310.9	-4149.8	761	10.1	53322.6	-4154.3	851	9.9	55240.1	-4152.2	941	10.0	61528.5	-4134.7
672	9.1	51335.6	-4159.0	762	10.0	53332.9	-4131.2	852	9.6	55307.1	-4115.5	942	10.0	61529.0	-4152.9
673	7.8	51426.4	-4110.6	763	10.1	53337.0	-4154.8	853	7.6	55311.1	-4146.2	943	10.0	61559.5	-4141.1
674	10.1	51434.2	-4143.2	764	7.7	53349.1	-4114.2	854	9.2	55321.1	-4121.1	944	10.0	61603.0	-4145.9
675	9.8	51434.4	-4136.6	765	8.6	53410.6	-4143.5	855	9.8	55332.1	-4154.4	945	8.4	61619.5	-4157.7
676	10.1	51450.4	-4123.6	766	9.0	53415.9	-4128.3	856	7.6	55338.1	-4107.1	946	10.0	61621.6	-4138.5
677	10.1	51458.9	-4155.1	767	9.7	53418.4	-4154.9	857	9.8	55339.1	-4150.5	947	9.0	61624.9	-4101.9
678	9.8	51503.4	-4153.7	768	9.1	53420.6	-4116.8	858	9.9	55407.1	-4147.3	948	9.2	61634.5	-4110.4
679	10.1	51510.4	-4157.7	769	8.8	53427.1	-4104.2	859	9.7	55431.1	-4116.1	949	9.8	61640.0	-4103.7
680	8.8	51512.9	-4142.5	770	7.6	53438.8	-4122.0	860	9.1	55457.1	-4114.1	950	8.7	61654.5	-4122.1
681	10.0	51531.4	-4136.2	771	9.9	53444.7	-4158.7	861	9.4	55507.1	-4116.4	951	9.2	61659.5	-4132.9
682	9.8	51532.9	-4110.6	772	9.3	53449.8	-4109.7	862	9.0	55517.1	-4145.3	952	10.0	61704.5	-4148.5
683	10.1	51557.4	-4102.1	773	9.2	53457.3	-4108.1	863	9.7	55531.6	-4134.9	953	8.9	61709.5	-4129.7
684	10.1	51609.9	-4101.8	774	9.8	53459.3	-4137.6	864	9.8	55539.1	-4135.1	954	10.0	61710.0	-4136.6
685	9.2	51628.4	-4147.7	775	8.6	53516.3	-4149.3	865	9.6	55612.6	-4124.2	955	10.0	61728.0	-4136.6
686	10.1	51631.9	-4121.8	776	9.0	53523.8	-4107.4	866	9.2	55633.1	-4111.6	956	9.0	61729.0	-4129.9
687	9.8	51738.2	-4101.6	777	8.8	53546.3	-4155.0	867	9.3	55703.1	-4128.1	957	9.6	61804.5	-4106.6
688	8.2	51743.9	-4107.0	778	9.9	53554.8	-4114.7	868	9.2	55714.6	-4142.6	958	10.0	61806.7	-4102.1
689	9.9	51803.9	-4126.2	779	9.9	53558.2	-4139.2	869	9.4	55723.6	-4141.8	959	10.0	61825.0	-4119.0
690	10.1	51833.7	-4124.6	780	8.2	53559.3	-4134.7	870	9.6	55723.9	-4148.5	960	10.0	61825.5	-4146.1
691	9.9	51848.9	-4141.7	781	9.6	53607.8	-4140.4	871	9.9	55729.6	-4109.4	961	9.8	61835.0	-4149.4
692	9.2	51852.9	-4115.6	782	9.8	53620.3	-4144.9	872	8.7	55745.6	-4109.8	962	10.0	61839.5	-4145.6
693	9.9	51857.4	-4140.8	783	9.9	53623.2	-4117.7	873	8.7	55748.1	-4109.6	963	10.0	61846.7	-4133.5
694	9.9	51900.9	-4131.1	784	9.9	53637.8	-4100.7	874	8.6	55756.6	-4159.9	964	8.8	61852.5	-4116.9
695	10.0	51913.9	-4154.7	785	8.8	53731.3	-4147.1	875	8.6	55811.1	-4159.2	965	10.0	61855.7	-4130.1
696	9.9	51913.9	-4142.0	786	9.7	53759.3	-4103.1	876	9.4	55840.8	-4159.4	966	10.0	61858.7	-4122.5

967	10.0	61914.7	-4124.2	1057	10.3	63424.5	-4114.1	1147	10.3	64929.7	-4122.4
968	10.0	61934.0	-4120.1	1058	9.6	63447.0	-4114.9	1148	9.0	64939.7	-4147.1
969	10.0	61939.5	-4138.0	1059	10.1	63452.0	-4126.3	1149	9.6	64939.7	-4124.7
970	9.4	61940.5	-4150.8	1060	10.3	63455.0	-4126.0	1150	10.3	64939.7	-4149.2
971	10.0	61943.0	-4109.2	1061	8.8	63459.5	-4124.9	1151	9.4	64946.4	-4158.3
972	9.4	62004.5	-4123.8	1062	9.6	63541.0	-4133.1	1152	9.6	64952.2	-4121.1
973	10.0	62005.7	-4127.1	1063	9.6	63541.5	-4156.6	1153	8.8	65006.2	-4146.5
974	10.0	62040.5	-4130.6	1064	10.0	63554.0	-4156.0	1154	10.0	65023.2	-4159.7
975	9.6	62043.0	-4105.3	1065	9.2	63600.0	-4114.7	1155	10.0	65024.7	-4147.3
976	8.8	62048.5	-4136.1	1066	10.2	63600.0	-4142.7	1156	9.6	65024.7	-4110.6
977	9.8	62104.5	-4153.2	1067	8.8	63626.0	-4107.6	1157	9.4	65028.7	-4153.2
978	10.0	62104.5	-4127.1	1068	9.6	63639.5	-4120.1	1158	9.0	65036.7	-4124.9
979	9.7	62114.5	-4135.4	1069	9.6	63652.0	-4138.1	1159	9.0	65112.2	-4142.9
980	10.0	62114.5	-4131.4	1070	9.2	63654.0	-4152.7	1160	9.0	65114.7	-4134.6
981	8.9	62129.0	-4155.7	1071	9.2	63744.5	-4114.7	1161	9.1	65115.7	-4111.0
982	9.8	62134.5	-4122.5	1072	10.3	63750.0	-4148.6	1162	10.1	65119.7	-4132.4
983	10.0	62138.5	-4155.2	1073	8.9	63754.5	-4108.5	1163	10.1	65123.7	-4139.3
984	9.8	62156.0	-4135.4	1074	10.3	63759.5	-4135.7	1164	10.0	65124.7	-4150.1
985	7.8	62213.0	-4133.8	1075	9.8	63800.0	-4121.4	1165	10.0	65128.7	-4128.6
986	9.6	62235.5	-4144.4	1076	10.2	63809.0	-4146.3	1166	9.6	65139.7	-4102.2
987	9.6	62238.0	-4110.2	1077	8.8	63815.5	-4139.1	1167	9.6	65140.7	-4154.2
988	10.0	62256.0	-4120.9	1078	8.3	63822.5	-4136.3	1168	10.3	65144.7	-4153.1
989	8.6	62308.5	-4114.8	1079	9.4	63826.0	-4138.9	1169	8.8	65149.2	-4109.4
990	10.0	62318.5	-4132.0	1080	9.4	63828.5	-4146.9	1170	9.6	65154.7	-4128.0
991	10.0	62321.5	-4107.3	1081	8.1	63837.5	-4141.5	1171	10.3	65206.7	-4136.1
992	9.4	62340.0	-4106.1	1082	10.3	63840.0	-4131.4	1172	9.4	65226.7	-4135.0
993	9.3	62348.5	-4117.6	1083	9.6	63845.5	-4107.8	1173	9.6	65234.5	-4157.2
994	8.0	62349.0	-4103.4	1084	10.2	63853.0	-4103.9	1174	10.0	65239.9	-4138.2
995	9.4	62445.5	-4142.3	1085	10.3	63857.7	-4154.3	1175	9.5	65240.9	-4127.6
996	9.4	62449.5	-4106.5	1086	9.0	63914.7	-4139.9	1176	9.6	65243.2	-4112.0
997	8.5	62507.0	-4132.6	1087	9.8	63915.0	-4101.8	1177	9.6	65245.2	-4105.0
998	10.0	62510.7	-4106.8	1088	9.6	63927.2	-4133.6	1178	9.8	65253.5	-4112.6
999	9.7	62511.5	-4136.1	1089	10.0	63927.2	-4113.3	1179	10.2	65300.9	-4127.8
1000	10.0	62514.7	-4126.4	1090	9.2	63929.2	-4104.0	1180	9.5	65304.9	-4125.6
1001	10.0	62524.5	-4127.4	1091	10.0	64000.2	-4125.7	1181	8.6	65310.7	-4145.0
1002	10.0	62556.5	-4124.3	1092	10.2	64009.7	-4105.8	1182	10.0	65328.7	-4103.2
1003	9.0	62558.7	-4126.5	1093	10.1	64014.2	-4133.0	1183	10.1	65330.9	-4104.2
1004	10.0	62603.2	-4137.7	1094	9.2	64015.2	-4152.7	1184	9.4	65335.2	-4119.4
1005	9.7	62603.8	-4157.9	1095	10.2	64045.2	-4141.2	1185	8.9	65336.7	-4107.6
1006	10.0	62604.5	-4100.0	1096	9.2	64050.2	-4102.1	1186	10.3	65347.2	-4155.0
1007	10.0	62606.0	-4159.7	1097	9.4	64107.7	-4156.1	1187	7.9	65348.9	-4151.8
1008	10.0	62614.5	-4116.4	1098	8.9	64126.2	-4150.6	1188	10.0	65357.2	-4109.5
1009	10.2	62629.8	-4107.6	1099	10.3	64136.7	-4104.9	1189	10.0	65357.2	-4126.7
1010	9.5	62639.5	-4105.8	1100	10.0	64204.7	-4124.8	1190	9.1	65358.7	-4118.6
1011	8.9	62647.0	-4152.0	1101	10.2	64212.7	-4121.6	1191	10.0	65358.7	-4106.1
1012	10.1	62651.0	-4152.0	1102	9.6	64214.7	-4108.4	1192	10.0	65[illegible]06.4	-4121.4
1013	8.4	62655.3	-4115.1	1103	9.6	64216.2	-4123.7	1193	10.0	65[illegible]16.9	-4142.8
1014	10.3	62705.5	-4156.2	1104	9.6	64223.2	-4128.0	1194	10.0	65[illegible]19.7	-4113.4
1015	9.8	62706.0	-4101.7	1105	10.0	64224.2	-4111.3	1195	9.6	65[illegible]23.2	-4109.3
1016	10.0	62716.2	-4108.5	1106	10.3	64225.6	-4158.4	1196	9.8	65[illegible]23.5	-4122.2
1017	10.2	62719.7	-4125.4	1107	8.6	64300.2	-4119.7	1197	9.6	65[illegible]23.7	-4111.9
1018	9.5	62719.8	-4149.0	1108	10.3	64328.7	-4126.3	1198	10.0	65[illegible]27.2	-4111.7
1019	10.2	62729.5	-4153.9	1109	8.8	64334.2	-4112.2	1199	8.2	65[illegible]30.2	-4147.3
1020	9.6	62730.0	-4138.0	1110	10.3	64341.2	-4140.4	1200	10.0	65[illegible]43.5	-4158.1
1021	10.2	62739.5	-4112.6	1111	10.3	64354.7	-4152.9	1201	9.4	65[illegible]44.2	-4131.7
1022	10.3	62745.5	-4145.1	1112	10.2	64409.0	-4159.9	1202	10.0	65509.7	-4105.1
1023	9.4	62757.5	-4133.8	1113	10.3	64443.7	-4137.4	1203	9.4	65513.2	-4127.3
1024	9.0	62758.0	-4113.5	1114	10.3	64509.7	-4134.8	1204	10.0	65516.7	-4126.2
1025	10.0	62802.0	-4124.6	1115	10.2	64513.7	-4114.2	1205	9.8	65525.2	-4118.6
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1027	10.1	62902.0	-4104.0	1117	7.4	64534.2	-4117.2	1207	9.6	65541.7	-4158.3
1028	8.8	62916.3	-4102.2	1118	9.8	64538.7	-4113.2	1208	10.0	65607.7	-4103.5
1029	10.3	62922.4	-4159.2	1119	10.3	64541.7	-4105.6	1209	8.7	65627.2	-4112.7
1030	9.2	62925.0	-4145.6	1120	8.6	64544.7	-4142.1	1210	8.5	65634.7	-4130.2
1031	9.6	62937.5	-4122.0	1121	8.4	64545.7	-4109.5	1211	9.5	65657.2	-4124.8
1032	10.3	62938.4	-4158.1	1122	10.3	64548.7	-4110.7	1212	10.0	65703.2	-4130.7
1033	10.0	63005.0	-4113.4	1123	10.2	64600.7	-4145.1	1213	9.5	65710.7	-4138.8
1034	10.0	63007.0	-4126.6	1124	10.2	64610.7	-4156.7	1214	10.0	65714.7	-4102.1
1035	10.3	63037.0	-4113.1	1125	9.5	64625.2	-4122.9	1215	9.4	65726.7	-4147.0
1036	10.3	63115.5	-4153.8	1126	9.6	64626.7	-4105.3	1216	9.4	65748.7	-4129.4
1037	9.1	63144.1	-4157.8	1127	9.2	64629.7	-4151.4	1217	9.8	65755.2	-4145.7
1038	8.9	63146.5	-4123.0	1128	10.2	64635.8	-4124.1	1218	9.2	65813.2	-4102.9
1039	10.3	63215.5	-4129.8	1129	9.2	64640.7	-4123.7	1219	8.8	65816.2	-4126.7
1040	10.3	63219.0	-4139.2	1130	9.0	64703.7	-4144.5	1220	9.5	65828.7	-4149.0
1041	10.2	63220.0	-4104.9	1131	9.6	64744.9	-4158.1	1221	9.8	65837.2	-4104.5
1042	10.2	63223.5	-4148.6	1132	9.1	64749.7	-4148.7	1222	9.9	65840.2	-4119.9
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1046	10.2	63254.0	-4157.9	1136	10.0	64809.2	-4149.9	1226	10.0	65901.2	-4110.7
1047	8.3	63303.0	-4108.6	1137	9.5	64815.7	-4144.9	1227	9.4	65910.7	-4122.3
1048	9.6	63307.5	-4128.5	1138	9.8	64826.7	-4125.9	1228	9.2	65914.7	-4111.0
1049	10.3	63319.5	-4110.3	1139	10.3	64834.7	-4129.5	1229	9.5	65917.2	-4137.3
1050	9.6	63324.5	-4118.4	1140	9.6	64840.7	-4134.1	1230	10.0	65919.2	-4153.1
1051	9.6	63338.0	-4152.2	1141	9.4	64844.7	-4102.1	1231	9.5	65921.2	-4148.1
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1053	10.2	63343.0	-4154.7	1143	9.5	64859.2	-4123.5	1233	9.4	65929.0	-4157.2
1054	10.0	63350.5	-4120.5	1144	10.2	64900.7	-4158.1	1234	8.7	65932.2	-4118.1
1055	9.2	63358.0	-4144.2	1145	10.0	64902.2	-4122.3	1235	9.0	65942.7	-4113.5
1056	9.5	63416.0	-4156.7	1146	10.2	64926.4	-4100.1	1236	9.6	65942.7	-4152.9
1237	9.4	65947.2	-4125.0								
1238	8.3	65947.9	-4101.3								
1239	9.4	70003.2	-4122.8								
1240	9.4	70006.7	-4144.2								
1241	9.4	70010.7	-4139.8								
1242	10.0	70029.7	-4142.9								
1243	10.0	70043.2	-4103.1								
1244	10.0	70101.7	-4106.8								
1245	9.6	70122.2	-4125.9								
1246	10.0	70123.7	-4106.3								
1247	8.8	70129.9	-4102.0								
1248	10.0	70138.2	-4140.1								
1249	10.0	70139.8	-4103.9								
1250	10.0	70200.8	-4114.6								
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1262	9.4	70336.3	-4125.7								
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1266	10.0	70354.8	-4153.0								
1267	9.9	70405.3	-4125.5								
1268	10.0	70407.8	-4140.4								
1269	9.4	70408.7	-4101.2								
1270	10.0	70414.3	-4104.2								
1271	9.4	70419.8	-4115.6								
1272	9.2	70419.8	-4142.7								
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1278	10.0	70517.3	-4118.9								
1279	10.0	70523.3	-4117.9								
1280	9.6	70537.3	-4117.3								
1281	10.0	70548.3	-4112.7								
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1289	7.7	70634.3	-4103.6								
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1291	10.0	70643.3	-4105.7								
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1295	9.5	70753.8	-4139.8								
1296	9.6	70800.3	-4135.3								
1297	9.6	70802.3	-4126.1								
1298	9.6	70803.8	-4137.3								
1299	10.0	70819.8	-4117.0								
1300	9.9	70823.8	-4119.3								
1301	9.2	70827.3	-4154.7								
1302	9.4	70839.3	-4115.6								
1303	9.8	70850.3	-4154.2								
1304	8.8	70923.3	-4151.2								
1305	9.9	70930.8	-4105.2								
1306	10.0	70938.3	-4106.2								
1307	10.0	70941.3	-4126.6								
1308	9.8	70942.3	-4129.1								
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1324	10.0	71135.3	-4135.1								
1325	8.6	71137.3	-4156.1								
1326	9.6	71148.3	-4103.1								

1327	7.6	71154.3	-4155.2	1417	10.2	72219.6	-4110.9	1507	9.6	73049.6	-4116.6
1328	9.9	71159.3	-4138.9	1418	8.0	72225.1	-4145.1	1508	10.2	73103.6	-4127.6
1329	9.9	71200.8	-4103.2	1419	10.2	72231.8	-4124.0	1509	8.6	73119.6	-4140.6
1330	9.2	71201.3	-4128.5	1420	10.2	72232.1	-4108.7	1510	10.2	73121.7	-4115.2
1331	9.6	71208.8	-4115.6	1421	8.8	72243.4	-4159.9	1511	8.8	73127.1	-4112.0
1332	10.0	71212.8	-4156.9	1422	10.2	72247.6	-4124.5	1512	10.2	73131.6	-4118.9
1333	9.6	71213.3	-4135.3	1423	8.2	72253.6	-4122.5	1513	10.0	73141.6	-4131.5
1334	9.0	71214.3	-4135.7	1424	10.2	72253.6	-4106.9	1514	10.0	73144.6	-4108.2
1335	8.7	71233.8	-4156.3	1425	10.0	72301.6	-4134.3	1515	9.8	73146.6	-4156.2
1336	9.8	71238.8	-4159.3	1426	10.1	72309.6	-4149.5	1516	9.6	73149.6	-4126.4
1337	9.9	71238.8	-4131.2	1427	10.2	72313.1	-4153.3	1517	9.8	73149.6	-4136.9
1338	9.5	71249.3	-4144.7	1428	10.1	72321.6	-4109.5	1518	9.8	73153.3	-4157.0
1339	9.6	71249.3	-4105.4	1429	10.2	72327.6	-4120.1	1519	8.2	73208.6	-4148.2
1340	10.0	71250.3	-4130.8	1430	9.8	72334.1	-4143.1	1520	9.2	73213.6	-4109.2
1341	10.0	71251.8	-4103.2	1431	9.0	72335.6	-4154.1	1521	9.6	73216.6	-4125.5
1342	9.6	71303.8	-4114.5	1432	10.1	72342.1	-4150.5	1522	9.8	73219.6	-4102.0
1343	9.6	71305.3	-4157.6	1433	9.5	72344.6	-4124.6	1523	9.8	73225.6	-4120.6
1344	8.2	71306.3	-4110.0	1434	9.1	72354.1	-4104.8	1524	10.2	73236.6	-4111.2
1345	10.0	71311.8	-4119.5	1435	8.5	72402.1	-4115.5	1525	9.5	73238.6	-4115.7
1346	10.0	71319.3	-4157.1	1436	9.8	72404.1	-4119.5	1526	9.8	73239.6	-4134.2
1347	9.0	71328.3	-4154.0	1437	9.6	72415.4	-4159.4	1527	10.2	73243.6	-4108.2
1348	9.8	71332.3	-4112.3	1438	10.0	72418.6	-4154.9	1528	10.2	73253.6	-4132.0
1349	9.6	71336.3	-4120.2	1439	10.0	72419.6	-4110.0	1529	9.6	73255.6	-4144.6
1350	9.6	71404.3	-4149.6	1440	10.1	72433.6	-4126.9	1530	10.2	73259.6	-4111.1
1351	8.9	71425.8	-4143.8	1441	10.2	72435.1	-4102.9	1531	10.2	73311.6	-4146.6
1352	10.0	71425.8	-4131.2	1442	9.3	72439.1	-4135.4	1532	9.8	73324.6	-4106.6
1353	9.3	71438.5	-4114.7	1443	10.2	72439.6	-4129.7	1533	9.3	73329.6	-4144.0
1354	9.9	71439.8	-4118.2	1444	8.8	72448.6	-4145.3	1534	9.8	73329.6	-4153.8
1355	9.0	71444.3	-4115.1	1445	10.2	72449.6	-4153.6	1535	10.0	73331.6	-4138.4
1356	9.5	71447.3	-4114.4	1446	10.2	72459.6	-4122.4	1536	9.8	73337.6	-4122.6
1357	10.0	71453.5	-4126.2	1447	10.2	72508.4	-4100.1	1537	9.8	73340.6	-4156.6
1358	9.8	71454.8	-4154.9	1448	9.1	72509.1	-4137.6	1538	10.0	73344.6	-4125.4
1359	10.0	71508.3	-4109.0	1449	10.2	72519.6	-4131.3	1539	9.0	73404.6	-4152.4
1360	9.3	71511.3	-4108.2	1450	10.0	72520.6	-4149.4	1540	9.2	73409.6	-4106.4
1361	9.0	71518.8	-4132.7	1451	10.1	72529.6	-4135.2	1541	10.2	73409.6	-4144.3
1362	9.9	71523.5	-4125.6	1452	10.0	72530.1	-4101.3	1542	9.8	73414.1	-4122.8
1363	9.1	71530.3	-4119.1	1453	9.8	72531.1	-4124.2	1543	10.2	73425.1	-4105.2
1364	8.2	71543.8	-4122.0	1454	9.8	72533.6	-4109.2	1544	9.8	73429.6	-4151.6
1365	9.6	71547.8	-4101.2	1455	10.0	72537.1	-4158.2	1545	10.1	73434.6	-4147.2
1366	9.9	71609.3	-4153.5	1456	9.2	72543.6	-4135.4	1546	10.2	73441.1	-4144.3
1367	10.0	71640.3	-4101.9	1457	10.2	72545.6	-4122.2	1547	9.8	73441.6	-4124.8
1368	9.6	71643.3	-4112.8	1458	10.2	72548.6	-4148.2	1548	9.1	73445.1	-4101.8
1369	10.0	71653.8	-4120.4	1459	10.2	72551.1	-4121.0	1549	8.8	73450.6	-4115.0
1370	9.2	71657.8	-4110.6	1460	10.2	72606.6	-4115.6	1550	9.8	73453.1	-4137.0
1371	10.0	71704.3	-4104.1	1461	10.1	72607.1	-4111.2	1551	9.8	73454.1	-4152.0
1372	10.0	71707.8	-4156.2	1462	9.3	72608.6	-4134.2	1552	10.1	73455.1	-4151.3
1373	9.2	71713.3	-4113.8	1463	9.2	72612.6	-4121.1	1553	10.2	73506.6	-4124.8
1374	10.0	71713.3	-4137.1	1464	10.2	72615.6	-4145.0	1554	9.2	73513.6	-4142.6
1375	7.8	71718.3	-4145.3	1465	10.2	72626.6	-4114.2	1555	9.2	73525.1	-4124.6
1376	8.6	71718.3	-4142.8	1466	9.8	72630.6	-4152.2	1556	10.1	73533.1	-4147.9
1377	10.0	71744.3	-4138.9	1467	9.6	72632.6	-4132.4	1557	10.2	73538.6	-4152.4
1378	10.0	71745.5	-4158.2	1468	9.8	72636.1	-4106.2	1558	9.8	73539.6	-4119.4
1379	10.0	71748.8	-4130.5	1469	10.0	72637.6	-4153.5	1559	9.8	73551.4	-4159.1
1380	10.0	71750.3	-4119.1	1470	10.2	72642.6	-4106.9	1560	10.0	73554.1	-4144.9
1381	9.4	71751.3	-4135.6	1471	10.2	72648.6	-4122.8	1561	10.2	73558.1	-4156.0
1382	10.0	71759.3	-4103.2	1472	8.5	72648.6	-4137.2	1562	10.1	73559.6	-4146.1
1383	9.2	71759.3	-4133.3	1473	9.5	72650.6	-4139.2	1563	10.2	73603.6	-4135.6
1384	9.4	71824.3	-4149.9	1474	10.0	72657.6	-4136.8	1564	10.0	73608.1	-4140.5
1385	9.4	71826.8	-4119.8	1475	10.2	72701.6	-4126.1	1565	9.6	73609.6	-4147.9
1386	10.0	71835.3	-4158.7	1476	10.2	72703.6	-4111.3	1566	9.6	73618.1	-4152.0
1387	9.6	71847.3	-4121.9	1477	10.2	72705.6	-4139.3	1567	10.2	73618.1	-4104.4
1388	9.9	71913.3	-4116.4	1478	10.2	72711.6	-4111.5	1568	10.2	73627.7	-4132.6
1389	10.0	71925.3	-4118.1	1479	9.8	72717.6	-4114.8	1569	10.0	73635.6	-4153.1
1390	10.0	71925.8	-4140.0	1480	10.2	72720.6	-4117.0	1570	9.6	73638.6	-4130.0
1391	9.0	71928.8	-4138.1	1481	10.2	72730.6	-4109.2	1571	10.2	73639.6	-4146.0
1392	8.8	71930.3	-4126.6	1482	10.2	72739.6	-4159.6	1572	10.2	73641.1	-4141.0
1393	9.9	71931.8	-4149.3	1483	10.2	72739.6	-4108.0	1573	10.1	73641.1	-4138.1
1394	9.8	71933.0	-4147.3	1484	9.2	72741.1	-4144.0	1574	9.8	73643.6	-4108.2
1395	9.6	71934.2	-4119.6	1485	10.0	72749.6	-4157.5	1575	10.2	73644.6	-4153.0
1396	10.2	71940.6	-4100.6	1486	9.2	72750.6	-4133.3	1576	9.8	73645.6	-4109.7
1397	9.6	71952.2	-4155.9	1487	10.2	72753.7	-4118.4	1577	10.2	73645.6	-4116.0
1398	10.0	71954.6	-4106.1	1488	9.6	72802.1	-4123.6	1578	10.2	73655.6	-4145.6
1399	9.6	71957.1	-4128.9	1489	9.6	72838.6	-4127.8	1579	9.2	73701.6	-4130.4
1400	10.2	72014.1	-4127.7	1490	9.8	72846.6	-4135.4	1580	10.1	73702.6	-4156.2
1401	10.0	72014.6	-4146.9	1491	9.8	72846.6	-4154.6	1581	9.1	73705.6	-4134.0
1402	9.6	72034.4	-4126.3	1492	9.2	72859.6	-4111.8	1582	9.8	73707.6	-4122.6
1403	10.2	72036.6	-4124.1	1493	10.2	72920.6	-4131.9	1583	8.2	73712.1	-4136.0
1404	10.0	72113.6	-4107.4	1494	9.6	72924.1	-4111.0	1584	10.2	73729.1	-4157.0
1405	10.0	72115.3	-4102.0	1495	10.2	72927.1	-4150.0	1585	10.2	73731.1	-4102.8
1406	10.1	72125.6	-4137.9	1496	9.6	72945.6	-4153.4	1586	10.2	73732.7	-4112.1
1407	9.3	72129.6	-4151.9	1497	10.0	72945.6	-4105.5	1587	9.6	73735.1	-4135.6
1408	10.2	72136.1	-4137.7	1498	10.1	72949.6	-4120.2	1588	10.2	73739.6	-4109.0
1409	10.1	72138.6	-4154.0	1499	10.2	72952.6	-4118.6	1589	10.2	73741.6	-4110.2
1410	9.6	72150.6	-4112.9	1500	9.1	72958.6	-4122.3	1590	9.5	73743.1	-4115.8
1411	8.2	72155.6	-4151.7	1501	8.9	72959.6	-4131.8	1591	10.2	73749.6	-4114.2
1412	10.2	72200.6	-4107.6	1502	10.2	73001.1	-4136.8	1592	10.2	73750.6	-4104.6
1413	10.0	72208.6	-4108.3	1503	9.8	73001.6	-4119.2	1593	9.8	73750.6	-4109.2
1414	10.2	72213.6	-4105.3	1504	10.2	73010.6	-4116.2	1594	10.1	73757.6	-4116.7
1415	10.2	72215.6	-4118.3	1505	10.0	73015.6	-4137.2	1595	10.2	73802.6	-4107.2
1416	9.2	72219.6	-4150.9	1506	8.0	73017.6	-4148.0	1596	9.8	73809.1	-4121.0
1597	9.6	73809.6	-4158.2								
1598	9.8	73814.6	-4146.9								
1599	8.6	73815.6	-4126.1								
1600	9.2	73816.1	-4123.5								
1601	10.2	73816.6	-4127.5								
1602	9.8	73818.6	-4131.8								
1603	9.8	73820.6	-4114.0								
1604	10.2	73825.6	-4105.9								
1605	9.6	73827.6	-4113.0								
1606	8.2	73829.6	-4156.1								
1607	9.6	73835.1	-4106.2								
1608	10.0	73842.6	-4114.7								
1609	10.1	73849.6	-4121.1								
1610	9.6	73859.6	-4110.9								
1611	10.2	73900.6	-4144.1								
1612	8.6	73909.6	-4144.6								
1613	10.0	73909.6	-4130.2								
1614	10.2	73915.6	-4141.5								
1615	10.1	73915.6	-4127.9								
1616	10.0	73919.6	-4106.0								
1617	10.2	73921.1	-4106.2								
1618	10.1	73925.6	-4126.6								
1619	8.6	73928.6	-4110.1								
1620	9.8	73929.6	-4157.0								
1621	8.5	73930.6	-4105.2								
1622	9.2	73939.6	-4131.4								
1623	9.6	73940.6	-4127.2								
1624	8.5	73946.6	-4133.2								
1625	9.4	73949.6	-4141.0								
1626	9.2	73953.1	-4132.9								
1627	10.1	73956.6	-4133.6								
1628	10.0	73959.6	-4111.1								
1629	10.2	74001.6	-4146.3								
1630	10.1	74004.6	-4153.0								
1631	10.2	74011.6	-4149.2								
1632	10.2	74013.1	-4119.8								
1633	10.2	74014.6	-4153.0								
1634	9.2	74015.6	-4104.5								
1635	10.2	74015.6	-4142.0								
1636	10.2	74017.6	-4157.0								
1637	10.2	74020.6	-4143.8								
1638	9.6	74022.1	-4134.3								
1639	10.2	74022.1	-4141.4								
1640	10.2	74024.1	-4112.3								
1641	10.2	74037.1	-4112.0								
1642	10.2	74043.1	-4154.2								
1643	10.2	74048.6	-4140.0								
1644	10.2	74051.1	-4144.7								
1645	10.2	74051.1	-4143.3								
1646	9.1	74053.6	-4109.1								
1647	10.0	74054.6	-4135.8								
1648	10.2	74056.1	-4136.1								
1649	9.6	74057.1	-4138.8								
1650	10.1	74057.6	-4117.7								
1651	9.6	74058.6	-4131.5								
1652	9.8	74100.6	-4102.8								
1653	9.8	74105.1	-4103.3								
1654	10.0	74110.1	-4117.5								
1655	10.2	74110.1	-4116.1								
1656	9.8	74115.6	-4137.8								
1657	9.8	74120.6	-4149.6								
1658	9.8	74124.1	-4137.1								
1659	10.2	74124.6	-4124.0								
1660	10.2	74135.6	-4151.0								
1661	10.1	74135.6	-4127.0								
1662	9.0	74135.6	-4120.9								
1663	9.2	74135.9	-4100.3								
1664	10.0	74140.6	-4153.8								
1665	10.0	74149.6	-4153.6								
1666	10.2	74149.6	-4147.6								
1667	8.8	74149.6	-4106.2								
1668	9.1	74151.1	-4149.9								
1669	9.2	74153.8	-4158.1								
1670	10.1	74155.1	-4158.8								
1671	10.0	74159.6	-4104.3								
1672	10.1	74200.6	-4145.5								
1673	10.1	74204.6	-4131.3								
1674	10.2	74225.1	-4121.9								
1675	10.2	74230.1	-4151.1								
1676	9.2	74234.6	-4108.4								
1677	9.8	74234.6	-4143.3								
1678	8.6	74235.6	-4122.9								
1679	10.2	74238.6	-4115.4								
1680	8.8	74240.6	-4153.1								
1681	10.2	74241.1	-4104.0								
1682	9.3	74243.6	-4139.5								
1683	10.0	74254.1	-4126.1								
1684	8.8	74255.1	-4112.6								
1685	7.6	74255.6	-4111.7								
1686	10.2	74256.1	-4126.5								

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1687	10.2	74259.9	-4104.8	1777	10.2	74712.1	-4144.2	1867	9.9	75140.5	-4117.5
1688	10.2	74304.1	-4151.6	1778	9.8	74714.6	-4117.0	1868	10.2	75146.5	-4141.8
1689	10.2	74311.6	-4126.0	1779	10.2	74715.1	-4133.6	1869	8.6	75148.5	-4135.3
1690	10.2	74311.9	-4149.1	1780	9.8	74719.0	-4119.0	1870	9.8	75153.0	-4121.5
1691	9.6	74315.6	-4146.1	1781	10.2	74719.6	-4142.0	1871	10.2	75154.0	-4137.7
1692	10.2	74315.9	-4138.7	1782	9.5	74719.6	-4139.3	1872	8.8	75157.0	-4134.7
1693	9.8	74317.1	-4113.8	1783	10.4	74722.8	-4158.3	1873	9.9	75157.5	-4114.0
1694	10.2	74317.6	-4155.8	1784	9.6	74725.5	-4146.3	1874	9.2	75203.0	-4118.5
1695	10.2	74318.1	-4102.5	1785	10.2	74729.5	-4110.2	1875	9.2	75204.5	-4140.5
1696	10.2	74328.1	-4106.8	1786	9.2	74729.5	-4114.4	1876	10.2	75205.5	-4119.9
1697	9.8	74328.1	-4158.9	1787	10.4	74731.5	-4125.7	1877	10.4	75205.6	-4158.8
1698	10.2	74328.1	-4130.4	1788	10.4	74733.5	-4145.7	1878	9.8	75208.1	-4102.7
1699	10.2	74329.6	-4149.0	1789	10.2	74740.9	-4101.5	1879	10.4	75212.0	-4124.0
1700	9.2	74336.1	-4113.6	1790	9.2	74743.5	-4140.3	1880	8.6	75213.0	-4138.5
1701	10.1	74339.1	-4130.5	1791	10.4	74746.5	-4142.7	1881	10.1	75215.0	-4139.5
1702	10.2	74342.1	-4130.3	1792	8.6	74749.0	-4127.8	1882	8.8	75215.5	-4135.2
1703	10.1	74343.6	-4120.6	1793	9.9	74751.7	-4101.2	1883	10.2	75215.5	-4148.9
1704	9.6	74347.6	-4157.3	1794	10.4	74752.5	-4109.5	1884	10.2	75217.0	-4139.7
1705	8.5	74348.1	-4117.7	1795	9.4	74754.0	-4133.9	1885	9.0	75219.5	-4109.1
1706	9.6	74348.6	-4126.0	1796	9.9	74800.5	-4113.5	1886	9.0	75222.5	-4125.4
1707	10.1	74350.6	-4145.3	1797	9.6	74806.5	-4107.9	1887	10.1	75230.5	-4156.3
1708	10.2	74356.6	-4128.9	1798	9.4	74807.0	-4118.9	1888	9.9	75232.0	-4129.3
1709	10.2	74357.6	-4107.1	1799	9.2	74813.5	-4108.8	1889	10.4	75232.0	-4120.5
1710	9.2	74400.1	-4136.9	1800	10.2	74815.0	-4156.5	1890	10.2	75233.0	-4100.0
1711	10.2	74400.9	-4100.0	1801	10.4	74819.0	-4153.5	1891	9.8	75235.5	-4110.4
1712	9.8	74410.1	-4123.2	1802	10.2	74819.4	-4100.5	1892	10.4	75243.5	-4104.7
1713	10.2	74415.6	-4153.3	1803	10.4	74819.5	-4132.1	1893	10.4	75245.0	-4117.9
1714	9.2	74419.1	-4148.0	1804	10.4	74821.0	-4105.1	1894	8.1	75246.0	-4118.5
1715	10.2	74420.6	-4148.9	1805	10.2	74821.0	-4109.2	1895	10.2	75251.0	-4140.4
1716	9.0	74424.1	-4156.3	1806	9.2	74823.5	-4133.5	1896	9.8	75256.5	-4131.8
1717	10.2	74429.6	-4102.9	1807	9.7	74826.0	-4138.4	1897	9.2	75300.0	-4116.1
1718	8.8	74429.6	-4128.8	1808	9.7	74826.0	-4156.1	1898	10.4	75301.5	-4135.6
1719	10.2	74431.6	-4118.8	1809	10.4	74829.7	-4157.5	1899	10.1	75302.0	-4129.1
1720	9.6	74434.1	-4138.0	1810	10.0	74832.0	-4130.6	1900	10.2	75305.5	-4140.8
1721	10.0	74444.1	-4126.0	1811	10.2	74835.5	-4117.3	1901	9.4	75306.0	-4106.8
1722	10.0	74446.1	-4145.8	1812	10.2	74840.5	-4115.6	1902	10.4	75309.0	-4126.6
1723	10.0	74455.3	-4100.3	1813	10.2	74849.0	-4128.3	1903	10.2	75310.5	-4139.0
1724	10.2	74457.1	-4130.7	1814	10.4	74849.5	-4139.8	1904	9.6	75313.0	-4130.8
1725	10.2	74500.6	-4154.6	1815	10.2	74856.0	-4137.7	1905	10.2	75321.0	-4156.5
1726	9.8	74505.1	-4135.0	1816	10.2	74857.0	-4137.8	1906	9.0	75322.5	-4114.1
1727	10.0	74509.6	-4128.6	1817	9.9	74902.5	-4126.7	1907	9.9	75323.0	-4123.8
1728	10.1	74512.6	-4122.6	1818	10.0	74905.5	-4135.1	1908	9.4	75324.5	-4126.6
1729	10.2	74514.6	-4134.4	1819	10.4	74912.5	-4145.9	1909	10.4	75327.5	-4109.7
1730	8.8	74519.6	-4138.4	1820	10.4	74915.5	-4154.7	1910	10.2	75328.5	-4145.3
1731	9.3	74520.6	-4143.4	1821	9.8	74920.5	-4114.9	1911	9.9	75329.5	-4115.9
1732	10.2	74521.1	-4149.8	1822	10.2	74921.5	-4146.3	1912	8.4	75332.0	-4111.9
1733	9.6	74521.6	-4118.8	1823	10.4	74929.0	-4104.7	1913	10.1	75332.5	-4121.9
1734	9.8	74524.6	-4145.9	1824	10.4	74929.5	-4110.9	1914	10.1	75335.0	-4114.1
1735	10.1	74525.6	-4138.9	1825	10.4	74932.4	-4158.8	1915	10.4	75335.5	-4116.2
1736	10.2	74527.6	-4109.0	1826	9.8	74933.5	-4104.9	1916	10.4	75337.0	-4148.6
1737	10.2	74529.6	-4141.8	1827	10.4	74936.5	-4136.1	1917	10.2	75337.7	-4101.7
1738	10.1	74536.1	-4132.7	1828	10.2	74939.0	-4117.7	1918	9.7	75338.0	-4138.9
1739	9.6	74537.1	-4129.4	1829	9.8	74939.5	-4137.7	1919	7.8	75340.5	-4118.3
1740	10.0	74541.1	-4102.8	1830	9.6	74940.0	-4142.3	1920	9.2	75340.5	-4124.7
1741	10.2	74543.1	-4105.6	1831	9.2	74940.5	-4157.4	1921	10.4	75340.5	-4115.2
1742	8.0	74547.6	-4149.8	1832	9.4	74942.7	-4101.0	1922	10.2	75341.0	-4155.7
1743	9.8	74548.1	-4104.5	1833	10.4	74944.0	-4137.9	1923	9.8	75342.0	-4145.6
1744	9.8	74553.1	-4157.2	1834	10.1	74946.0	-4108.1	1924	8.8	75342.5	-4112.5
1745	10.1	74553.6	-4104.8	1835	8.0	74949.5	-4122.5	1925	10.4	75347.5	-4150.8
1746	9.8	74553.6	-4139.7	1836	9.4	74952.5	-4130.5	1926	10.4	75349.2	-4102.6
1747	9.2	74555.6	-4122.8	1837	10.4	74957.5	-4113.4	1927	9.9	75353.0	-4110.0
1748	9.2	74600.6	-4132.9	1838	9.9	75000.5	-4124.5	1928	10.4	75402.0	-4114.4
1749	10.0	74600.6	-4104.8	1839	10.0	75003.0	-4142.6	1929	9.4	75410.5	-4140.5
1750	9.6	74603.8	-4149.5	1840	9.0	75005.0	-4151.1	1930	9.8	75411.0	-4137.2
1751	10.0	74605.8	-4127.8	1841	9.8	75012.0	-4119.1	1931	9.6	75411.0	-4110.1
1752	10.2	74608.6	-4124.8	1842	8.3	75014.0	-4119.8	1932	9.8	75414.5	-4104.5
1753	10.0	74610.3	-4145.2	1843	10.4	75014.0	-4109.7	1933	10.1	75417.0	-4151.5
1754	9.8	74615.4	-4158.0	1844	10.4	75017.5	-4112.9	1934	10.2	75419.0	-4131.6
1755	10.2	74619.3	-4147.9	1845	9.9	75020.0	-4140.9	1935	9.9	75419.0	-4152.0
1756	10.2	74620.6	-4141.8	1846	10.2	75021.0	-4132.1	1936	10.1	75423.6	-4117.0
1757	10.1	74624.3	-4103.0	1847	10.4	75028.5	-4119.1	1937	10.4	75429.1	-4146.3
1758	9.8	74628.6	-4152.0	1848	10.4	75031.0	-4140.1	1938	8.8	75435.6	-4147.5
1759	9.8	74629.3	-4142.0	1849	9.4	75044.0	-4103.7	1939	9.7	75437.9	-4157.4
1760	8.6	74631.3	-4155.8	1850	10.4	75046.5	-4115.3	1940	9.8	75439.1	-4126.4
1761	9.6	74632.6	-4149.2	1851	10.4	75103.5	-4138.5	1941	9.7	75439.1	-4151.0
1762	9.6	74634.0	-4141.4	1852	10.0	75104.0	-4151.3	1942	10.4	75446.6	-4147.2
1763	10.2	74635.6	-4126.2	1853	9.8	75105.0	-4129.7	1943	8.8	75451.6	-4115.2
1764	10.2	74635.6	-4108.6	1854	8.1	75105.5	-4130.4	1944	9.0	75452.6	-4114.0
1765	10.2	74640.6	-4156.6	1855	10.1	75109.1	-4100.9	1945	10.4	75453.6	-4154.0
1766	9.2	74641.8	-4150.8	1856	10.4	75110.5	-4125.8	1946	9.9	75455.1	-4139.8
1767	10.2	74650.0	-4154.5	1857	10.2	75114.5	-4151.9	1947	9.9	75455.1	-4119.7
1768	10.2	74658.1	-4119.0	1858	9.6	75115.5	-4127.9	1948	10.4	75458.1	-4117.2
1769	10.2	74659.1	-4151.8	1859	9.2	75119.0	-4103.5	1949	10.4	75458.6	-4157.8
1770	10.0	74700.8	-4148.0	1860	9.4	75125.5	-4123.7	1950	10.2	75459.1	-4104.7
1771	9.6	74703.6	-4149.5	1861	9.2	75129.0	-4145.3	1951	9.0	75501.6	-4132.0
1772	10.0	74707.3	-4134.9	1862	9.8	75130.5	-4123.1	1952	10.2	75502.6	-4149.3
1773	9.3	74709.3	-4141.0	1863	9.2	75130.5	-4129.9	1953	10.4	75505.1	-4102.1
1774	9.5	74709.6	-4145.9	1864	10.4	75133.0	-4125.7	1954	10.4	75505.1	-4146.9
1775	10.2	74709.6	-4154.8	1865	9.7	75139.0	-4108.5	1955	9.9	75505.6	-4133.2
1776	9.6	74710.6	-4100.8	1866	9.2	75139.0	-4104.1	1956	8.6	75513.6	-4136.0

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1957	10.4	75520.9	-4101.5	1967	10.2	75550.6	-4138.7	1977	9.0	75612.0	-4118.9
1958	9.8	75530.1	-4122.8	1968	9.9	75553.6	-4108.2	1978	10.2	75612.5	-4126.8
1959	10.4	75532.6	-4108.6	1969	9.8	75554.1	-4107.2	1979	10.4	75618.5	-4153.0
1960	10.1	75541.6	-4139.1	1970	9.9	75554.1	-4103.4	1980	9.2	75621.0	-4133.2
1961	10.4	75543.1	-4127.0	1971	10.4	75554.6	-4116.2	1981	10.4	75621.0	-4133.5
1962	8.3	75543.6	-4121.6	1972	10.2	75556.6	-4155.9	1982	10.4	75624.0	-4127.2
1963	10.4	75544.6	-4156.9	1973	9.8	75600.0	-4141.0	1983	10.1	75624.5	-4151.1
1964	10.4	75545.1	-4122.7	1974	9.0	75603.5	-4117.7	1984	10.2	75625.5	-4128.6
1965	9.9	75545.6	-4129.6	1975	8.0	75611.0	-4156.0	1985	10.2	75628.5	-4145.8
1966	10.4	75548.1	-4155.8	1976	8.5	75611.0	-4154.5	1986	10.2	75631.0	-4109.4
1967	10.2	75550.6	-4138.7	1977	9.0	75612.0	-4118.9				
1968	9.9	75553.6	-4108.2	1978	10.2	75612.5	-4126.8				
1969	9.8	75554.1	-4107.2	1979	10.4	75618.5	-4153.0				
1970	9.9	75554.1	-4103.4	1980	9.2	75621.0	-4133.2				
1971	10.4	75554.6	-4116.2	1981	10.4	75621.0	-4133.5				
1972	10.2	75556.6	-4155.9	1982	10.4	75624.0	-4127.2				
1973	9.8	75600.0	-4141.0	1983	10.1	75624.5	-4151.1				
1974	9.0	75603.5	-4117.7	1984	10.2	75625.5	-4128.6				
1975	8.0	75611.0	-4156.0	1985	10.2	75628.5	-4145.8				
1976	8.5	75611.0	-4154.5	1986	10.2	75631.0	-4109.4				
1977	9.0	75612.0	-4118.9	1987	10.0	75633.0	-4111.0				
1978	10.2	75612.5	-4126.8	1988	10.4	75634.0	-4103.9				
1979	10.4	75618.5	-4153.0	1989	8.3	75636.3	-4158.3				
1980	9.2	75621.0	-4133.2	1990	10.4	75637.0	-4150.4				
1981	10.4	75621.0	-4133.5	1991	10.4	75639.0	-4148.9				
1982	10.4	75624.0	-4127.2	1992	9.4	75639.5	-4128.6				
1983	10.1	75624.5	-4151.1	1993	9.8	75640.0	-4110.8				
1984	10.2	75625.5	-4128.6	1994	9.6	75643.5	-4126.8				
1985	10.2	75628.5	-4145.8	1995	9.9	75648.5	-4143.9				
1986	10.2	75631.0	-4109.4	1996	9.8	75650.0	-4141.2				
1987	10.0	75633.0	-4111.0	1997	9.8	75653.0	-4154.0				
1988	10.4	75634.0	-4103.9	1998	8.3	75654.0	-4124.6				
1989	8.3	75636.3	-4158.3	1999	9.0	75654.0	-4122.7				
1990	10.4	75637.0	-4150.4	2000	9.4	75700.0	-4119.3				
1991	10.4	75639.0	-4148.9	2001	9.7	75700.0	-4112.7				
1992	9.4	75639.5	-4128.6	2002	10.2	75701.0	-4130.8				
1993	9.8	75640.0	-4110.8	2003	9.4	75704.0	-4130.0				
1994	9.6	75643.5	-4126.8	2004	9.8	75704.0	-4152.1				
1995	9.9	75648.5	-4143.9	2005	10.1	75705.0	-4109.0				
1996	9.8	75650.0	-4141.2	2006	9.9	75709.0	-4146.7				
1997	9.8	75653.0	-4154.0	2007	9.0	75710.5	-4140.9				
1998	8.3	75654.0	-4124.6	2008	10.4	75711.5	-4132.0				
1999	9.0	75654.0	-4122.7	2009	9.4	75716.0	-4118.3				
2000	9.4	75700.0	-4119.3	2010	10.0	75718.0	-4110.6				
2001	9.7	75700.0	-4112.7	2011	9.7	75718.7	-4101.7				
2002	10.2	75701.0	-4130.8	2012	9.9	75723.6	-4157.8				
2003	9.4	75704.0	-4130.0	2013	10.4	75724.5	-4132.9				
2004	9.8	75704.0	-4152.1	2014	9.2	75727.5	-4125.4				
2005	10.1	75705.0	-4109.0	2015	10.4	75729.3	-4145.8				
2006	9.9	75709.0	-4146.7	2016	10.4	75733.3	-4142.3				
2007	9.0	75710.5	-4140.9	2017	9.8	75733.8	-4118.6				
2008	10.4	75711.5	-4132.0	2018	9.4	75737.8	-4100.9				
2009	9.4	75716.0	-4118.3	2019	9.4	75741.8	-4154.6				
2010	10.0	75718.0	-4110.6	2020	9.6	75743.3	-4116.4				
2011	9.7	75718.7	-4101.7	2021	10.1	75743.3	-4152.7				
2012	9.9	75723.6	-4157.8	2022	10.2	75748.3	-4154.2				
2013	10.4	75724.5	-4132.9	2023	9.7	75750.3	-4123.8				
2014	9.2	75727.5	-4125.4	2024	10.2	75751.3	-4157.9				
2015	10.4	75729.3	-4145.8	2025	8.6	75754.3	-4132.8				
2016	10.4	75733.3	-4142.3	2026	8.4	75756.3	-4136.6				
2017	9.8	75733.8	-4118.6	2027	9.9	75756.8	-4111.4				
2018	9.4	75737.8	-4100.9	2028	10.2	75802.8	-4102.1				
2019	9.4	75741.8	-4154.6	2029	9.6	75806.1	-4101.8				
2020	9.6	75743.3	-4116.4	2030	10.4	75806.5	-4159.6				
2021	10.1	75743.3	-4152.7	2031	10.4	75807.8	-4106.4				
2022	10.2	75748.3	-4154.2	2032	10.4	75811.3	-4142.6				
2023	9.7	75750.3	-4123.8	2033	9.4	75816.3	-4121.2				
2024	10.2	75751.3	-4157.9	2034	9.2	75818.3	-4151.4				
2025	8.6	75754.3	-4132.8	2035	9.8	75818.8	-4145.4				
2026	8.4	75756.3	-4136.6	2036	10.4	75819.3	-4115.6				
2027	9.9	75756.8	-4111.4	2037	9.4	75819.3	-4104.0				
2028	10.2	75802.8	-4102.1	2038	10.0	75822.3	-4100.5				
2029	9.6	75806.1	-4101.8	2039	9.0	75822.7	-4158.8				
2030	10.4	75806.5	-4159.6	2040	10.4	75825.8	-4120.0				
2031	10.4	75807.8	-4106.4	2041	9.2	75828.3	-4107.1				
2032	10.4	75811.3	-4142.6	2042	9.4	75834.3	-4107.0				
2033	9.4	75816.3	-4121.2	2043	9.8	75834.3	-4133.8				
2034	9.2	75818.3	-4151.4	2044	10.2	75837.8	-4111.0				
2035	9.8	75818.8	-4145.4	2045	9.0	75840.3	-4154.2				
2036	10.4	75819.3	-4115.6	2046	9.9	75844.3	-4112.6				

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2047	9.2	75847.8	-4154.2	2137	8.5	80259.5	-4122.3	2227	10.4	80718.3	-4129.8
2048	9.0	75855.3	-4122.5	2138	9.8	80304.5	-4135.0	2228	9.2	80719.7	-4101.6
2049	9.6	75859.8	-4125.5	2139	9.0	80306.5	-4122.4	2229	10.2	80720.8	-4132.0
2050	9.8	75900.3	-4154.8	2140	9.4	80310.0	-4132.9	2230	9.6	80726.3	-4148.5
2051	10.2	75900.3	-4124.0	2141	10.2	80312.0	-4103.1	2231	9.9	80726.3	-4122.1
2052	10.2	75903.8	-4130.5	2142	10.1	80312.5	-4154.2	2232	9.8	80728.8	-4119.3
2053	10.4	75905.8	-4154.4	2143	9.9	80312.5	-4123.1	2233	9.9	80729.3	-4126.4
2054	9.2	75910.8	-4150.3	2144	10.4	80315.0	-4103.5	2234	10.4	80731.8	-4153.6
2055	9.0	75919.8	-4124.3	2145	10.4	80316.5	-4156.5	2235	8.2	80736.3	-4124.8
2056	10.4	75922.3	-4139.7	2146	9.8	80318.1	-4157.4	2236	10.4	80750.3	-4107.0
2057	10.0	75923.3	-4135.5	2147	9.8	80319.5	-4154.2	2237	10.1	80751.8	-4108.4
2058	10.2	75923.3	-4141.6	2148	9.9	80320.0	-4119.8	2238	9.9	80752.8	-4140.6
2059	9.8	75932.3	-4136.5	2149	7.7	80327.0	-4126.8	2239	9.9	80755.5	-4157.3
2060	9.6	75941.7	-4102.8	2150	10.4	80327.5	-4151.8	2240	10.1	80759.8	-4116.1
2061	9.8	75943.3	-4143.0	2151	9.8	80333.0	-4131.9	2241	9.6	80759.8	-4111.1
2062	9.4	75950.3	-4129.5	2152	9.6	80334.0	-4103.0	2242	9.9	80801.3	-4118.9
2063	10.4	75956.3	-4128.7	2153	10.4	80339.5	-4144.4	2243	9.2	80808.2	-4100.3
2064	8.6	75959.5	-4157.7	2154	9.9	80339.5	-4124.4	2244	9.9	80808.8	-4120.6
2065	10.2	75959.8	-4117.1	2155	10.4	80341.0	-4102.0	2245	9.8	80815.8	-4143.5
2066	9.6	80000.8	-4129.0	2156	10.2	80342.5	-4128.8	2246	10.2	80816.3	-4140.4
2067	9.8	80000.8	-4123.7	2157	10.2	80344.5	-4106.8	2247	10.4	80819.8	-4110.3
2068	9.8	80001.8	-4107.7	2158	9.6	80346.5	-4114.2	2248	10.2	80821.3	-4114.6
2069	8.8	80003.8	-4124.5	2159	9.0	80355.5	-4138.4	2249	8.6	80829.3	-4132.1
2070	10.4	80008.3	-4116.2	2160	10.4	80358.5	-4116.9	2250	10.4	80839.3	-4113.5
2071	9.4	80014.8	-4123.6	2161	9.8	80359.5	-4139.4	2251	8.2	80842.3	-4126.5
2072	8.6	80014.8	-4119.0	2162	8.6	80359.5	-4139.9	2252	9.6	80846.0	-4155.5
2073	10.4	80023.3	-4100.4	2163	9.8	80407.5	-4114.2	2253	9.2	80848.0	-4126.1
2074	9.8	80028.3	-4111.0	2164	9.8	80408.5	-4113.4	2254	10.2	80849.0	-4116.0
2075	9.4	80028.3	-4119.0	2165	8.6	80413.5	-4133.0	2255	9.4	80857.5	-4146.3
2076	9.4	80031.3	-4154.0	2166	9.8	80417.0	-4127.2	2256	9.6	80859.0	-4128.9
2077	8.6	80031.3	-4152.6	2167	10.2	80419.5	-4140.8	2257	8.6	80901.0	-4102.3
2078	10.2	80033.5	-4159.1	2168	9.8	80421.0	-4121.8	2258	9.6	80902.5	-4142.8
2079	10.1	80034.8	-4137.5	2169	8.3	80425.5	-4141.5	2259	9.4	80904.0	-4141.8
2080	10.2	80036.3	-4140.6	2170	8.3	80426.5	-4149.6	2260	10.1	80908.0	-4130.8
2081	8.8	80036.3	-4145.4	2171	10.1	80429.8	-4107.8	2261	9.4	80908.0	-4119.0
2082	10.4	80036.7	-4157.7	2172	9.9	80430.8	-4144.9	2262	10.1	80909.0	-4138.6
2083	9.4	80044.6	-4102.0	2173	9.4	80436.8	-4140.0	2263	9.8	80910.5	-4143.3
2084	10.2	80045.3	-4107.9	2174	10.2	80439.3	-4143.0	2264	10.4	80911.0	-4156.0
2085	10.2	80045.3	-4114.0	2175	10.2	80443.3	-4126.8	2265	10.2	80921.0	-4109.0
2086	9.8	80045.8	-4154.0	2176	9.2	80451.8	-4142.9	2266	9.0	80923.5	-4112.2
2087	10.4	80049.6	-4137.1	2177	9.2	80451.8	-4139.9	2267	8.6	80926.0	-4105.2
2088	9.8	80053.6	-4154.9	2178	10.4	80453.3	-4100.4	2268	10.4	80927.5	-4117.3
2089	10.2	80054.1	-4145.5	2179	9.7	80455.3	-4103.8	2269	10.4	80930.5	-4152.9
2090	9.6	80056.6	-4110.1	2180	9.4	80455.5	-4102.8	2270	10.4	80934.0	-4120.8
2091	9.8	80102.1	-4158.5	2181	9.4	80459.3	-4140.1	2271	9.4	80937.0	-4110.4
2092	9.9	80103.6	-4114.1	2182	9.2	80459.3	-4145.0	2272	9.8	80938.0	-4126.0
2093	9.8	80104.1	-4108.9	2183	9.4	80508.3	-4113.0	2273	9.6	80939.0	-4120.1
2094	10.2	80104.6	-4131.2	2184	10.4	80511.8	-4111.4	2274	9.8	80939.5	-4153.9
2095	10.0	80106.1	-4112.3	2185	9.8	80512.8	-4111.9	2275	8.4	80940.5	-4113.6
2096	9.8	80108.6	-4106.5	2186	9.9	80513.8	-4115.4	2276	9.7	80940.5	-4122.7
2097	9.7	80109.6	-4136.9	2187	10.4	80516.8	-4128.3	2277	9.8	80941.5	-4115.4
2098	9.4	80110.6	-4107.9	2188	10.1	80529.3	-4130.8	2278	10.4	80943.4	-4132.9
2099	9.8	80110.8	-4158.9	2189	10.2	80529.3	-4143.2	2279	10.2	80943.5	-4113.4
2100	10.2	80111.1	-4124.7	2190	10.4	80533.8	-4150.1	2280	9.4	80945.5	-4117.2
2101	9.7	80121.6	-4126.5	2191	10.2	80533.8	-4158.7	2281	10.0	80945.5	-4150.0
2102	9.2	80124.6	-4122.5	2192	10.2	80535.3	-4148.1	2282	10.2	80946.0	-4131.6
2103	10.1	80128.1	-4143.7	2193	10.2	80539.3	-4145.0	2283	10.4	80946.5	-4144.1
2104	9.8	80129.6	-4129.5	2194	9.6	80539.8	-4153.6	2284	10.4	80947.0	-4115.3
2105	9.4	80132.1	-4125.9	2195	9.7	80540.8	-4115.0	2285	9.4	80950.0	-4138.3
2106	9.9	80134.1	-4136.7	2196	9.8	80542.8	-4106.1	2286	10.2	80951.5	-4113.0
2107	10.1	80138.1	-4151.7	2197	10.1	80548.3	-4125.2	2287	10.2	80952.5	-4119.6
2108	10.1	80138.1	-4152.8	2198	10.1	80548.3	-4145.0	2288	10.4	80954.5	-4115.2
2109	9.0	80140.1	-4142.7	2199	10.4	80550.8	-4112.7	2289	10.4	81000.5	-4150.9
2110	10.1	80144.1	-4105.5	2200	10.1	80553.0	-4144.6	2290	9.8	81003.0	-4110.1
2111	10.4	80144.1	-4134.5	2201	10.4	80556.3	-4159.2	2291	9.8	81007.0	-4107.8
2112	10.1	80144.6	-4105.7	2202	9.9	80600.3	-4104.3	2292	9.9	81007.5	-4123.9
2113	10.2	80145.1	-4138.4	2203	9.9	80600.3	-4109.3	2293	10.4	81010.5	-4116.1
2114	9.6	80145.1	-4147.9	2204	10.2	80604.3	-4109.1	2294	10.2	81011.5	-4130.5
2115	10.1	80146.1	-4113.7	2205	10.2	80611.8	-4105.9	2295	10.4	81012.4	-4101.1
2116	10.4	80148.1	-4158.8	2206	10.4	80616.3	-4122.4	2296	10.4	81014.4	-4154.3
2117	9.4	80151.1	-4125.9	2207	9.7	80616.3	-4155.2	2297	10.4	81014.5	-4143.8
2118	10.4	80152.1	-4150.9	2208	10.2	80619.3	-4136.7	2298	8.8	81024.0	-4147.3
2119	10.4	80154.1	-4141.9	2209	9.9	80624.8	-4134.3	2299	10.4	81026.0	-4146.4
2120	10.2	80202.6	-4123.3	2210	9.8	80628.3	-4142.8	2300	9.4	81027.5	-4142.1
2121	10.4	80207.1	-4157.7	2211	9.4	80631.8	-4129.7	2301	9.2	81028.0	-4127.2
2122	9.9	80211.5	-4101.2	2212	10.2	80632.8	-4127.2	2302	7.8	81031.0	-4139.5
2123	9.8	80211.6	-4117.1	2213	9.2	80634.3	-4134.8	2303	8.8	81031.5	-4150.3
2124	9.9	80220.1	-4103.5	2214	9.4	80635.0	-4102.1	2304	10.4	81039.0	-4131.9
2125	9.9	80221.1	-4111.3	2215	10.4	80636.3	-4103.9	2305	9.9	81045.5	-4147.4
2126	10.0	80223.1	-4135.3	2216	10.1	80637.8	-4129.1	2306	10.4	81045.8	-4101.1
2127	10.4	80225.5	-4120.2	2217	10.2	80641.3	-4136.6	2307	10.4	81049.1	-4126.9
2128	10.4	80235.0	-4146.0	2218	9.8	80646.3	-4143.4	2308	9.4	81051.8	-4103.1
2129	10.2	80237.0	-4155.0	2219	9.8	80648.3	-4151.1	2309	9.8	81054.0	-4107.1
2130	9.9	80238.5	-4122.1	2220	10.4	80655.3	-4116.0	2310	9.9	81058.0	-4123.7
2131	9.8	80239.5	-4144.8	2221	10.4	80656.8	-4146.0	2311	9.6	81058.0	-4135.1
2132	10.2	80241.5	-4131.6	2222	9.4	80702.8	-4133.8	2312	10.4	81102.5	-4145.0
2133	9.8	80248.5	-4135.0	2223	9.2	80704.2	-4158.9	2313	9.9	81107.0	-4128.4
2134	10.4	80249.2	-4158.2	2224	9.2	80707.8	-4132.1	2314	9.0	81107.5	-4109.9
2135	9.4	80255.0	-4115.7	2225	10.4	80712.8	-4128.3	2315	9.8	81127.5	-4121.5
2136	9.9	80257.0	-4155.0	2226	10.4	80714.3	-4142.3	2316	9.1	81135.0	-4118.1
								2317	9.8	81135.0	-4147.0
								2318	9.8	81145.5	-4135.2
								2319	9.9	81150.0	-4145.9
								2320	10.4	81152.5	-4115.1
								2321	8.8	81203.5	-4129.8
								2322	8.6	81211.5	-4152.7
								2323	10.0	81211.5	-4151.0
								2324	9.4	81219.0	-4144.9
								2325	9.2	81230.0	-4128.8
								2326	9.0	81232.0	-4129.3
								2327	10.4	81241.0	-4120.7
								2328	10.4	81244.7	-4129.6
								2329	10.4	81247.0	-4123.4
								2330	9.9	81250.8	-4151.0
								2331	9.9	81252.5	-4113.1
								2332	9.8	81253.0	-4150.8
								2333	10.4	81304.5	-4129.3
								2334	9.6	81305.5	-4154.2
								2335	10.4	81314.0	-4131.1
								2336	9.8	81315.7	-4100.0
								2337	8.8	81318.8	-4119.2
								2338	10.4	81325.5	-4124.8
								2339	10.4	81328.5	-4123.0
								2340	9.2	81328.8	-4125.2
								2341	10.4	81329.5	-4116.9
								2342	9.0	81331.0	-4132.3
								2343	10.1	81332.8	-4145.2
								2344	9.4	81335.0	-4153.7
								2345	9.7	81335.5	-4111.8
								2346	9.4	81336.6	-4145.0
								2347	10.3	81339.6	-4128.6
								2348	9.2	81340.7	-4102.8
								2349	10.3	81341.2	-4103.3
								2350	10.3	81342.6	-4119.3
								2351	8.4	81344.2	-4143.3
								2352	9.8	81345.2	-4122.7
								2353	9.0	81351.2	-4145.0
								2354	9.7	81354.2	-4122.8
								2355	9.6	81400.2	-4155.6
								2356	10.0	81410.2	-4150.2
								2357	10.0	81419.7	-4134.2
								2358	10.2	81421.2	-4112.8
								2359	8.9	81425.2	-4126.1
								2360	10.0	81429.2	-4130.3
								2361	10.3	81429.7	-4137.1
								2362	8.9	81430.2	-4129.0
								2363	10.3	81434.2	-4155.8
								2364	10.3	81436.2	-4103.9
								2365	9.7	81437.7	-4130.0
								2366	8.3	81441.2	-4135.5
								2367	9.0	81443.7	-4108.3
								2368	9.2	81444.2	-4106.3
								2369	9.8	81446.7	-4135.0
								2370	10.3	81454.7	-4144.8
								2371	9.2	81504.2	-4109.6
								2372	9.8	81504.7	-4156.6
								2373	8.5	81510.2	-4137.0
								2374	10.3	81510.2	-4139.0
								2375	10.3	81510.7	-4138.4
								2376	8.5	81510.9	-4159.2
								2377	9.7	81515.2	-4104.4
								2378	10.2	81520.2	-4113.4
								2379	10.0	81525.2	-4122.5
								2380	9.6	81530.2	-4113.3
								2381	9.6	81530.2	-4113.8
								2382	9.2	81531.2	-4159.6
								2383	9.0	81533.2	-4123.8
								2384	9.9	81533.7	-4106.0
								2385	10.0	81534.9	-4158.2
								2386	9.6	81537.7	-4126.0
								2387	9.7	81541.7	-4149.3
								2388	10.3	81544.2	-4147.0
								2389	10.3	81547.7	-4137.9
								2390	8.4	81551.2	-4139.8
								2391	10.3	81551.7	-4151.5
								2392	9.7	81557.7	-4138.8
								2393	9.8	81606.7	-4105.8
								2394	10.2	81610.2	-4123.0
								2395	10.3	81611.2	-4108.6
								2396	10.0	81614.2	-4119.6
								2397	8.9	81615.5	-4102.0
								2398	10.3	81619.2	-4146.6
								2399	10.3	81624.2	-4126.5
								2400	10.3	81627.7	-4149.1
								2401	9.7	81635.2	-4150.7
								2402	9.6	81640.2	-4156.3
								2403	9.7	81641.2	-4105.0
								2404	9.8	81649.2	-4101.7
								2405	8.8	81651.2	-4152.7
								2406	9.8	81652.2	-4151.9

2407	10.0	81653.2	-4146.6	2497	10.0	82053.0	-4114.7	2587	10.2	82442.3	-4102.2
2408	9.2	81653.7	-4114.8	2498	10.2	82058.5	-4111.8	2588	10.2	82444.8	-4144.1
2409	9.2	81654.2	-4148.7	2499	10.0	82058.5	-4159.9	2589	10.3	82446.3	-4105.1
2410	9.8	81700.2	-4129.4	2500	10.2	82059.1	-4159.3	2590	10.2	82453.8	-4158.6
2411	10.0	81708.2	-4149.2	2501	9.8	82100.0	-4115.4	2591	10.3	82454.8	-4155.1
2412	10.0	81719.2	-4119.5	2502	9.4	82105.0	-4105.9	2592	10.3	82455.6	-4157.2
2413	10.2	81729.7	-4152.0	2503	9.8	82110.0	-4117.1	2593	9.6	82457.8	-4145.4
2414	10.2	81731.9	-4159.9	2504	9.8	82113.0	-4148.7	2594	10.0	82458.8	-4123.1
2415	9.8	81732.2	-4125.2	2505	9.8	82114.5	-4117.2	2595	10.3	82503.3	-4121.0
2416	9.4	81733.2	-4152.9	2506	9.7	82118.5	-4125.9	2596	10.3	82504.8	-4128.8
2417	10.3	81733.9	-4136.0	2507	8.8	82119.8	-4101.8	2597	9.2	82504.8	-4120.8
2418	9.7	81734.7	-4133.1	2508	10.0	82122.0	-4122.3	2598	9.9	82505.8	-4103.3
2419	9.9	81735.7	-4147.1	2509	9.7	82124.0	-4130.8	2599	8.2	82510.8	-4106.5
2420	10.0	81736.7	-4136.0	2510	9.2	82124.8	-4158.9	2600	8.8	82519.8	-4122.3
2421	10.2	81740.2	-4134.6	2511	10.0	82125.0	-4140.8	2601	9.9	82519.8	-4153.0
2422	9.0	81744.2	-4117.5	2512	9.0	82126.0	-4131.9	2602	10.0	82520.3	-4108.9
2423	9.6	81744.2	-4108.6	2513	5.5	82130.0	-4144.7	2603	9.7	82520.8	-4125.1
2424	9.6	81747.7	-4144.1	2514	9.4	82134.5	-4140.8	2604	10.2	82521.3	-4118.8
2425	9.7	81748.7	-4115.8	2515	10.3	82142.1	-4159.5	2605	10.3	82521.8	-4111.3
2426	10.3	81752.7	-4145.9	2516	10.3	82144.5	-4129.0	2606	10.3	82524.3	-4132.2
2427	9.4	81754.7	-4142.0	2517	9.2	82149.5	-4109.1	2607	9.0	82525.3	-4129.9
2428	10.2	81755.2	-4150.4	2518	10.3	82149.5	-4127.5	2608	9.0	82525.8	-4130.1
2429	9.2	81755.7	-4104.4	2519	9.2	82150.0	-4134.8	2609	10.2	82526.3	-4117.0
2430	9.8	81757.7	-4153.2	2520	9.8	82151.5	-4104.1	2610	9.8	82529.8	-4145.5
2431	10.3	81806.7	-4142.1	2521	7.9	82153.3	-4143.7	2611	9.7	82530.8	-4128.6
2432	10.2	81809.2	-4145.5	2522	10.0	82158.8	-4142.9	2612	9.9	82531.8	-4130.7
2433	10.3	81810.2	-4125.1	2523	9.8	82200.8	-4113.0	2613	10.2	82535.3	-4131.1
2434	9.8	81810.2	-4129.8	2524	9.8	82204.3	-4119.8	2614	9.8	82536.3	-4143.4
2435	10.0	81811.2	-4131.9	2525	10.3	82205.3	-4138.9	2615	10.2	82538.6	-4158.3
2436	10.3	81812.2	-4148.3	2526	9.7	82205.8	-4141.5	2616	10.3	82538.8	-4119.8
2437	10.3	81815.2	-4118.9	2527	9.2	82205.8	-4137.7	2617	9.0	82539.8	-4113.2
2438	9.7	81816.2	-4110.6	2528	10.3	82207.8	-4155.0	2618	9.9	82549.3	-4106.1
2439	10.3	81817.7	-4130.0	2529	10.2	82209.8	-4135.9	2619	10.2	82549.3	-4159.1
2440	9.6	81818.2	-4101.9	2530	10.2	82209.8	-4139.0	2620	10.3	82549.8	-4155.0
2441	9.9	81820.2	-4136.0	2531	10.3	82215.8	-4136.6	2621	9.8	82550.3	-4135.7
2442	9.4	81821.2	-4121.5	2532	10.2	82217.8	-4133.2	2622	10.3	82550.8	-4139.7
2443	10.3	81822.0	-4132.3	2533	9.4	82225.3	-4133.9	2623	10.3	82551.0	-4159.9
2444	9.9	81823.7	-4141.1	2534	9.4	82229.8	-4101.7	2624	10.2	82553.8	-4136.2
2445	10.0	81824.0	-4113.7	2535	9.6	82233.8	-4152.7	2625	9.9	82555.3	-4121.4
2446	9.9	81824.2	-4113.2	2536	10.0	82234.5	-4159.1	2626	10.0	82559.8	-4127.3
2447	9.8	81824.7	-4113.7	2537	9.6	82237.3	-4112.0	2627	9.7	82608.8	-4156.9
2448	9.9	81825.2	-4110.8	2538	9.7	82244.8	-4100.3	2628	10.3	82609.8	-4148.7
2449	9.2	81826.7	-4147.5	2539	10.2	82246.8	-4112.1	2629	8.0	82619.8	-4105.8
2450	9.2	81829.7	-4110.1	2540	10.3	82248.3	-4153.0	2630	10.2	82621.8	-4115.2
2451	9.8	81830.2	-4108.1	2541	9.4	82249.8	-4104.6	2631	10.2	82625.8	-4159.1
2452	9.4	81830.2	-4148.3	2542	10.3	82253.3	-4154.4	2632	10.0	82627.3	-4104.4
2453	10.3	81840.7	-4114.5	2543	8.6	82254.8	-4118.7	2633	9.6	82628.5	-4157.3
2454	10.2	81841.2	-4136.2	2544	10.3	82258.3	-4144.8	2634	9.2	82634.8	-4145.4
2455	10.2	81842.2	-4129.7	2545	9.7	82302.8	-4121.2	2635	10.2	82635.3	-4145.1
2456	10.3	81848.2	-4117.4	2546	9.4	82304.8	-4100.1	2636	10.2	82637.8	-4144.2
2457	10.3	81854.2	-4105.0	2547	9.2	82305.3	-4108.9	2637	10.3	82639.5	-4159.8
2458	9.2	81856.2	-4129.6	2548	9.7	82305.3	-4145.2	2638	10.2	82640.3	-4104.2
2459	9.8	81857.7	-4133.7	2549	10.2	82312.3	-4103.5	2639	9.2	82641.8	-4135.7
2460	10.0	81857.7	-4146.6	2550	9.0	82312.5	-4144.1	2640	9.8	82644.8	-4140.5
2461	10.3	81858.2	-4147.6	2551	9.6	82313.3	-4129.2	2641	10.3	82647.6	-4119.5
2462	10.2	81859.2	-4122.6	2552	10.2	82317.8	-4151.7	2642	8.9	82648.3	-4137.6
2463	9.2	81900.2	-4122.5	2553	9.9	82320.3	-4154.4	2643	10.3	82653.8	-4133.0
2464	9.7	81901.2	-4112.5	2554	10.3	82320.8	-4146.9	2644	10.2	82654.8	-4156.1
2465	10.0	81904.0	-4153.9	2555	9.2	82323.8	-4116.3	2645	9.8	82659.8	-4123.2
2466	9.8	81904.7	-4154.2	2556	10.3	82324.3	-4125.8	2646	10.3	82701.8	-4121.7
2467	10.3	81905.2	-4145.2	2557	10.2	82329.8	-4107.3	2647	9.9	82709.5	-4158.6
2468	10.3	81910.2	-4145.7	2558	9.2	82331.8	-4109.3	2648	9.9	82719.8	-4154.3
2469	10.2	81910.7	-4154.6	2559	9.7	82332.2	-4157.1	2649	8.3	82721.8	-4136.6
2470	9.2	81919.7	-4126.9	2560	9.8	82332.3	-4115.0	2650	10.2	82729.3	-4139.2
2471	10.0	81925.2	-4127.6	2561	10.2	82333.8	-4139.4	2651	9.0	82734.3	-4152.3
2472	7.9	81926.2	-4137.8	2562	9.7	82334.3	-4105.1	2652	10.2	82737.3	-4118.8
2473	9.0	81931.2	-4115.1	2563	8.8	82335.3	-4115.6	2653	9.8	82741.8	-4107.0
2474	10.0	81935.2	-4101.2	2564	10.3	82337.8	-4133.2	2654	10.3	82743.3	-4153.1
2475	9.0	81941.2	-4117.1	2565	9.7	82343.3	-4156.1	2655	10.3	82744.3	-4118.4
2476	10.0	81943.0	-4130.5	2566	9.8	82344.8	-4150.4	2656	10.3	82747.8	-4119.2
2477	10.0	81944.5	-4132.0	2567	10.3	82344.8	-4143.2	2657	9.8	82750.3	-4139.3
2478	10.0	81947.5	-4133.4	2568	10.3	82345.3	-4121.7	2658	7.6	82750.8	-4124.5
2479	10.0	81955.0	-4123.2	2569	8.8	82348.8	-4125.2	2659	9.6	82753.8	-4128.0
2480	9.8	81955.5	-4122.0	2570	10.3	82349.8	-4128.1	2660	9.4	82755.8	-4104.5
2481	10.0	81956.0	-4155.1	2571	9.4	82349.8	-4159.4	2661	10.0	82756.3	-4105.9
2482	9.8	81956.5	-4138.1	2572	8.8	82351.3	-4149.1	2662	10.3	82759.3	-4133.3
2483	10.3	81957.8	-4133.3	2573	10.2	82359.8	-4122.8	2663	10.2	82759.8	-4127.9
2484	8.1	82000.0	-4107.2	2574	10.3	82359.8	-4146.7	2664	10.3	82805.8	-4145.1
2485	9.2	82003.0	-4145.0	2575	9.9	82400.3	-4116.3	2665	9.8	82808.8	-4106.8
2486	9.0	82006.0	-4149.5	2576	9.8	82400.3	-4103.3	2666	9.8	82810.8	-4105.5
2487	10.2	82008.8	-4143.4	2577	10.2	82403.3	-4137.1	2667	10.3	82813.8	-4133.2
2488	10.3	82010.8	-4126.9	2578	10.2	82409.8	-4148.5	2668	8.8	82821.3	-4127.2
2489	10.2	82023.0	-4155.6	2579	9.8	82410.8	-4101.5	2669	9.7	82824.0	-4158.2
2490	9.0	82026.0	-4100.5	2580	10.3	82412.9	-4101.5	2670	10.2	82824.3	-4132.9
2491	10.2	82027.5	-4120.6	2581	8.4	82421.8	-4107.1	2671	10.3	82827.3	-4117.2
2492	8.7	82030.0	-4137.9	2582	10.0	82429.5	-4159.1	2672	10.2	82832.3	-4137.1
2493	10.2	82033.5	-4139.8	2583	10.3	82429.8	-4147.1	2673	10.2	82836.3	-4142.7
2494	10.2	82034.0	-4105.0	2584	10.2	82429.8	-4126.1	2674	10.0	82837.8	-4116.1
2495	9.4	82035.5	-4112.2	2585	10.3	82431.8	-4144.5	2675	10.2	82840.8	-4121.1
2496	10.3	82040.0	-4112.8	2586	10.3	82434.8	-4148.1	2676	9.8	82847.3	-4129.7
2677	10.2	82849.3	-4152.1								
2678	10.3	82849.8	-4116.2								
2679	10.0	82850.3	-4151.0								
2680	8.2	82900.8	-4111.1								
2681	9.7	82903.8	-4150.8								
2682	9.7	82906.3	-4140.1								
2683	10.3	82909.8	-4117.2								
2684	10.2	82914.3	-4146.3								
2685	10.0	82917.3	-4139.3								
2686	10.2	82919.7	-4124.3								
2687	9.2	82921.8	-4142.1								
2688	9.8	82925.8	-4133.8								
2689	10.3	82929.8	-4118.2								
2690	9.9	82931.5	-4158.2								
2691	10.3	82935.8	-4120.1								
2692	8.2	82936.3	-4115.0								
2693	10.3	82937.8	-4116.9								
2694	10.3	82938.3	-4128.3								
2695	9.4	82939.8	-4124.1								
2696	9.7	82944.8	-4113.4								
2697	9.9	82945.8	-4143.3								
2698	8.3	82947.3	-4140.3								
2699	9.8	82950.8	-4114.9								
2700	9.8	82957.8	-4106.9								
2701	10.3	82958.5	-4157.8								
2702	10.0	83000.8	-4146.2								
2703	10.2	83004.3	-4125.7								
2704	10.3	83004.8	-4108.9								
2705	10.0	83005.3	-4139.7								
2706	9.2	83010.3	-4135.2								
2707	9.8	83013.8	-4132.5								
2708	9.8	83019.3	-4102.6								
2709	10.3	83019.3	-4115.2								
2710	10.3	83020.3	-4108.0								
2711	9.7	83024.8	-4130.5								
2712	10.2	83028.3	-4114.2								
2713	9.2	83035.3	-4106.8								
2714	10.3	83035.8	-4125.8								
2715	10.0	83039.8	-4144.7								
2716	9.8	83051.8	-4109.4								
2717	9.8	83052.3	-4104.5								
2718	9.9	83053.8	-4102.2								
2719	10.0	83053.8	-4115.7								
2720	10.3	83056.8	-4131.8								
2721	10.3	83056.8	-4151.1								
2722	10.0	83059.8	-4134.3								
2723	8.8	83101.8	-4140.6								
2724	10.0	83103.8	-4107.8								
2725	10.2	83115.3	-4139.6								
2726	10.0	83117.3	-4126.5								
2727	9.6	83130.8	-4149.1								
2728	8.8	83131.8	-4106.9								
2729	9.6	83140.8	-4147.9								
2730	9.9	83141.8	-4143.0								
2731	10.0	83142.8	-4108.9								
2732	10.0	83142.8	-4138.3								
2733	10.3	83148.3	-4107.7								
2734	10.2	83149.8	-4135.9								
2735	9.2	83150.3	-4154.3								
2736	10.2	83204.3	-4152.1								
2737	10.3	83204.3	-4101.0								
2738	9.6	83209.3	-4137.9								
2739	10.3	83214.8	-4123.1								
2740	9.4	83216.3	-4143.9								
2741	9.2	83221.8	-4145.1								
2742	9.0	83222.3	-4133.6								
2743	10.0	83224.8	-4137.8								
2744	10.0	83229.8	-4116.0								
2745	10.3	83230.3	-4134.3								
2746	10.2	83230.3	-4106.9								
2747	10.2	83237.3	-4130.9								
2748	9.8	83237.3	-4134.1								
2749	10.3	83242.3	-4121.3								
2750	10.0	83243.3	-4106.9								
2751	9.4	83244.3	-4145.4								
2752	9.9	83246.8	-4135.7								
2753	10.3	83247.8	-4101.2								
2754	9.2	83248.3	-4109.0								
2755	9.4	83251.8	-4143.7								
2756	8.5	83253.8	-4104.5								
2757	9.6	83254.8	-4108.4								
2758	9.6	83259.8	-4108.7								
2759	8.6	83301.3	-4155.3								
2760	9.7	83308.8	-4116.9								
2761	9.7	83314.3	-4106.5								
2762	9.2	83318.3	-4109.3								
2763	9.8	83319.8	-4112.5								
2764	9.6	83320.8	-4125.0								
2765	9.7	83321.8	-4158.6								
2766	8.6	83321.8	-4153.1								

-41 2767 8h33m

-41 3126 8h49m

2767	8.8	83327.3	-4122.1	2857	10.2	83738.7	-4118.1	2947	9.8	84216.7	-4113.7
2768	10.3	83335.2	-4150.3	2858	9.7	83747.7	-4134.9	2948	9.8	84217.2	-4134.6
2769	9.7	83336.2	-4120.8	2859	10.0	83751.2	-4148.0	2949	9.2	84218.7	-4147.2
2770	10.2	83339.7	-4115.7	2860	9.2	83757.7	-4147.3	2950	9.7	84219.2	-4113.5
2771	9.0	83340.2	-4138.3	2861	10.2	83759.2	-4147.8	2951	9.6	84220.7	-4147.1
2772	10.3	83359.7	-4128.1	2862	9.8	83802.7	-4113.7	2952	9.3	84224.2	-4140.5
2773	10.2	83400.5	-4158.9	2863	9.8	83803.2	-4151.5	2953	9.3	84227.7	-4138.2
2774	9.8	83411.2	-4103.9	2864	9.7	83805.2	-4142.5	2954	10.0	84229.7	-4136.2
2775	9.6	83411.7	-4128.5	2865	9.4	83809.2	-4111.7	2955	9.2	84233.2	-4150.0
2776	8.4	83413.7	-4108.3	2866	10.3	83810.2	-4139.1	2956	8.9	84235.2	-4143.8
2777	10.0	83413.7	-4133.6	2867	9.2	83813.7	-4154.1	2957	9.2	84235.2	-4113.3
2778	9.7	83414.2	-4129.9	2868	9.4	83816.2	-4124.7	2958	10.0	84240.2	-4148.6
2779	10.0	83414.7	-4152.3	2869	9.6	83819.7	-4157.9	2959	8.9	84240.2	-4125.6
2780	10.3	83415.5	-4141.4	2870	9.6	83820.7	-4129.4	2960	9.6	84243.2	-4146.8
2781	10.3	83418.2	-4144.9	2871	10.3	83827.2	-4149.8	2961	8.6	84244.2	-4141.4
2782	10.0	83419.2	-4145.7	2872	10.2	83831.7	-4103.4	2962	8.6	84244.7	-4155.7
2783	10.3	83420.5	-4123.9	2873	8.7	83838.2	-4124.9	2963	9.8	84250.2	-4128.2
2784	9.2	83422.5	-4150.8	2874	9.6	83841.7	-4123.8	2964	10.2	84253.7	-4150.5
2785	10.2	83422.7	-4114.1	2875	9.8	83843.7	-4124.7	2965	9.8	84254.2	-4118.5
2786	10.2	83423.5	-4141.4	2876	10.3	83849.2	-4140.0	2966	10.2	84254.5	-4100.9
2787	9.8	83426.5	-4135.7	2877	10.2	83850.7	-4110.9	2967	9.7	84255.2	-4151.1
2788	9.8	83427.0	-4158.4	2878	10.0	83852.7	-4124.7	2968	10.4	84256.2	-4115.4
2789	9.4	83429.2	-4141.8	2879	9.2	83856.7	-4107.2	2969	7.5	84256.5	-4159.7
2790	10.2	83430.7	-4109.5	2880	9.0	83858.7	-4120.1	2970	10.4	84300.2	-4107.9
2791	10.2	83432.2	-4131.3	2881	8.9	83858.7	-4105.0	2971	9.7	84303.2	-4108.9
2792	9.6	83433.7	-4130.0	2882	9.9	83900.2	-4135.8	2972	7.5	84308.2	-4116.1
2793	10.3	83434.2	-4106.0	2883	9.2	83900.2	-4147.1	2973	9.8	84314.2	-4122.6
2794	10.2	83434.5	-4157.8	2884	9.8	83900.2	-4151.2	2974	10.4	84315.7	-4121.3
2795	9.6	83435.7	-4117.6	2885	9.4	83905.2	-4137.3	2975	7.3	84317.7	-4148.7
2796	9.2	83435.7	-4153.1	2886	8.5	83908.2	-4110.6	2976	10.4	84321.2	-4151.0
2797	9.9	83436.7	-4111.3	2887	9.6	83913.7	-4104.2	2977	9.7	84322.2	-4132.8
2798	9.2	83445.7	-4117.8	2888	10.0	83917.2	-4139.5	2978	9.7	84327.2	-4133.8
2799	9.6	83453.7	-4151.7	2889	10.2	83928.7	-4156.9	2979	10.4	84329.2	-4136.2
2800	10.3	83456.2	-4143.1	2890	9.2	83929.2	-4132.2	2980	10.2	84330.2	-4151.0
2801	10.3	83459.7	-4138.6	2891	9.4	83930.2	-4159.1	2981	10.4	84330.7	-4120.5
2802	10.2	83501.2	-4144.9	2892	9.2	83935.2	-4130.1	2982	10.4	84331.2	-4107.1
2803	10.3	83508.7	-4123.4	2893	10.2	83937.7	-4117.3	2983	10.1	84331.2	-4144.2
2804	9.6	83509.2	-4151.7	2894	8.6	83949.0	-4105.4	2984	10.4	84331.2	-4122.3
2805	10.3	83516.7	-4116.3	2895	8.8	83949.2	-4128.5	2985	8.7	84334.2	-4149.6
2806	10.3	83518.7	-4128.9	2896	10.2	83951.9	-4107.9	2986	10.4	84336.2	-4120.2
2807	9.2	83520.7	-4140.1	2897	10.3	83954.2	-4117.9	2987	10.4	84339.7	-4144.5
2808	10.3	83520.7	-4123.9	2898	10.2	83954.7	-4159.9	2988	10.4	84340.2	-4103.4
2809	9.0	83520.7	-4132.2	2899	10.2	83959.0	-4116.7	2989	8.8	84341.2	-4124.9
2810	10.3	83523.2	-4138.2	2900	9.1	83959.2	-4132.7	2990	10.2	84348.7	-4107.0
2811	9.6	83525.7	-4102.9	2901	8.4	84001.2	-4116.1	2991	10.4	84349.2	-4131.6
2812	10.2	83530.2	-4150.5	2902	8.6	84002.4	-4158.8	2992	10.4	84352.7	-4135.4
2813	9.8	83532.7	-4102.0	2903	9.8	84002.6	-4143.0	2993	10.4	84355.2	-4147.0
2814	9.2	83534.7	-4129.5	2904	8.4	84004.1	-4151.1	2994	8.9	84356.7	-4133.6
2815	9.6	83540.5	-4154.3	2905	10.3	84007.6	-4145.3	2995	10.0	84359.2	-4115.2
2816	10.0	83543.0	-4137.4	2906	10.2	84008.4	-4115.9	2996	9.7	84359.2	-4110.3
2817	9.2	83548.0	-4117.4	2907	9.0	84009.1	-4130.3	2997	10.4	84359.2	-4150.1
2818	9.2	83548.0	-4140.0	2908	9.7	84010.9	-4116.9	2998	10.4	84359.2	-4125.0
2819	10.0	83550.5	-4151.1	2909	9.6	84013.1	-4135.6	2999	7.4	84400.2	-4156.3
2820	8.2	83553.5	-4154.6	2910	9.4	84016.7	-4117.1	3000	10.4	84401.7	-4125.4
2821	7.6	83554.5	-4156.8	2911	10.0	84018.4	-4118.8	3001	10.4	84406.7	-4126.0
2822	10.3	83558.0	-4155.2	2912	9.6	84023.6	-4158.0	3002	9.8	84407.2	-4117.8
2823	9.8	83558.5	-4134.2	2913	9.0	84024.7	-4151.8	3003	10.1	84410.2	-4118.9
2824	9.8	83559.5	-4132.8	2914	9.9	84024.7	-4144.5	3004	10.4	84413.2	-4120.1
2825	10.3	83600.5	-4109.6	2915	10.3	84026.1	-4110.6	3005	10.1	84413.2	-4116.2
2826	10.3	83601.5	-4113.7	2916	10.0	84028.5	-4157.7	3006	10.4	84417.2	-4136.6
2827	9.6	83604.5	-4103.2	2917	8.1	84029.2	-4103.7	3007	10.4	84419.2	-4108.9
2828	10.3	83609.5	-4121.8	2918	9.6	84036.2	-4106.1	3008	8.9	84419.2	-4138.6
2829	9.9	83611.0	-4122.2	2919	9.8	84038.2	-4124.1	3009	9.6	84419.2	-4142.4
2830	9.2	83611.5	-4141.6	2920	10.4	84040.7	-4103.7	3010	9.2	84429.2	-4148.2
2831	10.2	83613.5	-4105.2	2921	8.2	84041.2	-4125.4	3011	10.1	84430.2	-4131.8
2832	8.6	83614.5	-4153.8	2922	9.6	84041.7	-4151.3	3012	10.0	84431.2	-4123.8
2833	10.0	83614.5	-4156.3	2923	9.7	84044.7	-4108.4	3013	9.8	84431.7	-4127.5
2834	9.6	83619.0	-4109.2	2924	10.0	84046.7	-4133.1	3014	10.0	84433.7	-4126.8
2835	9.0	83624.5	-4155.2	2925	9.8	84048.2	-4111.6	3015	9.8	84437.2	-4131.5
2836	9.6	83629.5	-4135.8	2926	10.4	84052.3	-4117.9	3016	9.6	84440.0	-4158.1
2837	9.8	83633.5	-4115.2	2927	9.8	84101.5	-4100.8	3017	9.2	84443.2	-4138.7
2838	10.0	83635.5	-4131.2	2928	8.8	84102.7	-4102.7	3018	10.4	84443.2	-4146.0
2839	10.3	83638.5	-4105.2	2929	10.1	84106.2	-4145.4	3019	8.6	84443.7	-4152.2
2840	10.3	83640.5	-4131.8	2930	9.8	84108.2	-4146.9	3020	9.6	84447.7	-4114.1
2841	9.2	83640.5	-4133.6	2931	10.2	84109.2	-4104.2	3021	8.5	84457.7	-4106.0
2842	10.3	83641.0	-4136.2	2932	9.8	84110.2	-4135.8	3022	10.2	84459.7	-4117.1
2843	10.3	83649.5	-4107.0	2933	10.0	84111.0	-4159.2	3023	9.8	84501.2	-4113.8
2844	9.6	83654.5	-4148.2	2934	9.2	84111.0	-4157.9	3024	8.4	84506.7	-4117.2
2845	10.2	83659.5	-4141.7	2935	10.2	84113.2	-4118.1	3025	8.9	84509.2	-4123.6
2846	9.7	83709.2	-4101.5	2936	9.8	84117.2	-4148.8	3026	9.8	84510.0	-4158.9
2847	10.2	83710.0	-4109.8	2937	9.7	84124.2	-4156.5	3027	7.8	84514.2	-4116.7
2848	9.2	83710.0	-4102.1	2938	8.2	84124.2	-4152.8	3028	9.8	84519.7	-4124.2
2849	9.7	83716.5	-4118.9	2939	10.4	84125.5	-4159.0	3029	10.4	84524.2	-4111.0
2850	10.0	83718.2	-4100.4	2940	9.2	84132.7	-4144.1	3030	10.0	84524.2	-4125.7
2851	9.2	83722.0	-4144.8	2941	10.4	84139.2	-4136.8	3031	10.4	84530.2	-4129.0
2852	10.2	83727.3	-4139.0	2942	8.0	84143.7	-4134.6	3032	7.6	84532.7	-4138.4
2853	8.4	83729.5	-4158.2	2943	10.1	84144.7	-4108.2	3033	10.4	84539.2	-4101.7
2854	9.8	83730.0	-4130.6	2944	10.4	84154.7	-4126.7	3034	10.4	84540.2	-4155.9
2855	8.6	83730.5	-4122.9	2945	9.8	84200.7	-4147.4	3035	10.0	84544.2	-4143.5
2856	9.4	83735.5	-4107.5	2946	10.0	84211.7	-4146.0	3036	9.0	84544.7	-4144.0

3127	10.4	84959.9 -4132.2	3217	9.6	85557.6 -4159.2	3307	9.4	90018.8 -4147.1	3397	10.2	90543.5 -4107.9
3128	9.3	85000.4 -4134.4	3218	10.4	85604.9 -4120.3	3308	10.4	90021.8 -4114.3	3398	10.4	90543.5 -4117.2
3129	10.4	85007.4 -4138.4	3219	10.4	85607.9 -4124.8	3309	10.2	90032.8 -4123.4	3399	10.4	90544.5 -4117.0
3130	9.7	85014.7 -4101.0	3220	9.8	85609.4 -4118.1	3310	9.8	90039.3 -4142.6	3400	9.8	90548.2 -4101.7
3131	9.6	85019.4 -4110.7	3221	10.4	85609.4 -4132.1	3311	8.0	90044.3 -4140.1	3401	10.4	90550.0 -4144.6
3132	9.8	85028.9 -4114.8	3222	10.0	85618.4 -4122.4	3312	8.8	90047.3 -4137.1	3402	8.9	90550.0 -4138.6
3133	9.7	85040.4 -4158.2	3223	10.4	85618.9 -4141.1	3313	10.2	90047.8 -4110.1	3403	10.4	90551.0 -4120.6
3134	9.4	85044.4 -4120.1	3224	10.0	85621.4 -4128.2	3314	10.4	90049.3 -4107.1	3404	8.7	90553.0 -4150.8
3135	9.8	85047.4 -4150.6	3225	10.4	85626.4 -4145.1	3315	10.0	90050.3 -4139.7	3405	8.4	90555.0 -4103.0
3136	10.4	85048.9 -4147.5	3226	8.5	85629.4 -4151.6	3316	10.1	90050.8 -4142.2	3406	10.0	90559.0 -4143.0
3137	9.1	85050.4 -4147.8	3227	9.7	85629.4 -4116.2	3317	10.4	90050.8 -4112.2	3407	10.4	90600.0 -4145.3
3138	9.3	85050.4 -4106.7	3228	10.0	85630.9 -4134.3	3318	10.1	90052.3 -4125.2	3408	10.0	90601.0 -4152.5
3139	9.2	85054.4 -4147.0	3229	9.6	85632.9 -4115.9	3319	9.8	90053.3 -4116.3	3409	10.4	90605.0 -4145.4
3140	10.0	85055.9 -4109.9	3230	10.4	85636.1 -4157.8	3320	9.6	90054.8 -4142.9	3410	10.4	90607.3 -4128.5
3141	10.0	85101.4 -4146.5	3231	9.8	85641.4 -4140.7	3321	9.7	90058.3 -4137.8	3411	9.3	90609.0 -4158.0
3142	9.6	85102.9 -4109.6	3232	5.7	85641.9 -4122.3	3322	10.0	90100.3 -4118.3	3412	9.2	90610.0 -4128.2
3143	9.8	85105.4 -4118.0	3233	10.0	85642.9 -4126.4	3323	10.4	90109.3 -4129.0	3413	9.4	90618.7 -4132.2
3144	10.4	85109.4 -4109.4	3234	10.4	85649.6 -4100.3	3324	10.0	90109.3 -4140.2	3414	10.4	90619.0 -4127.5
3145	10.0	85110.4 -4134.8	3235	10.0	85651.4 -4112.8	3325	10.4	90110.3 -4137.0	3415	10.4	90620.5 -4146.0
3146	9.7	85112.6 -4159.4	3236	9.3	85653.4 -4125.3	3326	10.4	90110.8 -4149.1	3416	9.7	90623.0 -4104.5
3147	10.4	85112.9 -4112.5	3237	9.8	85654.4 -4103.4	3327	10.4	90114.8 -4121.9	3417	9.8	90624.0 -4105.9
3148	9.8	85113.4 -4107.7	3238	9.7	85654.9 -4122.9	3328	9.8	90115.8 -4106.0	3418	9.6	90641.4 -4125.0
3149	10.4	85114.4 -4138.2	3239	9.7	85654.9 -4131.2	3329	9.6	90117.3 -4136.2	3419	9.2	90642.5 -4120.6
3150	9.7	85118.4 -4100.9	3240	9.3	85655.4 -4113.8	3330	9.6	90119.3 -4133.3	3420	10.4	90642.5 -4109.1
3151	10.4	85123.9 -4154.1	3241	9.8	85702.9 -4119.3	3331	9.6	90119.3 -4136.3	3421	10.4	90647.4 -4109.7
3152	10.4	85124.4 -4122.7	3242	10.4	85704.4 -4114.6	3332	10.4	90128.3 -4142.7	3422	7.5	90648.4 -4105.6
3153	10.0	85129.4 -4138.2	3243	10.2	85704.4 -4154.2	3333	10.0	90131.3 -4152.1	3423	10.1	90659.5 -4122.8
3154	10.1	85130.4 -4153.8	3244	9.8	85704.4 -4150.8	3334	10.4	90131.8 -4150.4	3424	9.6	90701.0 -4136.2
3155	10.4	85139.1 -4159.1	3245	10.1	85704.4 -4148.3	3335	9.7	90135.3 -4123.3	3425	9.4	90702.3 -4135.6
3156	10.4	85139.4 -4118.3	3246	10.4	85704.6 -4159.8	3336	9.2	90140.8 -4140.0	3426	9.8	90702.3 -4114.4
3157	8.9	85140.4 -4140.7	3247	10.4	85709.4 -4122.0	3337	8.8	90143.8 -4127.3	3427	10.0	90709.5 -4147.3
3158	10.4	85141.9 -4142.5	3248	9.8	85714.4 -4119.9	3338	10.0	90145.3 -4142.3	3428	10.4	90711.8 -4138.0
3159	10.0	85144.4 -4102.6	3249	8.9	85718.4 -4129.9	3339	9.6	90149.8 -4120.2	3429	10.5	90717.5 -4145.7
3160	9.8	85154.4 -4117.3	3250	9.7	85720.4 -4123.0	3340	8.9	90150.8 -4130.2	3430	10.2	90719.0 -4124.7
3161	9.8	85202.9 -4155.3	3251	10.4	85727.4 -4106.9	3341	10.4	90152.3 -4158.0	3431	9.8	90719.0 -4123.2
3162	8.5	85211.9 -4146.7	3252	10.0	85727.4 -4106.2	3342	10.0	90158.8 -4116.1	3432	9.9	90722.7 -4115.0
3163	8.5	85221.4 -4140.3	3253	9.8	85728.4 -4119.6	3343	9.3	90204.3 -4106.3	3433	9.4	90724.5 -4149.2
3164	10.2	85225.4 -4159.8	3254	9.7	85735.4 -4113.2	3344	9.8	90204.3 -4149.1	3434	10.0	90728.0 -4127.7
3165	10.1	85237.4 -4133.0	3255	10.4	85739.4 -4110.8	3345	9.8	90205.3 -4145.8	3435	10.5	90729.0 -4109.6
3166	10.2	85237.4 -4125.9	3256	9.3	85742.4 -4128.1	3346	10.1	90208.3 -4104.2	3436	9.9	90729.5 -4135.0
3167	10.4	85241.4 -4127.0	3257	9.2	85742.4 -4156.0	3347	10.2	90214.3 -4133.9	3437	10.0	90730.0 -4143.5
3168	10.4	85243.4 -4153.3	3258	9.3	85745.4 -4154.5	3348	10.4	90221.3 -4143.2	3438	9.4	90731.0 -4120.0
3169	10.4	85244.4 -4133.3	3259	10.4	85748.4 -4138.9	3349	10.0	90223.3 -4143.7	3439	10.5	90745.0 -4139.6
3170	10.4	85248.3 -4150.7	3260	10.4	85751.4 -4146.6	3350	10.0	90228.5 -4138.9	3440	9.8	90754.0 -4131.2
3171	10.4	85251.9 -4131.8	3261	9.6	85752.9 -4155.7	3351	10.4	90244.0 -4103.9	3441	9.0	90754.9 -4101.0
3172	10.2	85253.4 -4136.6	3262	9.7	85800.9 -4105.8	3352	10.4	90249.0 -4120.9	3442	10.0	90755.7 -4157.9
3173	9.2	85304.9 -4148.2	3263	10.0	85802.9 -4130.8	3353	10.1	90249.0 -4127.6	3443	10.2	90758.7 -4158.0
3174	9.7	85305.9 -4121.3	3264	10.1	85811.1 -4101.5	3354	10.4	90251.5 -4154.6	3444	10.0	90803.4 -4100.3
3175	9.7	85305.9 -4151.4	3265	10.0	85815.4 -4108.5	3355	9.7	90254.0 -4142.7	3445	10.4	90804.0 -4135.0
3176	10.0	85320.9 -4143.3	3266	10.4	85817.8 -4158.1	3356	9.6	90258.0 -4106.7	3446	10.2	90805.5 -4142.4
3177	10.4	85329.4 -4150.1	3267	10.0	85821.4 -4146.1	3357	10.4	90300.9 -4113.9	3447	10.5	90809.0 -4106.3
3178	10.4	85330.4 -4136.3	3268	10.0	85824.4 -4118.3	3358	8.9	90305.0 -4125.9	3448	9.9	90815.0 -4151.1
3179	9.6	85333.4 -4111.0	3269	10.4	85825.4 -4108.8	3359	9.6	90307.0 -4111.1	3449	9.2	90830.0 -4130.1
3180	9.2	85340.4 -4145.7	3270	9.2	85829.9 -4133.1	3360	9.7	90307.5 -4119.2	3450	9.9	90831.0 -4115.4
3181	9.7	85344.9 -4149.0	3271	9.4	85830.4 -4130.1	3361	10.4	90313.0 -4120.5	3451	9.0	90832.5 -4137.8
3182	9.2	85349.4 -4124.1	3272	9.1	85831.4 -4119.3	3362	10.4	90313.0 -4140.3	3452	7.4	90837.0 -4145.6
3183	9.2	85351.9 -4155.4	3273	8.5	85834.4 -4132.9	3363	10.2	90323.5 -4155.3	3453	9.8	90837.0 -4152.1
3184	10.0	85400.4 -4125.3	3274	10.4	85838.4 -4121.5	3364	10.4	90323.5 -4136.1	3454	9.4	90849.0 -4121.3
3185	9.7	85400.8 -4101.8	3275	10.4	85839.4 -4121.1	3365	9.8	90324.5 -4148.4	3455	10.2	90853.0 -4144.8
3186	10.4	85406.9 -4119.9	3276	9.8	85844.6 -4100.7	3366	10.1	90339.0 -4123.1	3456	10.0	90854.0 -4109.0
3187	10.0	85409.4 -4140.9	3277	10.0	85849.4 -4107.7	3367	10.0	90343.0 -4155.7	3457	10.5	90858.0 -4104.9
3188	10.2	85414.4 -4145.3	3278	10.4	85849.5 -4158.0	3368	10.0	90355.0 -4112.7	3458	10.5	90859.5 -4154.1
3189	9.7	85420.4 -4138.5	3279	10.1	85851.4 -4115.2	3369	9.2	90412.5 -4109.9	3459	7.8	90903.5 -4147.5
3190	9.6	85422.4 -4119.3	3280	10.4	85851.4 -4153.9	3370	10.2	90419.0 -4103.1	3460	10.5	90909.0 -4149.5
3191	10.4	85423.4 -4137.9	3281	9.7	85855.4 -4131.3	3371	10.4	90423.0 -4121.4	3461	8.4	90913.0 -4132.8
3192	9.8	85423.9 -4130.0	3282	8.4	85855.4 -4146.4	3372	10.4	90427.5 -4103.9	3462	10.0	90913.0 -4109.8
3193	9.3	85423.9 -4123.7	3283	10.4	85907.9 -4126.6	3373	9.4	90429.0 -4101.9	3463	9.8	90918.0 -4135.0
3194	10.4	85434.4 -4104.1	3284	10.4	85909.4 -4108.5	3374	10.0	90429.0 -4107.9	3464	10.4	90919.0 -4157.7
3195	9.8	85439.4 -4140.3	3285	8.2	85910.4 -4103.6	3375	10.4	90429.0 -4138.1	3465	10.5	90920.0 -4126.9
3196	9.8	85444.4 -4140.7	3286	10.4	85914.4 -4113.1	3376	9.8	90439.0 -4123.3	3466	9.4	90921.0 -4157.4
3197	9.7	85444.4 -4132.4	3287	10.4	85915.4 -4151.4	3377	10.0	90444.0 -4131.3	3467	10.4	90922.0 -4151.1
3198	10.4	85446.4 -4122.2	3288	9.8	85926.9 -4148.4	3378	10.4	90445.5 -4156.9	3468	10.4	90923.0 -4132.9
3199	10.4	85447.4 -4124.3	3289	10.4	85931.4 -4145.5	3379	10.0	90447.0 -4117.8	3469	9.3	90925.0 -4111.3
3200	9.6	85449.4 -4154.6	3290	10.2	85932.9 -4117.3	3380	10.0	90448.0 -4129.0	3470	8.2	90926.0 -4157.2
3201	10.2	85451.4 -4109.8	3291	9.8	85934.4 -4156.0	3381	9.6	90458.0 -4159.1	3471	9.0	90926.5 -4135.5
3202	9.7	85454.1 -4158.8	3292	9.3	85934.6 -4157.1	3382	9.2	90458.0 -4105.7	3472	9.4	90935.0 -4155.0
3203	9.8	85454.4 -4146.9	3293	10.2	85937.4 -4147.2	3383	10.0	90459.0 -4136.7	3473	8.2	90938.0 -4142.3
3204	9.2	85459.4 -4144.9	3294	8.6	85943.4 -4138.4	3384	10.0	90459.6 -4123.7	3474	9.4	90939.5 -4139.1
3205	10.2	85503.4 -4128.2	3295	10.4	85943.9 -4109.6	3385	10.0	90501.0 -4128.4	3475	10.4	90940.0 -4135.4
3206	9.3	85505.4 -4157.3	3296	9.8	85946.4 -4123.2	3386	9.8	90511.0 -4148.6	3476	10.0	90943.0 -4120.1
3207	10.4	85515.4 -4134.7	3297	10.0	85948.4 -4133.2	3387	10.4	90513.5 -4152.9	3477	10.4	90949.0 -4107.0
3208	9.8	85519.4 -4117.9	3298	9.8	85948.9 -4140.3	3388	10.4	90513.5 -4142.7	3478	7.5	90949.0 -4122.4
3209	9.8	85521.9 -4117.9	3299	9.4	85950.4 -4130.1	3389	10.4	90514.0 -4134.9	3479	10.4	90953.5 -4115.6
3210	8.9	85524.4 -4154.7	3300	10.4	85952.9 -4154.1	3390	9.6	90519.0 -4113.5	3480	10.4	90958.0 -4149.1
3211	10.2	85526.5 -4101.7	3301	10.4	85957.9 -4122.4	3391	9.8	90521.0 -4143.7	3481	9.6	90959.0 -4105.1
3212	10.1	85529.4 -4127.6	3302	9.3	90000.6 -4100.1	3392	9.6	90530.0 -4126.4	3482	10.5	91007.5 -4130.0
3213	10.4	85531.9 -4115.2	3303	10.1	90004.4 -4119.2	3393	10.0	90534.0 -4129.0	3483	10.2	91008.0 -4121.2
3214	9.2	85532.9 -4113.1	3304	10.2	90004.4 -4150.1	3394	9.7	90537.0 -4151.8	3484	10.2	91009.5 -4131.8
3215	10.0	85534.4 -4117.7	3305	10.4	90007.8 -4150.4	3395	10.0	90538.5 -4159.0	3485	10.0	91012.5 -4111.0
3216	9.8	85553.4 -4108.0	3306	8.8	90010.8 -4154.4	3396	9.6	90538.5 -4130.0	3486	10.4	91014.0 -4135.0

3487	9.8	91020.0	-4143.8	3577	10.4	91520.5	-4157.7	3667	10.4	91925.3	-4154.1
3488	9.7	91021.0	-4117.9	3578	10.5	91532.3	-4151.4	3668	10.2	91928.3	-4106.0
3489	10.5	91029.0	-4146.3	3579	10.5	91534.3	-4116.7	3669	10.5	91931.3	-4104.7
3490	9.8	91030.4	-4102.2	3580	10.5	91540.3	-4127.6	3670	10.0	91933.9	-4157.9
3491	10.4	91032.0	-4114.3	3581	10.5	91543.3	-4104.1	3671	10.0	91941.3	-4124.8
3492	10.2	91034.0	-4105.2	3582	9.8	91543.8	-4116.2	3672	10.5	91943.3	-4155.1
3493	10.5	91034.0	-4115.0	3583	9.0	91544.3	-4150.9	3673	10.5	91944.8	-4125.9
3494	10.5	91048.0	-4148.3	3584	10.4	91546.3	-4121.6	3674	9.4	91948.3	-4133.1
3495	10.0	91056.5	-4138.5	3585	10.5	91549.0	-4157.0	3675	10.4	91949.3	-4147.7
3496	10.4	91101.0	-4143.1	3586	9.2	91554.8	-4138.9	3676	10.0	91955.3	-4120.3
3497	10.5	91102.5	-4109.0	3587	10.4	91558.8	-4120.8	3677	10.2	91956.3	-4133.0
3498	9.4	91104.0	-4131.3	3588	10.4	91559.3	-4126.0	3678	9.9	92004.3	-4152.2
3499	10.5	91116.0	-4139.1	3589	10.2	91600.8	-4108.9	3679	10.0	92007.8	-4110.8
3500	10.5	91124.0	-4120.3	3590	10.2	91601.3	-4115.3	3680	10.4	92014.3	-4143.7
3501	9.3	91126.0	-4152.1	3591	10.5	91602.8	-4114.2	3681	8.5	92019.3	-4142.8
3502	10.4	91139.5	-4155.8	3592	9.4	91603.3	-4130.6	3682	10.5	92019.3	-4146.9
3503	10.5	91143.0	-4105.0	3593	9.6	91607.8	-4101.5	3683	10.2	92020.8	-4149.2
3504	9.8	91148.5	-4133.1	3594	10.4	91610.8	-4108.0	3684	10.4	92020.8	-4122.6
3505	10.4	91150.0	-4123.9	3595	10.2	91612.3	-4146.1	3685	9.4	92021.3	-4123.1
3506	9.0	91151.5	-4145.1	3596	10.5	91618.3	-4116.8	3686	9.2	92024.8	-4158.4
3507	9.2	91154.0	-4119.7	3597	10.4	91622.3	-4154.2	3687	9.8	92027.8	-4149.8
3508	9.4	91157.5	-4113.4	3598	8.6	91624.3	-4142.6	3688	10.5	92035.3	-4142.8
3509	9.4	91200.0	-4137.0	3599	9.0	91626.8	-4120.4	3689	10.5	92040.3	-4109.1
3510	9.8	91207.0	-4139.6	3600	9.8	91631.8	-4111.6	3690	10.5	92043.3	-4133.3
3511	9.6	91207.6	-4158.0	3601	10.2	91638.8	-4109.6	3691	9.9	92044.3	-4109.8
3512	8.6	91209.0	-4125.9	3602	9.9	91644.3	-4112.6	3692	9.8	92049.3	-4113.7
3513	9.4	91210.5	-4137.1	3603	10.5	91646.3	-4146.4	3693	10.0	92050.3	-4101.9
3514	10.4	91219.8	-4139.2	3604	10.5	91648.3	-4152.0	3694	9.8	92058.8	-4125.0
3515	10.0	91224.0	-4155.4	3605	9.9	91655.3	-4109.9	3695	9.5	92100.8	-4133.4
3516	9.2	91227.0	-4154.5	3606	9.3	91655.8	-4112.8	3696	10.0	92104.3	-4129.0
3517	9.9	91227.0	-4114.0	3607	10.5	91659.3	-4142.7	3697	10.5	92109.8	-4111.5
3518	10.2	91227.0	-4154.0	3608	9.8	91700.3	-4122.4	3698	10.2	92112.8	-4131.2
3519	10.4	91237.5	-4144.3	3609	10.4	91700.3	-4124.7	3699	9.8	92129.3	-4116.2
3520	9.3	91240.0	-4140.5	3610	10.5	91702.3	-4124.7	3700	9.3	92129.3	-4144.9
3521	10.4	91241.5	-4150.3	3611	7.5	91703.3	-4139.7	3701	10.0	92130.3	-4155.8
3522	9.0	91243.0	-4117.3	3612	10.4	91709.8	-4149.3	3702	7.3	92134.8	-4142.6
3523	9.8	91244.5	-4131.9	3613	9.5	91709.8	-4130.7	3703	10.2	92134.8	-4139.2
3524	10.4	91245.0	-4155.1	3614	10.2	91711.3	-4138.5	3704	10.0	92135.8	-4150.6
3525	9.8	91250.0	-4124.6	3615	9.9	91712.8	-4124.0	3705	10.5	92136.3	-4111.0
3526	9.8	91250.5	-4151.0	3616	9.9	91714.0	-4157.3	3706	9.4	92141.3	-4125.9
3527	9.3	91254.0	-4114.3	3617	10.4	91714.8	-4122.8	3707	10.0	92145.3	-4127.2
3528	10.2	91300.0	-4150.8	3618	10.4	91717.3	-4157.3	3708	10.0	92149.2	-4125.4
3529	10.4	91308.0	-4118.0	3619	10.2	91719.3	-4139.5	3709	10.5	92152.2	-4132.0
3530	10.2	91314.0	-4137.5	3620	9.6	91719.3	-4130.2	3710	10.4	92153.8	-4147.4
3531	9.8	91318.0	-4155.3	3621	10.0	91719.3	-4150.9	3711	10.5	92203.3	-4135.4
3532	10.2	91319.0	-4123.1	3622	9.9	91723.3	-4139.5	3712	10.4	92208.3	-4159.8
3533	10.4	91324.8	-4157.1	3623	10.0	91723.3	-4113.3	3713	10.0	92210.0	-4133.4
3534	10.5	91328.0	-4152.8	3624	10.4	91728.3	-4143.1	3714	10.2	92212.0	-4109.0
3535	10.0	91329.0	-4146.7	3625	9.2	91731.3	-4115.1	3715	9.4	92215.5	-4138.6
3536	10.4	91330.3	-4102.2	3626	9.4	91731.8	-4144.8	3716	10.2	92219.0	-4146.4
3537	10.2	91331.5	-4149.1	3627	10.5	91732.8	-4111.7	3717	10.4	92219.5	-4125.8
3538	10.5	91337.5	-4129.4	3628	9.8	91735.3	-4126.6	3718	9.9	92221.5	-4112.4
3539	9.8	91339.0	-4146.6	3629	9.8	91739.3	-4142.2	3719	10.4	92225.5	-4145.4
3540	10.5	91339.3	-4159.1	3630	10.5	91739.3	-4118.6	3720	10.5	92226.0	-4143.0
3541	10.5	91350.0	-4132.7	3631	10.0	91740.3	-4109.5	3721	10.5	92228.2	-4108.4
3542	10.2	91351.0	-4123.8	3632	10.2	91740.3	-4109.0	3722	10.5	92230.3	-4101.4
3543	10.5	91359.0	-4120.0	3633	9.6	91749.3	-4125.8	3723	9.0	92233.5	-4107.2
3544	10.4	91401.5	-4146.7	3634	10.0	91754.3	-4134.2	3724	10.4	92233.5	-4146.2
3545	9.8	91403.0	-4139.5	3635	10.4	91756.8	-4127.1	3725	10.0	92235.1	-4159.8
3546	10.5	91404.0	-4105.6	3636	10.0	91759.8	-4134.6	3726	10.2	92238.5	-4124.8
3547	9.6	91409.0	-4151.6	3637	10.4	91808.3	-4120.0	3727	10.2	92240.0	-4156.1
3548	10.0	91413.0	-4148.2	3638	9.7	91815.7	-4101.2	3728	9.9	92248.5	-4120.4
3549	10.4	91413.5	-4148.7	3639	9.4	91815.8	-4144.0	3729	9.8	92253.5	-4107.5
3550	10.5	91417.5	-4140.8	3640	10.4	91818.3	-4139.3	3730	9.2	92256.5	-4104.5
3551	10.2	91423.0	-4128.9	3641	9.8	91824.8	-4110.7	3731	10.4	92259.5	-4145.6
3552	10.4	91423.5	-4137.2	3642	10.4	91825.3	-4140.6	3732	10.0	92300.5	-4119.2
3553	10.4	91423.5	-4104.7	3643	9.4	91827.8	-4145.1	3733	9.4	92301.5	-4122.1
3554	9.9	91424.0	-4145.7	3644	10.5	91829.3	-4103.0	3734	10.5	92309.0	-4137.6
3555	9.9	91429.0	-4146.1	3645	10.2	91839.3	-4144.1	3735	9.8	92309.5	-4115.2
3556	9.6	91429.0	-4144.8	3646	10.4	91844.3	-4119.2	3736	10.4	92313.5	-4129.4
3557	10.4	91429.0	-4104.2	3647	10.5	91846.3	-4118.9	3737	10.5	92318.5	-4107.6
3558	9.6	91434.5	-4143.0	3648	8.5	91848.3	-4102.3	3738	10.0	92318.5	-4152.5
3559	9.8	91438.0	-4152.8	3649	9.8	91848.3	-4136.4	3739	9.4	92319.5	-4140.0
3560	9.0	91440.0	-4125.4	3650	10.5	91848.8	-4130.3	3740	10.5	92320.5	-4109.3
3561	8.8	91448.0	-4115.8	3651	8.6	91850.3	-4143.2	3741	9.8	92323.5	-4149.0
3562	10.5	91449.0	-4145.9	3652	9.9	91851.1	-4159.5	3742	10.0	92329.5	-4139.0
3563	9.8	91450.0	-4109.0	3653	10.0	91853.3	-4129.7	3743	9.8	92338.0	-4122.6
3564	10.0	91458.5	-4141.6	3654	10.5	91854.8	-4136.2	3744	10.5	92339.5	-4140.0
3565	10.5	91459.0	-4116.2	3655	10.4	91855.3	-4155.0	3745	10.2	92341.5	-4137.2
3566	9.9	91459.8	-4123.6	3656	10.5	91855.3	-4150.7	3746	9.7	92343.5	-4127.2
3567	10.4	91500.3	-4109.4	3657	10.5	91855.8	-4128.3	3747	10.2	92354.5	-4138.9
3568	10.0	91502.3	-4132.1	3658	10.0	91901.3	-4154.0	3748	10.4	92400.5	-4135.2
3569	10.4	91507.3	-4107.3	3659	10.5	91908.3	-4157.8	3749	10.5	92408.5	-4110.8
3570	10.0	91507.7	-4100.5	3660	10.5	91909.3	-4102.1	3750	9.8	92410.2	-4103.0
3571	10.2	91507.8	-4111.7	3661	10.0	91911.3	-4136.4	3751	9.8	92413.5	-4110.2
3572	10.2	91509.3	-4126.7	3662	9.8	91913.3	-4111.3	3752	10.5	92414.0	-4119.6
3573	10.0	91510.3	-4136.5	3663	9.4	91913.3	-4120.2	3753	10.4	92419.5	-4113.1
3574	8.8	91511.3	-4128.2	3664	10.2	91923.8	-4146.5	3754	10.5	92420.5	-4136.2
3575	9.0	91513.3	-4133.6	3665	10.5	91924.3	-4112.4	3755	10.5	92425.5	-4121.4
3576	9.8	91513.3	-4104.2	3666	9.8	91924.3	-4114.7	3756	9.0	92429.5	-4146.2
3577	10.4	91520.5	-4157.7	3667	10.4	91925.3	-4154.1	3757	10.2	92431.0	-4102.1
3578	10.5	91532.3	-4151.4	3668	10.2	91928.3	-4106.0	3758	10.4	92439.0	-4135.0
3579	10.5	91534.3	-4116.7	3669	10.5	91931.3	-4104.7	3759	10.0	92439.5	-4117.2
3580	10.5	91540.3	-4127.6	3670	10.0	91933.9	-4157.9	3760	10.5	92440.0	-4102.2
3581	10.5	91543.3	-4104.1	3671	10.0	91941.3	-4124.8	3761	8.2	92442.0	-4121.8
3582	9.8	91543.8	-4116.2	3672	10.5	91943.3	-4155.1	3762	10.0	92442.5	-4116.7
3583	9.0	91544.3	-4150.9	3673	10.5	91944.8	-4125.9	3763	10.2	92443.5	-4107.6
3584	10.4	91546.3	-4121.6	3674	9.4	91948.3	-4133.1	3764	10.0	92451.5	-4136.0
3585	10.5	91549.0	-4157.0	3675	10.4	91949.3	-4147.7	3765	10.5	92500.0	-4136.4
3586	9.2	91554.8	-4138.9	3676	10.0	91955.3	-4120.3	3766	9.4	92500.0	-4158.9
3587	10.4	91558.8	-4120.8	3677	10.2	91956.3	-4133.0	3767	10.5	92504.0	-4122.9
3588	10.4	91559.3	-4126.0	3678	9.9	92004.3	-4152.2	3768	10.5	92504.5	-4138.4
3589	10.2	91600.8	-4108.9	3679	10.0	92007.8	-4110.8	3769	10.5	92506.5	-4136.7
3590	10.2	91601.3	-4115.3	3680	10.4	92014.3	-4143.7	3770	9.8	92508.5	-4108.0
3591	10.5	91602.8	-4114.2	3681	8.5	92019.3	-4142.8	3771	10.5	92509.5	-4135.6
3592	9.4	91603.3	-4130.6	3682	10.5	92019.3	-4146.9	3772	9.9	92509.8	-4100.4
3593	9.6	91607.8	-4101.5	3683	10.2	92020.8	-4149.2	3773	10.5	92513.5	-4135.4
3594	10.4	91610.8	-4108.0	3684	10.4	92020.8	-4122.6	3774	10.4	92514.5	-4158.1
3595	10.2	91612.3	-4146.1	3685	9.4	92021.3	-4123.1	3775	10.0	92518.5	-4153.4
3596	10.5	91618.3	-4116.8	3686	9.2	92024.8	-4158.4	3776	10.5	92519.5	-4140.1
3597	10.4	91622.3	-4154.2	3687	9.8	92027.8	-4149.8	3777	10.4	92519.5	-4135.4
3598	8.6	91624.3	-4142.6	3688	10.5	92035.3	-4142.8	3778	10.2	92520.5	-4149.9
3599	9.0	91626.8	-4120.4	3689	10.5	92040.3	-4109.1	3779	9.4	92524.5	-4140.0
3600	9.8	91631.8	-4111.6	3690	10.5	92043.3	-4133.3	3780	10.4	92534.0	-4112.2
3601	10.2	91638.8	-4109.6	3691	9.9	92044.3	-4109.8	3781	8.6	92541.5	-4136.8
3602	9.9	91644.3	-4112.6	3692	9.8	92049.3	-4113.7	3782	10.5	92549.0	-4131.6
3603	10.5	91646.3	-4146.4	3693	10.0	92050.3	-4101.9	3783	9.9	92557.0	-4103.0
3604	10.5	91648.3	-4152.0	3694	9.8	92058.8	-4125.0	3784	10.2	92558.5	-4130.8
3605	9.9	91655.3	-4109.9	3695	9.5	92100.8	-4133.4	3785	9.9	92559.5	-4104.9
3606	9.3	91655.8	-4112.8	3696	10.0	92104.3	-4129.0	3786	10.0	92600.5	-4116.2
3607	10.5	91659.3	-4142.7	3697	10.5	92109.8	-4111.5	3787	10.4	92600.5	-4142.1
3608	9.8	91700.3	-4122.4	3698	10.2	92112.8	-4131.2	3788	9.4	92613.5	-4120.6
3609	10.4	91700.3	-4124.7	3699	9.8	92129.3	-4116.2	3789	10.5	92615.0	-4107.4
3610	10.5	91702.3	-4124.7	3700	9.3	92129.3	-4144.9	3790	10.4	92616.5	-4134.6
3611	7.5	91703.3	-4139.7	3701	10.0	92130.3	-4155.8	3791	9.5	92617.5	-4132.0
3612	10.4	91709.8	-4149.3	3702	7.3	92134.8	-4142.6	3792	10.4	92619.8	-4102.6
3613	9.5	91709.8	-4130.7	3703	10.2	92134.8	-4139.2	3793	10.2	92621.0	-4148.0
3614	10.2	91711.3	-4138.5	3704	10.0	92135.8	-4150.6	3794	10.0	92631.5	-4108.7
3615	9.9	91712.8	-4124.0	3705	10.5	92136.3	-4111.0	3795	8.4	92635.5	-4121.1
3616	9.9	91714.0	-4157.3	3706	9.4	92141.3	-4125.9	3796	10.0	92641.1	-4158.9
3617	10.4	91714.8	-4122.8	3707	10.0	92145.3	-4127.2	3797	10.5	92644.0	-4146.5
3618	10.4	91717.3	-4157.3	3708	10.0	92149.2	-4125.4	3798	10.5	92647.5	-4105.9
3619	10.2	91719.3	-4139.5	3709	10.5	92152.2	-4132.0	3799	10.0	92649.5	-4120.8
3620	9.6	91719.3	-4130.2	3710	10.4	92153.8	-4147.4	3800	9.4	92649.5	-4122.0
3621	10.0	91719.3	-4150.9	3711	10.5	92203.3	-4135.4	3801	9.0	92653.5	-4156.4
3622	9.9	91723.3	-4139.5	3712	10.4	92208.3	-4159.8	3802	10.5	92654.4	-4141.1
3623	10.0	91723.3	-4113.3	3713	10.0	92210.0	-4133.4	3803	9.8	92658.5	-4109.5
3624	10.4	91728.3	-4143.1	3714	10.2	92212.0	-4109.0	3804	10.2	92659.0	-4155.9
3625	9.2	91731.3	-4115.1	3715	9.4	92215.5	-4138.6	3805	9.7	92659.0	-4114.4
3626	9.4	91731.8	-4144.8	3716	10.2	92219.0	-4146.4	3806	10.5	92659.5	-4117.8
3627	10.5	91732.8	-4111.7	3717	10.4	92219.5	-4125.8	3807	10.5	92707.9	-4158.4
3628	9.8	91735.3	-4126.6	3718	9.9	92221.5	-4112.4	3808	9.8	92709.5	-4133.1
3629	9.8	91739.3	-4142.2	3719	10.4	92225.5	-4145.4	3809	10.0	92710.5	-4147.8
3630	10.5	91739.3	-4118.6	3720	10.5	92226.0	-4143.0	3810	10.2	92715.6	-4159.5
3631	10.0	91740.3	-4109.5	3721	10.5	92228.2	-4108.4	3811	9.9	92716.5	-4144.8
3632	10.2	91740.3	-4109.0	3722	10.5	92230.3	-4101.4	3812	10.4	92718.5	-4149.9
3633	9.6	91749.3	-4125.8	3723	9.0	92233.5	-4107.2	3813	9.8	92734.5	-4106.3
3634	10.0	91754.3	-4134.2	3724	10.4	92233.5	-4146.2	3814	10.2	92736.5	-4140.7
3635	10.4	91756.8	-4127.1	3725	10.0	92235.1	-4159.8	3815	8.8	92738.0	-4142.0
3636	10.0	91759.8	-4134.6	3726	10.2	92238.5	-4124.8	3816	10.4	92738.0	-4143.9
3637	10.4	91808.3	-4120.0	3727	10.2	92240.0	-4156.1	3817	9.8	92739.5	-4148.0
3638	9.7	91815.7	-4101.2	3728	9.9	92248.5	-4120.4	3818	10.5	92749.4	-4114.0
3639	9.4	91815.8	-4144.0	3729	9.8	92253.5	-4107.5	3819	9.3	92750.0	-4130.3
3640	10.4	91818.3	-4139.3	3730	9.2	92256.5	-4104.5	3820	9.0	92751.5	-4127.3
3641	9.8	91824.8	-4110.7	3731	10.4	92259.5	-4145.6	3821	10.0	92757.5	-4148.3
3642	10.4	91825.3	-4140.6	3732	10.0	92300.5	-4119.2	3822	9.7	92757.5	-4156.1
3643	9.4	91827.8	-4145.1	3733	9.4	92301.5	-4122.1	3823	10.0	92759.5	-4123.8
3644	10.5	91829.3	-4103.0	3734	10.5	92309.0	-4137.6	3824	9.9	92809.5	-4134.9
3645	10.2	91839.3	-4144.1	3735	9.8	92309.5	-4115.2	3825	10.2	92830.0	-4101.9
3646	10.4	91844.3	-4119.2	3736	10.4	92313.5	-4129.4	3826	9.9	92835.5	-4144.8
3647	10.5	91846.3	-4118.9	3737	10.5	92318.5	-4107.6	3827	9.0	92839.5	-4140.2
3648	8.5	91848.3	-4102.3	3738	10.0	92318.5	-4152.5	3828	9.3	92840.5	-4147.6
3649	9.8	91848.3	-4136.4	3739	9.4	92319.5	-4140.0	3829	10.5	92845.0	-4102.8
3650	10.5	91848.8	-4130.3	3740	10.5	92320.5	-4109.3	3830	10.4	92849.5	-4131.4
3651	8.6	91850.3	-4143.2	3741	9.8	92323.5	-4149.0	3831	10.4	92903.5	-4137.8
3652	9.9	91851.1	-4159.5	3742	10.0	92329.5	-4139.0	3832	9.9	92907.5	-4141.1
3653	10.0	91853.3	-4129.7	3743	9.8	92338.0	-4122.6	3833	10.4	92908.1	-4102.3
3654	10.5	91854.8	-4136.2	3744	10.5	92339.5	-4140.0	3834	9.9	92909.5	-4118.0
3655	10.4	91855.3	-4155.0	3745	10.2	92341.5	-4137.2	3835	10.5	92910.0	-4124.4
3656	10.5	91855.3	-4150.7	3746	9.7	92343.5	-4127.2	3836	10.2	92910.5	-4136.4
3657	10.5	91855.8	-4128.3	3747	10.2	92354.5	-4138.9	3837	10.5	92913.2	-4102.1
3658	10.0	91901.3	-4154.0	3748	10.4	92400.5	-4135.2	3838	10.2	92914.5	-4135.9
3659	10.5	91908.3	-4157.8	3749	10.5	92408.5	-4110.8	3839	10.4	92919.0	-4137.0
3660	10.5	91909.3	-4102.1	3750	9.8	92410.2	-4103.0	3840	9.4	92919.0	-4143.3
3661	10.0	91911.3	-4136.4	3751	9.8	92413.5	-4110.2	3841	9.0	92921.5	-4114.4
3662	9.8	91913.3	-4111.3	3752	10.5	92414.0	-4119.6	3842	10.5	92924.5	-4102.9
3663	9.4	91913.3	-4120.2	3753	10.4	92419.5	-4113.1	3843	10.5	92930.5	-4110.2
3664	10.2	91923.8	-4146.5	3754	10.5	92420.5	-4136.2	3844	10.4	92934.5	-4156.4
3665	10.5	91924.3	-4112.4	3755	10.5	92425.5	-4121.4	3845	10.4	92938.0	-4151.4
3666	9.8	91924.3	-4114.7	3756	9.0	92429.5	-4146.2	3846	9.9	92942.0	-4120.2

-41 3847 9h29m

-41 4206 9h54m

3847	10.5	92945.5	-4113.6	3937	10.3	93558.2	-4121.6	4027	9.8	94306.0	-4115.9
3848	10.0	92947.5	-4118.1	3938	10.2	93558.2	-4117.7	4028	10.2	94315.5	-4105.6
3849	10.5	92949.5	-4147.2	3939	10.3	93623.2	-4155.0	4029	10.2	94316.0	-4150.3
3850	9.3	92955.0	-4132.7	3940	10.0	93623.7	-4145.8	4030	9.2	94328.5	-4128.0
3851	9.3	92959.5	-4133.8	3941	10.3	93624.2	-4145.0	4031	9.6	94332.5	-4130.6
3852	10.4	93012.0	-4116.7	3942	9.0	93624.2	-4136.2	4032	9.4	94332.5	-4119.9
3853	10.0	93012.5	-4129.9	3943	8.0	93625.2	-4124.4	4033	9.2	94335.0	-4142.9
3854	9.9	93014.5	-4122.9	3944	8.4	93629.2	-4132.4	4034	9.7	94338.6	-4158.2
3855	10.5	93020.0	-4148.0	3945	9.2	93629.2	-4150.8	4035	9.4	94340.5	-4104.5
3856	9.8	93023.5	-4103.3	3946	10.2	93634.7	-4130.6	4036	9.8	94349.0	-4129.4
3857	10.5	93029.0	-4126.9	3947	9.8	93646.7	-4156.2	4037	9.8	94350.8	-4159.0
3858	10.5	93039.5	-4135.9	3948	9.9	93649.2	-4141.6	4038	10.2	94357.0	-4138.6
3859	10.5	93044.5	-4138.7	3949	7.8	93704.7	-4142.8	4039	9.8	94359.0	-4114.5
3860	10.2	93045.0	-4136.2	3950	10.3	93717.4	-4157.9	4040	10.2	94359.0	-4156.0
3861	10.5	93047.5	-4135.7	3951	9.5	93728.7	-4122.8	4041	9.2	94407.0	-4122.7
3862	10.5	93049.5	-4115.6	3952	9.9	93734.7	-4102.3	4042	10.2	94412.5	-4145.8
3863	9.4	93051.5	-4157.9	3953	9.8	93739.2	-4118.9	4043	9.2	94413.0	-4107.7
3864	10.2	93057.0	-4128.7	3954	9.4	93744.7	-4118.5	4044	8.9	94413.0	-4150.0
3865	10.4	93106.0	-4141.0	3955	10.0	93754.3	-4158.3	4045	9.9	94413.5	-4144.5
3866	10.4	93108.5	-4138.5	3956	9.6	93759.2	-4120.5	4046	9.9	94416.0	-4157.3
3867	9.7	93109.5	-4143.8	3957	8.6	93802.7	-4108.9	4047	9.8	94434.0	-4144.3
3868	10.0	93110.5	-4116.0	3958	9.4	93806.7	-4140.6	4048	9.4	94434.0	-4135.1
3869	10.5	93117.5	-4150.0	3959	9.4	93807.2	-4119.6	4049	8.4	94437.5	-4132.5
3870	9.2	93119.0	-4117.8	3960	9.7	93811.7	-4110.0	4050	9.8	94451.6	-4107.9
3871	10.2	93120.0	-4150.5	3961	10.2	93813.2	-4124.6	4051	10.3	94454.0	-4140.2
3872	9.0	93122.5	-4139.2	3962	9.6	93823.2	-4127.7	4052	9.7	94456.6	-4159.3
3873	10.0	93123.5	-4105.9	3963	9.6	93831.7	-4156.2	4053	10.3	94457.8	-4159.7
3874	10.0	93131.5	-4158.2	3964	9.7	93838.2	-4113.9	4054	9.1	94458.5	-4132.9
3875	9.0	93141.5	-4131.6	3965	10.3	93838.7	-4100.3	4055	9.7	94459.8	-4126.1
3876	10.0	93141.5	-4146.6	3966	9.4	93839.7	-4120.6	4056	10.2	94501.8	-4105.9
3877	10.5	93143.0	-4110.9	3967	9.4	93842.2	-4142.0	4057	9.8	94508.8	-4132.6
3878	10.2	93149.5	-4144.0	3968	10.0	93844.7	-4118.6	4058	9.2	94509.8	-4150.8
3879	10.2	93150.5	-4158.7	3969	10.0	93850.2	-4146.1	4059	10.2	94512.3	-4155.9
3880	9.4	93150.5	-4150.8	3970	10.3	93902.2	-4158.3	4060	9.1	94514.5	-4158.4
3881	10.4	93200.5	-4134.5	3971	10.0	93905.2	-4126.5	4061	8.3	94519.3	-4111.4
3882	10.0	93201.5	-4125.4	3972	9.6	93911.2	-4130.8	4062	10.0	94522.0	-4100.1
3883	10.2	93204.0	-4112.1	3973	9.5	93917.7	-4110.8	4063	9.2	94528.3	-4116.8
3884	9.6	93204.5	-4114.7	3974	9.4	93922.7	-4129.0	4064	10.3	94528.3	-4145.6
3885	9.4	93208.0	-4106.2	3975	10.2	93923.2	-4129.4	4065	10.2	94531.8	-4144.0
3886	10.5	93211.0	-4106.6	3976	10.3	93924.2	-4120.3	4066	9.8	94538.8	-4130.4
3887	10.5	93211.0	-4119.7	3977	9.8	93931.2	-4139.3	4067	10.3	94542.8	-4125.6
3888	9.3	93218.5	-4127.7	3978	10.2	93949.7	-4126.1	4068	10.3	94542.8	-4149.3
3889	9.9	93223.1	-4103.6	3979	9.2	93951.7	-4156.0	4069	9.7	94553.3	-4135.9
3890	9.9	93223.5	-4115.6	3980	9.0	93959.2	-4156.0	4070	10.3	94601.8	-4156.2
3891	9.2	93223.5	-4123.2	3981	10.2	94000.0	-4101.8	4071	9.8	94602.3	-4121.0
3892	10.0	93232.1	-4125.3	3982	9.0	94002.7	-4141.6	4072	10.2	94604.8	-4142.2
3893	10.4	93235.6	-4101.6	3983	9.9	94004.7	-4138.9	4073	10.3	94609.8	-4134.8
3894	10.4	93244.0	-4146.8	3984	9.5	94005.7	-4133.4	4074	9.2	94612.8	-4146.5
3895	9.4	93248.5	-4139.0	3985	9.9	94011.7	-4147.2	4075	10.3	94621.3	-4135.2
3896	10.5	93250.5	-4118.2	3986	9.8	94012.2	-4111.7	4076	9.7	94622.3	-4159.2
3897	10.2	93256.0	-4115.1	3987	10.2	94014.2	-4130.0	4077	9.7	94627.8	-4116.0
3898	10.0	93310.9	-4156.8	3988	9.8	94015.7	-4105.7	4078	10.3	94629.5	-4102.4
3899	9.9	93319.2	-4136.1	3989	10.2	94020.2	-4100.0	4079	8.9	94636.3	-4156.0
3900	10.3	93323.3	-4158.1	3990	9.8	94020.7	-4121.6	4080	9.4	94640.3	-4115.7
3901	10.3	93325.1	-4151.8	3991	9.4	94024.2	-4136.7	4081	9.0	94656.8	-4151.1
3902	9.8	93329.7	-4139.2	3992	10.2	94029.7	-4137.1	4082	10.3	94658.3	-4148.0
3903	9.9	93335.2	-4119.7	3993	10.3	94030.2	-4111.9	4083	10.3	94705.8	-4151.0
3904	9.8	93339.2	-4149.8	3994	10.3	94038.2	-4108.0	4084	9.7	94708.8	-4129.7
3905	10.3	93344.2	-4105.1	3995	9.8	94039.2	-4132.5	4085	10.2	94709.3	-4121.5
3906	10.0	93346.1	-4129.3	3996	7.6	94043.2	-4105.4	4086	9.8	94709.3	-4115.0
3907	9.2	93343.7	-4137.6	3997	10.0	94044.4	-4158.8	4087	9.9	94710.2	-4157.2
3908	10.3	93353.7	-4117.8	3998	10.3	94048.7	-4136.2	4088	10.2	94722.8	-4155.1
3909	10.2	93355.7	-4139.3	3999	9.4	94051.2	-4132.0	4089	10.2	94727.3	-4132.0
3910	9.6	93359.2	-4144.1	4000	10.2	94054.2	-4139.7	4090	9.8	94743.8	-4154.8
3911	10.0	93359.7	-4152.7	4001	10.0	94058.2	-4104.5	4091	10.3	94744.3	-4111.0
3912	10.0	93359.7	-4102.8	4002	9.0	94101.7	-4111.7	4092	10.0	94748.3	-4114.2
3913	9.6	93405.2	-4153.6	4003	10.3	94109.2	-4129.2	4093	10.3	94749.3	-4113.9
3914	8.9	93405.7	-4112.1	4004	10.3	94114.2	-4115.1	4094	9.8	94752.3	-4157.1
3915	9.7	93412.2	-4105.8	4005	9.4	94131.2	-4123.9	4095	10.3	94755.8	-4112.1
3916	9.8	93415.2	-4130.2	4006	9.4	94131.2	-4111.5	4096	10.2	94759.0	-4102.3
3917	9.5	93419.2	-4118.0	4007	9.0	94132.7	-4114.5	4097	10.3	94802.8	-4141.6
3918	8.9	93436.5	-4101.0	4008	10.3	94139.7	-4126.7	4098	10.0	94803.8	-4137.9
3919	9.4	93440.7	-4154.0	4009	9.6	94147.2	-4148.3	4099	9.9	94807.3	-4158.6
3920	8.1	93443.2	-4105.7	4010	10.3	94150.2	-4158.7	4100	9.4	94814.3	-4127.0
3921	9.9	93445.7	-4129.2	4011	10.3	94154.7	-4140.1	4101	10.2	94820.2	-4102.2
3922	9.2	93448.2	-4131.6	4012	9.9	94156.2	-4153.3	4102	10.3	94823.3	-4148.4
3923	9.6	93449.7	-4145.8	4013	10.0	94159.2	-4100.8	4103	9.4	94829.8	-4158.7
3924	10.0	93452.7	-4126.0	4014	10.0	94201.7	-4112.9	4104	9.8	94832.8	-4132.1
3925	10.3	93459.2	-4134.7	4015	10.2	94209.7	-4103.9	4105	8.2	94833.8	-4143.2
3926	8.9	93504.2	-4128.0	4016	9.4	94210.2	-4115.3	4106	9.2	94838.7	-4151.9
3927	10.3	93513.2	-4151.7	4017	9.4	94213.2	-4146.2	4107	7.9	94839.8	-4115.4
3928	10.2	93513.2	-4139.0	4018	10.2	94223.2	-4112.9	4108	10.3	94841.8	-4104.1
3929	10.2	93525.2	-4147.8	4019	9.8	94234.2	-4153.3	4109	10.3	94842.8	-4135.2
3930	10.2	93527.2	-4137.8	4020	10.3	94236.2	-4136.9	4110	10.3	94844.8	-4130.4
3931	10.0	93533.2	-4106.8	4021	9.7	94244.7	-4132.8	4111	9.7	94844.8	-4122.2
3932	10.2	93545.2	-4128.4	4022	9.9	94244.7	-4129.3	4112	10.3	94846.3	-4124.5
3933	9.9	93545.7	-4117.6	4023	10.3	94251.0	-4115.8	4113	10.2	94849.8	-4137.6
3934	10.3	93549.7	-4140.8	4024	10.0	94252.5	-4148.1	4114	10.2	94855.5	-4156.8
3935	10.2	93551.7	-4138.2	4025	9.7	94257.5	-4113.6	4115	9.8	94911.8	-4124.2
3936	10.2	93555.2	-4147.2	4026	9.7	94301.0	-4134.2	4116	9.5	94912.8	-4107.0
4117	10.3	94913.3	-4157.8								
4118	9.4	94914.3	-4136.3								
4119	9.8	94917.8	-4124.6								
4120	9.8	94927.8	-4125.2								
4121	10.3	94929.3	-4145.2								
4122	10.3	94947.8	-4136.0								
4123	10.3	94949.8	-4159.4								
4124	9.7	94949.8	-4146.7								
4125	9.1	94953.8	-4147.2								
4126	10.3	95003.8	-4149.0								
4127	10.2	95003.8	-4106.0								
4128	10.3	95005.3	-4139.2								
4129	10.3	95007.8	-4128.5								
4130	10.2	95009.3	-4145.8								
4131	9.4	95012.8	-4128.6								
4132	10.2	95023.3	-4152.8								
4133	9.4	95023.8	-4131.6								
4134	10.3	95025.3	-4152.0								
4135	10.0	95027.8	-4146.5								
4136	10.2	95030.3	-4143.3								
4137	10.2	95034.3	-4140.4								
4138	9.6	95042.8	-4107.1								
4139	10.3	95043.8	-4121.4								
4140	9.6	95047.8	-4149.4								
4141	8.8	95047.8	-4139.1								
4142	10.3	95048.8	-4140.8								
4143	10.3	95051.3	-4114.5								
4144	10.0	95056.8	-4139.2								
4145	10.2	95058.8	-4149.0								
4146	10.2	95058.8	-4135.0								
4147	10.2	95108.3	-4147.2								
4148	10.3	95108.8	-4145.3								
4149	10.3	95108.8	-4111.6								
4150	10.2	95118.8	-4104.8								
4151	10.3	95122.8	-4118.6								
4152	10.3	95128.8	-4140.0								
4153	10.2	95138.3	-4151.9								
4154	9.7	95138.8	-4146.2								
4155	9.7	95140.3	-4131.0								
4156	10.0	95150.3	-4115.2								
4157	10.2	95152.8	-4132.3								
4158	10.0	95158.3	-4120.5								
4159	10.0	95158.8	-4106.3								
4160	9.8	95159.8	-4128.0								
4161	10.3	95202.8	-4127.2								
4162	10.2	95204.3	-4154.2								
4163	9.8	95214.8	-4131.4								
4164	9.9	95216.8	-4153.7								
4165	10.3	95218.3	-4106.6								
4166	8.6	95218.3	-4150.4								
4167	9.9	95224.8	-4145.0								
4168	10.3	95228.8	-4150.8								
4169	10.3	95234.2	-4100.9								
4170	10.3	95236.3	-4114.2								
4171	10.3	95241.3	-4113.6								
4172	9.6	95242.8	-4148.9								
4173	9.9	95247.8	-4153.4								
4174	9.4	95249.8	-4105.0								
4175	10.3	95252.8	-4128.2								
4176	10.3	95254.8	-4127.8								
4177	10.0	95259.8	-4110.0								
4178	9.8	95259.8	-4139.0								
4179	10.3	95304.3	-4153.7								
4180	10.2	95308.3	-4129.6								
4181	8.8	95308.8	-4136.0								
4182	9.9	95311.3	-4131.0								
4183	9.8	95313.8	-4154.0								
4184	10.3	95313.8	-4109.4								
4185	10.0	95317.3	-4126.2								
4186	9.9	95332.8	-4127.8								
4187	9.7	95337.3	-4102.3								
4188	10.0	95339.0	-4101.4								
4189	10.3	95341.3	-4135.7								
4190	10.0	95343.8	-4112.0								
4191	10.0	95348.8	-4156.7								
4192	9.2	95349.8	-4146.1								
4193	10.2	95358.8	-4131.0								
4194	9.5	95359.8	-4114.1								
4195	8.6	95403.8	-4147.8								
4196	10.3	95407.8	-4113.1								
4197	10.3	95409.8	-4126.8								
4198	10.3	95418.8	-4109.4								
4199	9.7	95418.8	-4114.5								
4200	10.2	95420.3	-4118.8								
4201	9.9	95422.8	-4120.5								
4202	9.6	95423.8	-4123.7								
4203	10.2	95431.8	-4121.1								
4204	10.3	95441.1	-4158.5								
4205	10.3	95442.8	-4101.3								
4206	10.3	95444.6	-4159.2								

-41 4207 9h54m

-41 4566 10h19m

4207	10.3	95449.8	-4152.9	4297	10.3	100019.9	-4140.6	4387	9.7	100657.0	-4153.2
4208	10.3	95452.8	-4153.3	4298	10.6	100024.0	-4113.4	4388	10.6	100657.8	-4143.8
4209	8.7	95459.8	-4152.3	4299	10.6	100027.9	-4116.9	4389	9.5	100703.2	-4158.8
4210	9.4	95508.8	-4135.2	4300	8.2	100030.0	-4120.2	4390	10.6	100708.0	-4151.4
4211	10.3	95510.3	-4124.2	4301	10.4	100030.0	-4131.0	4391	10.2	100712.0	-4137.8
4212	9.4	95512.3	-4130.6	4302	9.9	100034.0	-4119.0	4392	9.9	100722.0	-4128.5
4213	8.8	95515.8	-4144.4	4303	10.0	100039.5	-4135.4	4393	9.9	100722.1	-4154.1
4214	9.6	95516.3	-4141.6	4304	10.6	100040.0	-4130.3	4394	10.2	100730.0	-4133.5
4215	10.3	95522.8	-4124.6	4305	10.6	100041.0	-4113.2	4395	10.4	100730.1	-4158.8
4216	9.8	95527.8	-4135.4	4306	9.8	100048.0	-4140.1	4396	10.6	100731.8	-4121.4
4217	10.0	95529.8	-4151.9	4307	7.5	100054.1	-4155.1	4397	10.6	100734.5	-4112.4
4218	10.2	95531.3	-4109.5	4308	9.5	100059.0	-4109.0	4398	10.4	100752.0	-4133.6
4219	10.2	95532.8	-4107.5	4309	10.6	100059.8	-4159.7	4399	9.6	100801.8	-4117.4
4220	9.2	95533.8	-4154.2	4310	9.5	100100.5	-4113.6	4400	10.2	100817.6	-4154.8
4221	9.7	95538.8	-4107.3	4311	10.6	100107.3	-4131.4	4401	10.6	100822.0	-4107.6
4222	9.9	95540.3	-4137.9	4312	10.6	100112.5	-4121.3	4402	9.9	100822.0	-4112.3
4223	10.2	95541.8	-4106.3	4313	10.6	100124.3	-4110.2	4403	8.6	100826.5	-4136.3
4224	10.2	95542.5	-4159.5	4314	10.6	100127.4	-4100.6	4404	9.9	100834.1	-4123.2
4225	9.4	95547.3	-4138.1	4315	10.4	100130.3	-4103.9	4405	8.8	100837.0	-4122.1
4226	10.3	95547.8	-4136.8	4316	10.4	100130.8	-4130.4	4406	9.9	100837.5	-4103.2
4227	9.8	95549.8	-4130.0	4317	10.6	100137.5	-4107.0	4407	10.6	100840.0	-4118.5
4228	9.6	95553.8	-4126.4	4318	9.4	100139.5	-4132.0	4408	10.6	100851.0	-4138.8
4229	9.8	95554.3	-4146.0	4319	10.4	100140.0	-4145.3	4409	10.4	100853.5	-4149.3
4230	10.3	95557.8	-4117.3	4320	10.6	100148.6	-4100.0	4410	10.2	100858.5	-4148.1
4231	9.7	95607.8	-4135.9	4321	10.4	100150.0	-4145.7	4411	9.7	100901.0	-4144.5
4232	10.3	95624.8	-4110.0	4322	10.2	100150.0	-4132.0	4412	9.2	100901.0	-4121.5
4233	10.2	95631.8	-4135.6	4323	8.4	100157.0	-4142.6	4413	9.8	100906.0	-4107.7
4234	10.3	95639.8	-4119.9	4324	8.6	100200.0	-4145.0	4414	9.9	100907.0	-4117.1
4235	10.3	95640.3	-4120.8	4325	9.9	100205.0	-4109.6	4415	10.0	100907.5	-4118.1
4236	10.3	95640.3	-4157.2	4326	10.6	100210.0	-4115.5	4416	10.4	100908.0	-4101.0
4237	10.2	95640.3	-4159.9	4327	10.6	100215.0	-4154.5	4417	10.6	100912.5	-4125.2
4238	8.4	95640.8	-4153.0	4328	10.4	100216.0	-4105.1	4418	4.6	100930.0	-4130.1
4239	9.2	95642.8	-4145.2	4329	8.2	100224.1	-4150.5	4419	9.6	100930.0	-4146.8
4240	9.9	95643.8	-4117.2	4330	9.7	100230.5	-4152.0	4420	10.0	100930.0	-4101.2
4241	8.4	95644.3	-4108.7	4331	9.7	100231.0	-4134.8	4421	10.4	100932.0	-4117.5
4242	9.8	95649.8	-4120.3	4332	10.0	100233.0	-4141.1	4422	7.4	100934.1	-4106.4
4243	8.6	95649.8	-4121.1	4333	8.6	100238.0	-4106.8	4423	10.4	100938.5	-4102.2
4244	10.3	95654.3	-4105.2	4334	10.2	100250.0	-4107.5	4424	7.5	100939.0	-4145.8
4245	9.5	95701.8	-4156.2	4335	9.6	100255.5	-4116.7	4425	8.8	100940.5	-4156.0
4246	10.2	95710.8	-4142.8	4336	10.2	100300.5	-4151.1	4426	10.6	100948.5	-4116.8
4247	10.3	95719.8	-4119.1	4337	10.4	100310.0	-4129.8	4427	8.9	100948.5	-4159.1
4248	10.3	95729.8	-4156.6	4338	9.9	100311.0	-4115.4	4428	10.2	100950.8	-4136.2
4249	9.8	95734.8	-4115.0	4339	10.4	100312.5	-4149.2	4429	8.2	100956.0	-4144.2
4250	10.2	95738.8	-4148.8	4340	10.6	100313.5	-4121.3	4430	10.4	101000.0	-4100.9
4251	9.4	95740.8	-4148.9	4341	9.0	100317.3	-4117.7	4431	9.4	101006.0	-4116.2
4252	9.4	95741.8	-4135.9	4342	10.0	100320.0	-4107.2	4432	9.4	101010.0	-4113.4
4253	10.3	95747.8	-4152.4	4343	10.0	100324.0	-4141.6	4433	10.2	101018.0	-4115.2
4254	10.2	95750.8	-4124.3	4344	10.6	100325.0	-4148.8	4434	10.6	101025.0	-4142.9
4255	9.2	95753.8	-4140.0	4345	10.2	100332.5	-4147.9	4435	10.2	101036.0	-4121.1
4256	9.0	95802.8	-4117.2	4346	10.6	100336.0	-4108.8	4436	10.0	101106.0	-4151.1
4257	9.5	95812.3	-4159.8	4347	10.2	100339.0	-4110.4	4437	10.4	101108.5	-4101.8
4258	9.6	95814.8	-4102.1	4348	10.4	100341.0	-4112.8	4438	9.5	101109.1	-4135.9
4259	9.5	95817.8	-4110.9	4349	9.4	100344.0	-4109.9	4439	10.6	101110.0	-4122.0
4260	10.0	95819.3	-4114.9	4350	10.6	100351.0	-4102.2	4440	9.5	101112.5	-4154.1
4261	10.3	95819.8	-4115.2	4351	10.6	100403.0	-4130.2	4441	10.6	101113.5	-4156.3
4262	10.3	95822.8	-4156.1	4352	9.7	100412.0	-4109.8	4442	9.8	101125.5	-4140.7
4263	10.2	95827.8	-4120.7	4353	10.2	100417.5	-4118.7	4443	9.8	101130.0	-4107.8
4264	10.2	95830.8	-4141.2	4354	10.6	100418.6	-4140.2	4444	10.2	101131.5	-4156.3
4265	10.0	95835.8	-4101.0	4355	8.0	100426.0	-4128.8	4445	9.4	101135.5	-4142.4
4266	10.0	95837.3	-4103.8	4356	10.2	100429.0	-4152.2	4446	10.4	101137.0	-4143.1
4267	10.2	95838.3	-4115.7	4357	10.2	100432.0	-4134.3	4447	9.8	101144.0	-4136.2
4268	10.0	95839.8	-4144.2	4358	9.4	100442.5	-4138.2	4448	10.6	101144.1	-4141.2
4269	10.3	95841.3	-4100.0	4359	7.8	100449.5	-4152.2	4449	8.7	101151.0	-4127.1
4270	9.8	95843.8	-4123.4	4360	10.4	100455.5	-4131.6	4450	10.6	101158.0	-4110.7
4271	10.2	95847.8	-4123.3	4361	10.4	100456.0	-4105.2	4451	10.6	101204.1	-4149.0
4272	9.8	95849.8	-4118.6	4362	10.6	100458.5	-4108.4	4452	10.2	101212.0	-4125.4
4273	10.3	95858.8	-4139.0	4363	9.9	100508.1	-4153.0	4453	9.6	101226.0	-4105.2
4274	9.7	95908.8	-4101.6	4364	8.4	100518.0	-4158.8	4454	10.2	101227.5	-4135.7
4275	9.6	95913.8	-4129.8	4365	7.6	100522.0	-4105.8	4455	10.6	101233.0	-4142.1
4276	9.6	95915.3	-4146.0	4366	10.6	100524.1	-4131.6	4456	10.6	101235.5	-4108.6
4277	9.5	95918.8	-4100.8	4367	9.0	100530.0	-4145.4	4457	10.6	101236.5	-4121.9
4278	9.1	95922.9	-4148.8	4368	10.6	100533.5	-4126.4	4458	10.4	101237.0	-4106.8
4279	9.0	95923.8	-4132.0	4369	10.2	100536.5	-4126.7	4459	10.6	101237.7	-4146.8
4280	10.3	95923.8	-4107.9	4370	9.8	100538.5	-4130.2	4460	10.6	101239.3	-4148.8
4281	10.0	95927.8	-4143.3	4371	10.2	100546.0	-4124.8	4461	10.2	101240.0	-4105.5
4282	8.5	95931.3	-4137.2	4372	10.6	100551.5	-4151.4	4462	10.4	101246.5	-4106.1
4283	10.2	95933.3	-4119.7	4373	9.6	100554.1	-4116.8	4463	10.0	101246.5	-4144.1
4284	9.8	95939.8	-4154.5	4374	10.4	100601.0	-4143.1	4464	9.4	101249.1	-4149.5
4285	10.3	95943.8	-4127.6	4375	9.9	100604.1	-4111.3	4465	10.6	101251.8	-4102.7
4286	10.0	95947.3	-4152.1	4376	10.4	100609.0	-4148.4	4466	10.4	101252.1	-4115.1
4287	9.9	95951.4	-4143.7	4377	10.6	100612.0	-4103.0	4467	9.6	101253.6	-4149.0
4288	9.2	95956.2	-4143.0	4378	10.2	100620.0	-4136.4	4468	10.2	101258.1	-4107.0
4289	9.2	95958.3	-4142.9	4379	10.6	100627.1	-4120.4	4469	9.4	101300.1	-4149.8
4290	8.0	100001.1	-4133.9	4380	10.6	100630.0	-4138.0	4470	6.4	101309.6	-4102.6
4291	10.2	100003.2	-4100.9	4381	10.0	100630.0	-4128.6	4471	9.4	101319.4	-4101.5
4292	10.3	100010.1	-4133.3	4382	10.4	100630.5	-4151.9	4472	10.2	101323.1	-4104.6
4293	10.2	100011.2	-4109.2	4383	10.0	100634.5	-4137.3	4473	10.6	101324.1	-4121.6
4294	10.3	100014.8	-4152.8	4384	9.9	100639.5	-4111.4	4474	10.6	101330.1	-4152.9
4295	10.3	100016.8	-4106.6	4385	10.6	100652.0	-4129.2	4475	10.6	101332.8	-4155.0
4296	9.8	100018.2	-4124.7	4386	10.4	100657.0	-4125.7	4476	10.6	101344.1	-4127.7
4477	10.6	101351.6	-4138.3								
4478	10.0	101355.1	-4146.6								
4479	10.6	101400.6	-4127.1								
4480	10.4	101401.8	-4142.0								
4481	9.4	101403.1	-4131.5								
4482	10.6	101423.6	-4151.8								
4483	10.6	101432.1	-4125.3								
4484	10.6	101434.1	-4126.9								
4485	10.6	101439.6	-4133.2								
4486	10.0	101442.8	-4124.0								
4487	9.4	101449.1	-4115.2								
4488	8.8	101518.1	-4125.5								
4489	10.0	101518.1	-4144.0								
4490	10.6	101524.1	-4159.1								
4491	10.6	101525.1	-4115.4								
4492	10.6	101526.1	-4155.1								
4493	10.6	101535.1	-4107.2								
4494	10.4	101546.1	-4142.7								
4495	10.6	101552.1	-4127.2								
4496	10.6	101556.0	-4159.1								
4497	9.9	101557.1	-4107.8								
4498	8.7	101601.1	-4131.7								
4499	9.8	101604.1	-4111.1								
4500	9.6	101606.1	-4109.9								
4501	9.9	101610.1	-4120.1								
4502	10.6	101610.8	-4114.1								
4503	10.6	101612.1	-4140.9								
4504	10.6	101613.1	-4138.9								
4505	9.0	101623.6	-4114.6								
4506	10.2	101624.6	-4140.5								
4507	10.6	101629.1	-4109.0								
4508	10.6	101630.1	-4132.1								
4509	9.4	101631.1	-4141.0								
4510	10.6	101641.1	-4108.8								
4511	10.6	101644.1	-4143.8								
4512	10.2	101649.1	-4148.3								
4513	8.6	101651.1	-4143.2								
4514	10.6	101651.1	-4107.2								
4515	8.8	101656.1	-4148.8								
4516	10.0	101658.6	-4105.8								
4517	6.6	101658.6	-4101.3								
4518	10.2	101659.6	-4120.3								
4519	10.4	101704.6	-4114.1								
4520	10.4	101708.1	-4118.1								
4521	10.4	101709.6	-4109.6								
4522	9.0	101723.6	-4108.7								
4523	10.0	101724.1	-4147.2								
4524	10.6	101726.1	-4159.9								
4525	10.4	101728.1	-4103.4								
4526	10.6	101730.1	-4120.2								
4527	10.2	101736.1	-4147.5								
4528	9.6	101740.1	-4118.8								
4529	10.6	101740.1	-4110.2								
4530	10.2	101741.1	-4124.1								
4531	10.6	101741.1	-4132.8								
4532	10.6	101746.1	-4138.7								
4533	10.0	101752.1	-4128.2								
4534	8.4	101753.6	-4109.4								
4535	10.0	101754.1	-4108.2								
4536	10.2	101758.6	-4108.1								
4537	10.6	101800.1	-4135.8								
4538	10.6	101801.6	-4140.5								
4539	9.5	101807.1	-4149.7								
4540	8.9	101809.6	-4126.8								
4541	10.2	101815.6	-4129.5								
4542	7.8	101819.6	-4119.3								
4543	10.6	101820.1	-4156.7								
4544	9.4	101820.6	-4150.0								
4545	10.0	101821.1	-4126.0								
4546	10.0	101821.6	-4133.2								
4547	10.4	101831.1	-4129.0								
4548	10.6	101841.1	-4150.3								
4549	10.2	101844.1	-4154.8								
4550	10.0	101844.4	-4159.9								
4551	9.4	101849.6	-4155.1								
4552	10.4	101850.6	-4141.3								
4553	10.0	101900.1	-4103.1								
4554	10.2	101901.1	-4108.6								
4555	10.6	101903.1	-4144.7								
4556	10.6	101908.1	-4156.5								
4557	10.6	101910.1	-4121.4								
4558	8.4	101920.1	-4113.2								
4559	10.6	101931.1	-4155.6								
4560	9.0	101931.3	-4158.5								
4561	10.6	101932.1	-4114.5								
4562	10.2	101936.1	-4148.1								
4563	10.6	101937.6	-4108.5								
4564	8.7	101949.1	-4115.7								
4565	10.6	101952.6	-4103.0								
4566	7.7	101955.6	-4150.0								

-41 4567 10h19m

-41 4926 10h45m

4567	8.6	101957.6	-4136.8	4657	10.0	102620.1	-4138.6	4747	10.0	103416.6	-4142.0	4837	9.8	103958.7	-4139.9
4568	10.0	102001.1	-4137.1	4658	10.3	102624.1	-4139.0	4748	10.3	103421.1	-4100.0	4838	10.2	104001.1	-4128.6
4569	10.2	102002.1	-4109.3	4659	8.7	102629.8	-4106.7	4749	10.2	103427.1	-4143.0	4839	9.7	104003.1	-4113.1
4570	10.2	102002.6	-4121.3	4660	10.1	102633.8	-4124.7	4750	10.0	103431.0	-4157.6	4840	10.3	104004.6	-4107.9
4571	10.6	102006.1	-4125.2	4661	10.1	102634.3	-4142.5	4751	10.0	103436.6	-4118.3	4841	9.9	104005.1	-4150.4
4572	10.2	102014.1	-4151.4	4662	9.6	102638.3	-4113.7	4752	9.5	103441.1	-4115.0	4842	10.1	104008.1	-4155.5
4573	10.2	102015.1	-4120.5	4663	9.4	102639.1	-4141.0	4753	9.8	103442.1	-4145.0	4843	9.9	104011.1	-4129.5
4574	9.9	102015.1	-4104.7	4664	10.3	102639.1	-4120.1	4754	9.9	103447.2	-4129.2	4844	9.8	104012.1	-4141.4
4575	9.4	102021.1	-4110.2	4665	9.4	102645.1	-4130.1	4755	10.3	103449.1	-4152.7	4845	9.4	104014.1	-4125.0
4576	9.7	102026.6	-4140.7	4666	10.3	102700.1	-4137.8	4756	10.3	103452.6	-4135.8	4846	10.3	104019.1	-4129.0
4577	10.6	102026.6	-4142.0	4667	9.9	102701.1	-4135.1	4757	9.6	103453.6	-4154.1	4847	10.2	104019.1	-4127.0
4578	10.0	102031.1	-4117.6	4668	10.2	102707.4	-4150.1	4758	10.3	103455.2	-4155.3	4848	10.0	104019.1	-4122.4
4579	10.6	102031.4	-4100.0	4669	9.1	102708.6	-4133.5	4759	10.0	103456.1	-4141.0	4849	10.2	104020.1	-4137.4
4580	10.4	102037.6	-4136.5	4670	9.8	102710.1	-4148.3	4760	10.3	103457.1	-4155.6	4850	9.0	104020.1	-4106.8
4581	10.4	102040.1	-4101.7	4671	10.2	102725.1	-4129.4	4761	10.3	103458.1	-4114.7	4851	9.5	104026.6	-4125.8
4582	8.8	102048.1	-4117.1	4672	10.0	102728.1	-4127.1	4762	10.3	103458.6	-4156.5	4852	9.7	104029.1	-4130.5
4583	10.0	102049.6	-4149.5	4673	10.1	102729.1	-4145.6	4763	9.4	103501.1	-4149.3	4853	9.8	104032.2	-4153.9
4584	9.2	102055.6	-4115.3	4674	10.1	102739.1	-4150.5	4764	9.2	103505.6	-4132.0	4854	10.0	104035.1	-4132.8
4585	9.9	102100.1	-4135.0	4675	10.3	102759.1	-4130.6	4765	9.9	103512.1	-4131.2	4855	10.3	104044.1	-4108.8
4586	9.9	102104.6	-4158.8	4676	9.6	102806.6	-4119.6	4766	10.0	103515.1	-4149.9	4856	8.5	104049.6	-4117.4
4587	9.9	102111.6	-4130.5	4677	10.3	102807.2	-4104.5	4767	9.8	103516.6	-4136.3	4857	10.3	104051.1	-4137.9
4588	10.4	102115.1	-4139.0	4678	9.9	102818.1	-4114.3	4768	10.3	103523.6	-4141.3	4858	7.8	104053.9	-4159.2
4589	9.8	102121.1	-4139.1	4679	9.9	102819.1	-4126.7	4769	10.3	103528.4	-4137.7	4859	8.5	104059.1	-4126.9
4590	10.0	102139.1	-4112.4	4680	8.9	102820.1	-4111.8	4770	9.2	103529.1	-4148.1	4860	8.1	104102.6	-4157.1
4591	10.4	102142.1	-4144.6	4681	9.3	102828.6	-4145.0	4771	10.1	103530.6	-4123.1	4861	10.1	104104.1	-4111.5
4592	9.4	102146.1	-4105.9	4682	9.4	102833.1	-4114.1	4772	9.6	103531.1	-4144.0	4862	9.5	104109.1	-4110.3
4593	7.5	102147.1	-4124.9	4683	10.0	102834.6	-4100.7	4773	9.9	103533.1	-4148.7	4863	9.0	104111.1	-4137.8
4594	10.6	102148.1	-4139.1	4684	10.3	102837.6	-4130.3	4774	10.3	103534.6	-4146.7	4864	9.6	104114.6	-4129.9
4595	10.6	102156.6	-4138.6	4685	9.8	102839.1	-4128.3	4775	9.0	103542.2	-4144.8	4865	9.9	104115.1	-4137.0
4596	10.6	102208.3	-4147.4	4686	10.0	102840.1	-4134.9	4776	9.4	103545.1	-4137.2	4866	8.3	104116.6	-4116.6
4597	10.6	102209.1	-4134.9	4687	10.3	102844.1	-4137.6	4777	10.0	103550.1	-4107.8	4867	9.8	104142.6	-4150.0
4598	10.0	102211.8	-4130.0	4688	10.1	102845.1	-4123.1	4778	10.0	103554.4	-4114.2	4868	10.0	104146.1	-4146.4
4599	10.2	102214.3	-4149.7	4689	10.1	102854.1	-4117.8	4779	10.2	103556.1	-4133.3	4869	10.2	104147.2	-4154.3
4600	10.4	102221.1	-4128.8	4690	10.0	102857.1	-4124.6	4780	10.1	103604.1	-4152.2	4870	8.6	104149.1	-4154.7
4601	9.4	102221.6	-4124.7	4691	10.3	102858.1	-4132.7	4781	10.0	103621.1	-4147.0	4871	10.2	104152.6	-4143.6
4602	10.4	102223.4	-4156.5	4692	9.2	102904.1	-4107.9	4782	10.3	103622.1	-4135.8	4872	9.9	104205.1	-4131.5
4603	10.4	102223.6	-4125.0	4693	10.0	102908.1	-4116.3	4783	10.3	103622.2	-4111.8	4873	10.1	104209.1	-4153.8
4604	10.0	102229.1	-4112.4	4694	8.2	102911.1	-4106.3	4784	10.3	103633.1	-4142.2	4874	10.3	104210.9	-4101.0
4605	9.9	102229.6	-4155.0	4695	9.1	102911.6	-4126.9	4785	9.2	103640.6	-4124.9	4875	9.8	104214.1	-4130.6
4606	8.7	102234.2	-4122.3	4696	10.1	102914.6	-4130.3	4786	10.3	103647.2	-4138.1	4876	10.3	104217.6	-4135.8
4607	10.4	102237.1	-4112.1	4697	8.9	102919.1	-4115.2	4787	10.0	103649.1	-4124.4	4877	10.1	104222.2	-4109.6
4608	10.2	102237.1	-4110.7	4698	9.6	102921.2	-4159.7	4788	10.3	103656.1	-4156.0	4878	10.3	104227.1	-4113.0
4609	10.0	102302.6	-4130.4	4699	9.1	102921.6	-4108.0	4789	9.4	103659.1	-4142.3	4879	10.3	104230.8	-4101.6
4610	9.9	102310.0	-4102.1	4700	10.1	102927.6	-4158.7	4790	9.0	103702.1	-4115.0	4880	10.1	104236.6	-4143.5
4611	9.9	102313.6	-4114.2	4701	10.3	102927.9	-4157.8	4791	9.4	103703.6	-4155.1	4881	9.4	104240.1	-4114.4
4612	10.6	102314.1	-4156.8	4702	9.4	102947.1	-4120.8	4792	10.3	103704.1	-4147.7	4882	10.3	104240.1	-4120.3
4613	10.0	102315.4	-4126.2	4703	10.3	102955.9	-4159.1	4793	9.9	103704.6	-4153.9	4883	9.4	104240.6	-4114.2
4614	10.2	102322.6	-4105.6	4704	10.3	102957.6	-4115.9	4794	9.6	103707.6	-4138.5	4884	9.2	104244.1	-4159.4
4615	10.6	102329.1	-4133.7	4705	9.7	103000.1	-4118.7	4795	10.3	103712.0	-4148.2	4885	9.9	104244.1	-4127.7
4616	9.2	102330.1	-4157.3	4706	10.3	103012.6	-4104.0	4796	9.4	103716.1	-4147.7	4886	8.8	104246.4	-4117.1
4617	10.4	102336.1	-4135.6	4707	10.3	103028.1	-4115.7	4797	10.2	103719.2	-4117.2	4887	9.8	104248.3	-4102.5
4618	10.4	102337.1	-4109.5	4708	9.9	103031.1	-4155.1	4798	10.1	103734.1	-4104.2	4888	9.8	104251.1	-4116.7
4619	10.2	102340.1	-4104.1	4709	10.0	103039.1	-4142.0	4799	9.5	103737.2	-4140.5	4889	10.3	104252.2	-4149.3
4620	10.4	102342.6	-4143.6	4710	9.6	103045.6	-4111.9	4800	10.0	103738.6	-4131.2	4890	9.9	104252.6	-4122.4
4621	10.0	102350.6	-4155.9	4711	10.3	103053.9	-4123.7	4801	9.8	103740.1	-4128.6	4891	10.3	104254.1	-4125.1
4622	10.0	102351.1	-4133.5	4712	10.3	103100.1	-4123.3	4802	9.6	103747.3	-4101.2	4892	10.0	104303.8	-4156.6
4623	10.0	102354.3	-4124.0	4713	9.4	103100.3	-4157.5	4803	10.0	103756.1	-4106.2	4893	9.7	104316.1	-4107.2
4624	10.6	102408.8	-4102.1	4714	10.2	103117.1	-4145.3	4804	9.6	103759.6	-4137.0	4894	9.6	104320.4	-4159.0
4625	9.9	102409.6	-4104.7	4715	10.3	103119.6	-4156.6	4805	9.5	103803.1	-4133.7	4895	9.8	104325.2	-4108.2
4626	10.4	102410.1	-4113.0	4716	10.1	103123.1	-4154.4	4806	10.3	103807.6	-4100.6	4896	10.3	104326.6	-4125.2
4627	10.6	102419.1	-4132.5	4717	10.2	103124.1	-4110.0	4807	9.8	103815.6	-4153.6	4897	10.0	104329.1	-4152.2
4628	10.0	102421.1	-4118.5	4718	8.8	103124.6	-4153.8	4808	9.9	103816.6	-4136.7	4898	10.2	104335.1	-4117.6
4629	9.4	102427.1	-4142.5	4719	9.6	103128.6	-4153.6	4809	9.2	103817.1	-4131.4	4899	10.3	104336.6	-4106.9
4630	10.2	102438.1	-4121.6	4720	10.3	103142.1	-4100.8	4810	10.3	103817.1	-4116.2	4900	10.3	104336.6	-4135.9
4631	10.4	102439.1	-4128.3	4721	10.3	103150.1	-4151.4	4811	9.7	103818.1	-4137.4	4901	9.8	104339.6	-4114.0
4632	10.2	102448.1	-4121.7	4722	10.0	103154.6	-4138.5	4812	10.3	103829.1	-4115.6	4902	10.3	104340.9	-4110.6
4633	10.2	102450.6	-4141.6	4723	10.1	103200.1	-4129.8	4813	10.1	103829.1	-4152.4	4903	10.0	104348.1	-4156.2
4634	10.4	102451.1	-4144.1	4724	10.3	103206.6	-4126.1	4814	9.9	103830.1	-4155.4	4904	10.0	104349.1	-4152.9
4635	9.2	102500.1	-4155.6	4725	10.3	103212.4	-4129.0	4815	9.4	103831.1	-4144.0	4905	7.8	104349.6	-4142.4
4636	10.2	102500.1	-4100.4	4726	8.8	103238.6	-4157.2	4816	10.0	103833.9	-4155.9	4906	8.6	104350.1	-4108.7
4637	10.6	102500.1	-4111.9	4727	10.2	103243.1	-4103.1	4817	9.6	103835.1	-4128.3	4907	9.9	104402.1	-4131.5
4638	10.6	102501.6	-4112.9	4728	10.0	103244.1	-4121.3	4818	10.0	103836.1	-4157.6	4908	9.7	104413.9	-4129.7
4639	10.0	102505.6	-4114.1	4729	10.3	103247.1	-4103.1	4819	10.3	103839.1	-4115.2	4909	10.1	104421.4	-4159.3
4640	10.0	102505.6	-4153.2	4730	10.3	103258.3	-4101.1	4820	10.1	103841.0	-4103.1	4910	10.1	104429.6	-4114.8
4641	10.6	102519.6	-4108.6	4731	8.8	103300.1	-4133.9	4821	9.2	103844.6	-4132.0	4911	10.0	104430.1	-4152.3
4642	9.4	102521.6	-4119.6	4732	8.4	103300.4	-4134.2	4822	8.7	103849.6	-4123.9	4912	10.0	104434.6	-4116.2
4643	9.4	102524.1	-4158.7	4733	10.3	103302.6	-4157.2	4823	9.8	103859.2	-4133.8	4913	10.0	104438.2	-4145.3
4644	10.4	102528.1	-4131.6	4734	10.0	103312.1	-4108.7	4824	10.0	103901.6	-4104.1	4914	10.1	104440.1	-4106.3
4645	7.9	102540.1	-4134.8	4735	9.6	103312.6	-4122.9	4825	10.1	103902.1	-4102.5	4915	10.3	104442.1	-4145.3
4646	10.2	102544.6	-4134.6	4736	9.7	103312.6	-4145.0	4826	10.1	103910.1	-4141.9	4916	9.9	104443.1	-4144.4
4647	10.0	102546.1	-4121.2	4737	9.8	103315.1	-4153.5	4827	9.6	103911.1	-4125.7	4917	9.8	104443.2	-4106.9
4648	7.6	102548.1	-4135.2	4738	10.0	103318.6	-4127.4	4828	10.0	103914.6	-4136.6	4918	10.3	104444.1	-4125.8
4649	10.6	102552.6	-4144.9	4739	10.3	103319.1	-4119.6	4829	9.4	103914.6	-4115.2	4919	10.2	104449.6	-4131.5
4650	10.2	102555.4	-4154.0	4740	10.0	103339.1	-4155.0	4830	8.7	103917.6	-4146.7	4920	9.8	104449.6	-4146.2
4651	10.2	102559.1	-4105.8	4741	9.2	103340.9	-4128.9	4831	10.2	103936.6	-4142.4	4921	10.3	104451.1	-4140.2
4652	10.2	102602.0	-4135.9	4742	10.3	103349.6	-4157.7	4832	10.3	103938.1	-4144.1	4922	9.5	104459.1	-4124.6
4653	10.2	102604.1	-4118.8	4743	10.3	103410.4	-4138.1	4833	10.2	103938.1	-4140.5	4923	10.3	104508.6	-4142.3
4654	10.2	102604.9	-4118.6	4744	10.3	103412.8	-4100.0	4834	9.7	103946.6	-4150.4	4924	10.3	104509.6	-4134.0
4655	10.0	102606.4	-4141.4	4745	9.7	103415.1	-4150.6	4835	10.0	103949.6	-4149.9	4925	9.8	104516.8	-4102.3
4656	10.6	102610.4	-4115.8	4746	8.5	103415.1	-4145.0	4836	10.2	103950.1	-4121.3	4926	9.9	104519.1	-4138.5

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4927	9.0	104519.6	-4116.2	5017	9.6	105137.1	-4137.0	5107	10.0	110029.4	-4157.7	5197	10.4	110741.4	-4132.2
4928	10.3	104520.1	-4104.9	5018	10.3	105138.6	-4119.1	5108	10.2	110033.4	-4155.7	5198	10.6	110741.4	-4131.5
4929	10.3	104530.1	-4118.9	5019	9.6	105139.6	-4138.5	5109	10.4	110037.4	-4151.0	5199	9.2	110748.2	-4157.4
4930	10.3	104531.1	-4137.1	5020	8.9	105141.1	-4145.7	5110	9.5	110048.4	-4113.2	5200	10.6	110751.9	-4136.4
4931	9.4	104536.6	-4110.2	5021	10.0	105144.1	-4128.5	5111	9.0	110059.3	-4149.2	5201	8.8	110759.4	-4134.5
4932	10.0	104539.1	-4101.8	5022	10.3	105145.1	-4110.5	5112	8.7	110104.9	-4131.7	5202	10.6	110800.9	-4126.3
4933	10.3	104540.1	-4121.5	5023	9.4	105147.1	-4128.9	5113	9.0	110111.4	-4150.6	5203	10.5	110807.9	-4159.2
4934	9.2	104548.1	-4146.4	5024	10.3	105149.0	-4114.8	5114	10.2	110112.4	-4128.1	5204	10.0	110809.9	-4155.7
4935	10.0	104549.1	-4146.0	5025	10.3	105159.6	-4131.9	5115	10.4	110123.4	-4151.5	5205	10.0	110812.2	-4157.8
4936	10.3	104549.1	-4151.5	5026	10.3	105206.1	-4103.2	5116	10.3	110126.4	-4105.2	5206	8.7	110815.4	-4100.4
4937	9.8	104551.1	-4116.2	5027	9.7	105210.1	-4121.3	5117	9.6	110129.4	-4148.1	5207	10.0	110816.9	-4156.2
4938	10.2	104553.1	-4114.3	5028	7.8	105217.0	-4122.2	5118	5.6	110129.4	-4157.9	5208	9.2	110819.4	-4158.0
4939	8.1	104555.1	-4107.4	5029	10.3	105217.1	-4127.9	5119	10.3	110132.9	-4120.4	5209	10.0	110819.4	-4122.3
4940	10.2	104557.6	-4119.3	5030	9.1	105220.6	-4139.1	5120	10.6	110141.4	-4117.1	5210	10.4	110820.4	-4111.2
4941	10.2	104559.7	-4100.0	5031	9.6	105222.1	-4116.7	5121	9.8	110141.9	-4107.5	5211	9.3	110826.3	-4123.2
4942	8.8	104602.1	-4114.8	5032	9.8	105239.1	-4126.5	5122	10.4	110150.9	-4149.8	5212	10.2	110826.6	-4125.8
4943	10.3	104609.6	-4117.0	5033	10.0	105239.1	-4130.3	5123	10.0	110155.1	-4125.3	5213	10.2	110829.4	-4141.7
4944	10.3	104627.6	-4116.3	5034	10.0	105239.1	-4148.4	5124	10.2	110200.4	-4146.8	5214	10.3	110831.4	-4127.7
4945	9.8	104630.1	-4143.7	5035	9.8	105239.6	-4154.1	5125	10.0	110208.4	-4143.7	5215	8.7	110831.9	-4119.1
4946	10.2	104631.1	-4150.5	5036	10.3	105248.1	-4112.2	5126	10.2	110209.1	-4102.6	5216	10.5	110832.4	-4116.4
4947	9.0	104636.1	-4152.1	5037	10.0	105249.1	-4131.9	5127	10.6	110211.4	-4112.7	5217	10.6	110836.9	-4100.3
4948	10.3	104639.1	-4140.6	5038	9.3	105259.1	-4146.5	5128	8.5	110215.3	-4142.9	5218	10.6	110839.4	-4129.5
4949	10.3	104646.1	-4129.7	5039	9.8	105305.6	-4111.9	5129	10.6	110222.3	-4130.0	5219	10.2	110847.9	-4140.6
4950	10.2	104651.6	-4100.0	5040	9.7	105310.2	-4144.5	5130	10.2	110229.4	-4104.6	5220	8.8	110852.4	-4130.2
4951	9.6	104653.1	-4116.0	5041	10.3	105315.6	-4137.9	5131	10.6	110245.4	-4107.2	5221	10.6	110854.4	-4110.7
4952	10.3	104653.1	-4104.4	5042	8.6	105329.7	-4159.6	5132	10.5	110252.9	-4128.5	5222	10.4	110902.9	-4152.6
4953	9.5	104654.1	-4123.8	5043	9.1	105329.7	-4106.3	5133	10.6	110258.9	-4147.9	5223	9.8	110919.4	-4114.8
4954	10.3	104701.1	-4151.2	5044	8.4	105332.3	-4152.8	5134	10.2	110259.4	-4112.0	5224	10.0	110919.4	-4106.4
4955	9.4	104703.1	-4152.9	5045	10.4	105340.2	-4112.4	5135	10.4	110305.4	-4117.0	5225	10.2	110921.4	-4127.0
4956	8.7	104709.2	-4102.3	5046	10.5	105343.4	-4105.0	5136	10.2	110309.4	-4105.3	5226	10.6	110925.4	-4153.9
4957	10.3	104710.1	-4116.5	5047	8.9	105343.9	-4145.0	5137	9.8	110319.4	-4110.8	5227	10.3	110938.3	-4102.9
4958	10.0	104710.1	-4137.1	5048	10.6	105349.6	-4140.3	5138	10.2	110325.4	-4121.9	5228	10.3	110939.4	-4116.5
4959	9.2	104719.6	-4113.8	5049	9.6	105350.4	-4103.7	5139	10.6	110328.9	-4152.1	5229	8.0	110939.9	-4156.2
4960	10.3	104730.1	-4125.5	5050	10.6	105359.4	-4106.8	5140	10.0	110336.6	-4149.8	5230	10.2	110948.5	-4148.1
4961	9.6	104736.1	-4134.5	5051	10.4	105404.9	-4103.0	5141	9.8	110340.4	-4127.5	5231	10.4	110948.2	-4107.7
4962	9.7	104740.2	-4159.9	5052	10.2	105418.4	-4115.2	5142	10.3	110340.9	-4125.2	5232	10.6	110949.2	-4153.7
4963	10.3	104744.1	-4138.3	5053	10.0	105419.8	-4125.1	5143	10.4	110341.1	-4154.8	5233	10.2	110949.4	-4114.9
4964	10.3	104746.2	-4137.0	5054	5.3	105425.8	-4133.3	5144	10.3	110343.1	-4131.5	5234	10.2	110950.4	-4100.7
4965	10.3	104750.1	-4147.0	5055	9.0	105440.4	-4125.1	5145	10.5	110346.1	-4105.9	5235	10.0	111000.4	-4149.4
4966	10.1	104752.9	-4153.7	5056	10.0	105449.4	-4133.6	5146	9.3	110347.9	-4147.0	5236	8.8	111000.4	-4105.5
4967	10.3	104755.1	-4144.9	5057	10.6	105458.9	-4143.8	5147	9.9	110350.4	-4159.0	5237	9.8	111018.0	-4135.0
4968	10.3	104756.1	-4143.8	5058	10.4	105519.4	-4109.7	5148	10.0	110356.4	-4151.2	5238	10.0	111023.5	-4112.3
4969	10.3	104801.1	-4143.2	5059	10.2	105519.4	-4109.0	5149	9.6	110357.9	-4115.2	5239	10.6	111040.9	-4132.2
4970	9.4	104801.6	-4122.6	5060	10.3	105527.9	-4110.9	5150	9.5	110358.9	-4157.9	5240	9.9	111044.9	-4127.2
4971	10.3	104812.1	-4135.4	5061	9.8	105529.4	-4132.3	5151	9.9	110401.3	-4134.9	5241	10.4	111046.9	-4139.2
4972	9.3	104814.1	-4106.5	5062	10.0	105531.4	-4134.0	5152	10.0	110401.4	-4128.5	5242	10.6	111043.2	-4148.2
4973	10.3	104819.1	-4109.7	5063	9.8	105533.4	-4132.4	5153	10.6	110410.9	-4107.1	5243	10.5	111043.4	-4157.3
4974	10.1	104831.6	-4137.0	5064	10.6	105533.9	-4119.9	5154	10.6	110417.9	-4139.8	5244	9.3	111049.4	-4108.8
4975	10.3	104842.1	-4102.6	5065	10.4	105545.4	-4155.8	5155	8.8	110419.9	-4151.8	5245	10.6	111101.9	-4152.2
4976	10.3	104843.1	-4143.5	5066	10.4	105548.9	-4155.5	5156	9.1	110423.3	-4122.7	5246	10.2	111101.5	-4159.9
4977	10.3	104846.3	-4136.2	5067	9.4	105550.9	-4116.5	5157	10.2	110426.3	-4153.0	5247	10.6	111118.5	-4119.1
4978	9.3	104846.6	-4132.1	5068	9.8	105618.5	-4154.7	5158	10.5	110438.1	-4149.2	5248	6.7	111119.9	-4115.0
4979	10.2	104848.1	-4111.9	5069	9.3	105627.9	-4149.9	5159	10.4	110449.4	-4103.1	5249	10.0	111121.4	-4113.1
4980	10.0	104851.1	-4116.8	5070	8.0	105627.9	-4149.6	5160	9.1	110451.9	-4133.5	5250	10.2	111124.4	-4121.9
4981	10.3	104855.1	-4127.9	5071	10.0	105631.9	-4139.4	5161	10.6	110452.4	-4156.7	5251	10.0	111124.4	-4121.2
4982	10.3	104858.6	-4153.5	5072	9.3	105634.4	-4118.6	5162	9.4	110455.0	-4157.8	5252	10.0	111125.4	-4151.8
4983	9.4	104859.6	-4105.1	5073	10.2	105637.4	-4122.6	5163	9.9	110457.3	-4142.5	5253	10.2	111125.5	-4144.8
4984	10.2	104902.4	-4103.5	5074	10.2	105640.4	-4139.0	5164	10.2	110507.9	-4103.8	5254	10.2	111126.8	-4155.8
4985	8.2	104903.1	-4121.1	5075	10.4	105640.5	-4102.7	5165	9.8	110510.4	-4136.4	5255	10.4	111129.0	-4154.5
4986	9.4	104907.1	-4144.7	5076	10.4	105651.6	-4102.4	5166	9.9	110512.4	-4146.6	5256	10.2	111131.0	-4121.1
4987	10.0	104910.1	-4113.6	5077	8.6	105659.4	-4132.0	5167	9.4	110512.4	-4102.3	5257	9.8	111132.2	-4100.1
4988	10.0	104912.2	-4111.8	5078	10.2	105659.4	-4144.5	5168	10.4	110516.6	-4121.7	5258	10.2	111137.0	-4108.7
4989	10.3	104915.1	-4137.1	5079	10.6	105727.4	-4133.7	5169	10.6	110519.9	-4133.9	5259	10.0	111142.0	-4103.7
4990	8.8	104919.1	-4112.8	5080	10.0	105734.9	-4128.6	5170	8.9	110523.4	-4150.9	5260	9.5	111147.0	-4130.8
4991	10.3	104919.1	-4109.4	5081	10.2	105740.0	-4156.6	5171	10.0	110538.4	-4151.3	5261	9.3	111149.7	-4100.8
4992	7.0	104920.6	-4135.1	5082	10.6	105740.2	-4128.5	5172	10.6	110541.4	-4139.1	5262	10.2	111149.7	-4102.4
4993	10.2	104923.9	-4116.4	5083	10.6	105751.4	-4115.3	5173	10.6	110548.3	-4127.4	5263	10.4	111149.7	-4158.8
4994	10.3	104929.1	-4118.3	5084	10.0	105754.5	-4109.7	5174	9.2	110551.4	-4130.1	5264	9.0	111149.8	-4123.6
4995	10.0	104950.1	-4102.4	5085	10.4	105800.4	-4126.4	5175	10.4	110551.9	-4135.4	5265	10.6	111204.5	-4110.2
4996	9.9	105000.6	-4154.5	5086	10.6	105803.4	-4140.0	5176	10.6	110552.4	-4148.0	5266	10.6	111211.0	-4144.7
4997	10.0	105004.1	-4116.8	5087	9.0	105804.9	-4128.3	5177	10.6	110608.4	-4126.0	5267	10.5	111219.0	-4120.7
4998	9.9	105026.6	-4155.7	5088	10.3	105807.4	-4119.9	5178	10.5	110611.4	-4147.3	5268	10.0	111227.3	-4135.8
4999	10.3	105028.0	-4144.3	5089	9.8	105824.9	-4112.0	5179	10.2	110623.6	-4148.4	5269	10.4	111228.0	-4146.5
5000	10.1	105028.1	-4153.7	5090	10.6	105835.4	-4133.0	5180	10.0	110633.1	-4133.9	5270	10.5	111229.0	-4147.1
5001	10.3	105031.6	-4150.0	5091	10.3	105846.4	-4146.6	5181	10.2	110640.4	-4139.4	5271	10.6	111233.8	-4125.6
5002	10.2	105034.1	-4105.7	5092	10.6	105856.4	-4155.0	5182	10.2	110646.1	-4143.8	5272	10.6	111236.0	-4135.9
5003	10.3	105044.1	-4133.7	5093	10.5	105900.4	-4112.9	5183	10.5	110648.1	-4109.5	5273	10.6	111236.8	-4131.3
5004	10.3	105047.4	-4101.2	5094	10.3	105917.4	-4100.6	5184	8.6	110653.1	-4130.2	5274	10.6	111237.1	-4118.9
5005	10.3	105049.1	-4159.4	5095	10.6	105921.4	-4154.6	5185	10.2	110657.4	-4104.8	5275	10.6	111239.2	-4101.9
5006	10.2	105049.1	-4136.3	5096	9.3	105921.7	-4145.7	5186	10.0	110700.9	-4105.5	5276	10.6	111239.4	-4100.8
5007	9.5	105049.6	-4154.2	5097	10.2	105932.4	-4149.4	5187	10.4	110704.4	-4122.7	5277	10.2	111240.5	-4127.0
5008	10.1	105056.6	-4108.5	5098	9.3	105937.4	-4139.1	5188	10.1	110708.4	-4108.7	5278	10.0	111240.5	-4121.1
5009	9.6	105058.6	-4134.7	5099	10.2	105937.9	-4155.5	5189	10.2	110709.4	-4158.1	5279	10.5	111244.0	-4130.2
5010	10.3	105059.1	-4155.9	5100	10.4	105941.3	-4152.9	5190	9.3	110711.9	-4127.6	5280	10.6	111245.0	-4104.1
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5012	10.3	105101.1	-4130.5	5102	9.8	110000.4	-4134.9	5192	10.4	110715.4	-4130.8	5282	10.2	111254.5	-4116.5
5013	9.7	105105.1	-4109.9	5103	8.0	110004.4	-4113.9	5193	10.0	110719.4	-4125.0	5283	9.9	111256.0	-4107.9
5014	10.1	105115.1	-4153.5	5104	10.5	110009.4	-4125.2	5194	10.5	110720.4	-4104.1	5284	10.6	111302.0	-4115.0
5015	10.3	105118.1	-4147.3	5105	10.6	110011.9	-4102.8	5195	10.6	110739.4	-4145.1	5285	9.9	111303.0	-4115.7
5016	9.9	105120.6	-4108.3	5106	9.6	110028.4	-4144.1	5196	10.6	110741.2	-4101.4	5286	10.2	111313.0	-4125.4

-41 5287 11h13m

5287 10.0 111318.4 -4157.4	5377 10.4 112227.2 -4120.7	5467 9.3 113125.6 -4112.6	5557 10.2 113942.4 -4125.3
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5334 9.8 111746.0 -4146.1	5424 10.6 112657.0 -4131.7	5514 9.0 113539.4 -4148.0	5604 10.4 114504.3 -4108.8
5335 10.4 111747.6 -4122.0	5425 9.3 112700.6 -4126.9	5515 9.8 113549.4 -4138.1	5605 10.6 114508.4 -4157.0
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5337 10.6 111751.0 -4104.3	5427 9.6 112716.6 -4136.8	5517 10.2 113557.3 -4141.8	5607 9.3 114516.4 -4152.6
5338 8.4 111757.0 -4115.2	5428 10.4 112724.6 -4146.7	5518 9.0 113606.3 -4113.8	5608 10.6 114518.6 -4147.9
5339 10.2 111759.0 -4123.8	5429 10.2 112759.2 -4133.7	5519 9.8 113608.1 -4119.5	5609 9.0 114520.0 -4149.5
5340 9.5 111806.3 -4121.4	5430 10.6 112815.6 -4102.8	5520 9.2 113618.9 -4153.1	5610 9.0 114520.3 -4120.7
5341 6.2 111823.7 -4159.0	5431 9.6 112815.6 -4132.8	5521 10.2 113619.4 -4104.9	5611 10.2 114532.9 -4120.2
5342 10.6 111839.0 -4116.8	5432 10.6 112823.6 -4100.1	5522 8.2 113621.3 -4124.7	5612 10.2 114536.9 -4146.0
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5346 10.6 111910.0 -4146.8	5436 10.6 112839.2 -4115.3	5526 10.0 113653.6 -4148.4	5616 10.2 114641.3 -4147.7
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5348 10.0 111916.5 -4143.9	5438 10.2 112851.3 -4159.5	5528 9.9 113658.6 -4106.8	5618 9.2 114644.4 -4144.9
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5350 10.3 111918.8 -4123.3	5440 10.6 112902.1 -4110.2	5530 10.6 113714.9 -4111.9	5620 9.8 114700.7 -4144.6
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5352 10.2 111923.2 -4124.5	5442 10.6 112906.1 -4150.1	5532 9.2 113729.1 -4144.7	5622 10.6 114712.9 -4157.3
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5355 8.4 111932.0 -4159.1	5445 10.4 112924.6 -4119.9	5535 10.6 113749.9 -4101.0	5625 9.7 114807.2 -4114.4
5356 10.3 111941.5 -4112.3	5446 10.6 112929.6 -4118.1	5536 10.6 113759.4 -4119.1	5626 8.2 114811.4 -4120.9
5357 10.6 111952.7 -4145.8	5447 10.2 112936.6 -4159.5	5537 10.6 113806.8 -4132.3	5627 9.9 114818.9 -4108.6
5358 10.6 112003.0 -4135.0	5448 10.6 112939.1 -4157.6	5538 10.2 113810.4 -4126.0	5628 9.0 114820.4 -4134.6
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5364 10.6 112029.5 -4142.1	5454 10.4 113002.6 -4155.1	5544 10.6 113832.4 -4105.1	5634 10.2 114857.0 -4107.6
5365 10.6 112033.5 -4129.7	5455 10.4 113009.1 -4157.8	5545 10.2 113838.3 -4134.3	5635 9.5 114857.0 -4159.9
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5367 10.2 112037.3 -4120.5	5457 10.0 113023.6 -4148.6	5547 10.6 113859.4 -4122.1	5637 9.6 114910.4 -4145.2
5368 10.6 112039.0 -4141.7	5458 10.0 113037.1 -4140.2	5548 10.6 113859.9 -4117.0	5638 9.5 114911.9 -4137.8
5369 9.9 112106.3 -4118.7	5459 10.0 113042.1 -4106.0	5549 9.9 113909.4 -4144.0	5639 9.4 114914.7 -4103.9
5370 10.6 112113.5 -4128.4	5460 10.4 113051.1 -4126.9	5550 10.4 113910.0 -4135.6	5640 9.9 114928.7 -4114.2
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5372 9.4 112137.2 -4127.7	5462 9.8 113109.2 -4143.0	5552 8.4 113920.4 -4123.0	5642 9.2 114943.7 -4145.0
5373 9.2 112138.6 -4102.1	5463 10.6 113109.6 -4145.3	5553 10.6 113921.3 -4131.8	5643 10.2 114948.1 -4113.0
5374 10.2 112148.6 -4109.9	5464 10.6 113118.6 -4117.8	5554 10.4 113921.4 -4138.3	5644 9.9 114953.3 -4158.4
5375 9.6 112149.6 -4152.9	5465 10.6 113121.6 -4101.9	5555 10.6 113926.4 -4149.3	5645 10.2 115000.3 -4120.1
5376 9.8 112207.5 -4112.3	5466 8.9 113122.6 -4143.2	5556 10.6 113926.9 -4138.9	5646 10.0 115032.2 -4103.0

-41 5646 11h50m

-41 5647 11h50m

-41 6006 12h31m

5647	10.2	115046.2	-4155.3	5737	9.8	120159.0	-4110.5	5827	10.4	121401.8	-4126.1
5648	10.2	115105.2	-4143.2	5738	10.2	120207.0	-4154.2	5828	9.8	121414.2	-4135.6
5649	9.8	115127.1	-4133.0	5739	9.6	120217.0	-4111.6	5829	10.4	121415.3	-4150.8
5650	10.2	115158.2	-4157.3	5740	9.7	120229.9	-4158.8	5830	10.1	121415.8	-4107.1
5651	9.8	115208.2	-4133.9	5741	9.8	120259.9	-4137.1	5831	9.3	121416.3	-4147.7
5652	9.8	115213.2	-4112.2	5742	10.2	120302.0	-4108.1	5832	7.5	121430.6	-4152.1
5653	8.8	115214.2	-4113.0	5743	9.2	120321.0	-4132.2	5833	10.4	121433.3	-4149.7
5654	9.0	115222.7	-4103.1	5744	10.2	120323.5	-4117.8	5834	9.6	121434.6	-4109.7
5655	8.3	115230.7	-4110.7	5745	9.0	120329.0	-4133.0	5835	9.8	121455.8	-4114.2
5656	9.7	115236.1	-4113.8	5746	10.2	120333.5	-4105.4	5836	9.7	121500.1	-4145.0
5657	9.8	115248.7	-4103.6	5747	9.8	120346.0	-4138.4	5837	10.3	121520.3	-4144.1
5658	10.2	115254.3	-4144.4	5748	9.8	120349.5	-4143.8	5838	9.1	121527.9	-4131.4
5659	9.5	115301.1	-4137.6	5749	9.1	120413.5	-4120.1	5839	9.2	121540.4	-4104.6
5660	9.6	115301.1	-4137.8	5750	9.9	120430.0	-4102.8	5840	9.0	121542.4	-4133.9
5661	9.4	115303.7	-4134.4	5751	10.0	120438.0	-4115.7	5841	9.4	121542.5	-4140.6
5662	10.0	115327.7	-4113.8	5752	10.0	120451.7	-4130.4	5842	10.4	121555.9	-4148.6
5663	9.8	115330.2	-4123.7	5753	9.8	120454.0	-4149.6	5843	9.4	121558.4	-4118.6
5664	8.5	115332.2	-4103.4	5754	10.2	120530.5	-4128.6	5844	10.1	121602.4	-4140.3
5665	9.6	115335.7	-4110.4	5755	9.8	120556.0	-4106.8	5845	10.4	121610.4	-4105.5
5666	8.8	115337.4	-4123.7	5756	9.6	120610.0	-4114.2	5846	10.4	121617.4	-4158.4
5667	9.8	115347.9	-4147.0	5757	10.2	120615.5	-4112.0	5847	10.4	121628.4	-4159.7
5668	10.0	115352.2	-4131.3	5758	10.0	120621.0	-4110.4	5848	9.6	121638.4	-4153.6
5669	9.5	115408.2	-4141.3	5759	10.0	120633.0	-4151.0	5849	10.2	121643.5	-4158.0
5670	10.2	115418.2	-4107.0	5760	8.4	120643.0	-4106.4	5850	7.9	121648.4	-4109.2
5671	9.9	115422.7	-4122.2	5761	9.4	120712.0	-4143.5	5851	10.4	121650.4	-4153.2
5672	10.2	115425.7	-4101.7	5762	10.2	120712.0	-4130.2	5852	9.8	121703.4	-4126.1
5673	9.9	115439.2	-4152.5	5763	9.9	120718.0	-4115.6	5853	9.8	121712.4	-4147.0
5674	10.2	115433.3	-4126.5	5764	10.2	120737.3	-4152.2	5854	9.1	121715.9	-4142.4
5675	9.4	115459.7	-4142.9	5765	9.3	120738.0	-4102.2	5855	10.0	121716.4	-4146.8
5676	9.4	115510.2	-4121.5	5766	9.5	120745.0	-4135.0	5856	9.7	121720.4	-4103.0
5677	9.8	115516.2	-4144.1	5767	9.8	120753.0	-4134.0	5857	9.8	121725.4	-4126.8
5678	10.2	115512.9	-4115.5	5768	9.0	120754.0	-4128.0	5858	10.3	121726.4	-4107.5
5679	9.2	115516.2	-4112.2	5769	10.2	120800.0	-4154.7	5859	10.0	121728.4	-4150.6
5680	7.8	115521.2	-4107.9	5770	9.4	120808.0	-4134.8	5860	10.2	121730.2	-4103.0
5681	9.8	115532.2	-4136.0	5771	9.9	120822.5	-4133.8	5861	10.4	121741.4	-4137.2
5682	9.9	115535.2	-4129.7	5772	9.2	120835.5	-4133.8	5862	10.3	121745.9	-4105.1
5683	10.0	115540.2	-4147.8	5773	9.0	120847.5	-4148.2	5863	10.4	121752.4	-4149.0
5684	9.8	115544.2	-4105.2	5774	9.0	120849.5	-4150.8	5864	9.6	121759.2	-4122.2
5685	9.8	115550.2	-4155.5	5775	10.2	120850.5	-4138.9	5865	10.4	121804.4	-4149.0
5686	10.2	115550.2	-4136.9	5776	7.8	120901.5	-4112.8	5866	10.2	121816.5	-4151.3
5687	10.0	115609.2	-4108.5	5777	9.2	120901.6	-4142.8	5867	10.1	121819.2	-4116.9
5688	9.0	115618.0	-4105.5	5778	9.7	120909.3	-4122.8	5868	10.1	121830.4	-4107.8
5689	10.2	115627.9	-4157.3	5779	10.2	120917.3	-4153.7	5869	7.3	121831.4	-4149.2
5690	8.5	115631.9	-4128.3	5780	9.6	120919.8	-4135.5	5870	10.1	121848.4	-4159.0
5691	10.0	115635.7	-4116.0	5781	10.0	120919.9	-4136.0	5871	9.8	121848.4	-4109.8
5692	10.2	115639.0	-4156.8	5782	9.8	120920.7	-4101.0	5872	10.3	121855.1	-4159.8
5693	9.4	115640.9	-4116.0	5783	10.2	120923.3	-4149.6	5873	10.3	121859.4	-4136.7
5694	9.6	115649.6	-4158.2	5784	9.0	120940.8	-4154.7	5874	10.4	121900.2	-4150.1
5695	9.6	115652.9	-4133.0	5785	9.7	120942.9	-4117.3	5875	9.8	121903.4	-4114.1
5696	10.2	115700.9	-4117.5	5786	10.0	120945.8	-4124.4	5876	9.8	121903.4	-4145.2
5697	10.0	115702.4	-4106.6	5787	8.4	120952.8	-4114.3	5877	10.4	121921.4	-4110.4
5698	10.0	115707.0	-4132.6	5788	9.7	120957.9	-4143.2	5878	10.4	121935.3	-4118.3
5699	9.7	115707.0	-4146.2	5789	9.6	120957.9	-4147.7	5879	10.0	121940.1	-4129.2
5700	6.1	115711.9	-4144.2	5790	10.0	120959.9	-4129.5	5880	10.2	121952.6	-4152.1
5701	9.8	115715.4	-4134.3	5791	9.5	121006.9	-4105.7	5881	10.4	121959.3	-4148.7
5702	9.9	115719.9	-4108.2	5792	9.6	121009.3	-4118.6	5882	10.4	122000.6	-4151.2
5703	9.2	115739.9	-4148.4	5793	9.6	121009.8	-4151.3	5883	9.8	122004.5	-4106.2
5704	8.2	115740.2	-4100.8	5794	10.2	121009.9	-4125.6	5884	10.3	122008.1	-4120.8
5705	9.6	115741.7	-4128.0	5795	10.2	121029.3	-4155.0	5885	10.4	122028.3	-4120.9
5706	10.2	115749.9	-4124.6	5796	10.2	121034.8	-4117.4	5886	10.4	122028.6	-4143.5
5707	9.7	115751.9	-4155.0	5797	9.4	121050.3	-4145.1	5887	10.1	122032.5	-4104.9
5708	10.2	115759.9	-4118.7	5798	10.2	121056.8	-4109.8	5888	10.4	122048.7	-4115.5
5709	9.9	115812.9	-4129.6	5799	9.6	121101.8	-4125.5	5889	10.0	122049.6	-4132.8
5710	10.2	115830.4	-4146.6	5800	10.2	121104.3	-4108.8	5890	10.3	122050.5	-4152.3
5711	9.6	115900.4	-4107.5	5801	9.8	121110.8	-4105.4	5891	10.4	122058.3	-4115.5
5712	8.8	115903.9	-4141.1	5802	9.7	121111.3	-4140.6	5892	10.4	122059.1	-4146.1
5713	10.2	115907.4	-4131.6	5803	9.8	121114.3	-4114.0	5893	9.8	122100.3	-4155.7
5714	9.3	115908.9	-4142.1	5804	9.9	121116.1	-4152.1	5894	9.6	122109.1	-4142.1
5715	10.0	115911.4	-4106.6	5805	10.0	121117.7	-4127.5	5895	9.8	122109.6	-4131.3
5716	10.2	115937.2	-4134.4	5806	10.2	121120.8	-4118.2	5896	10.4	122128.6	-4149.3
5717	9.9	115944.9	-4111.6	5807	9.7	121128.2	-4110.9	5897	9.8	122129.6	-4147.4
5718	9.3	115948.9	-4103.8	5808	8.6	121155.7	-4143.7	5898	9.7	122143.1	-4108.8
5719	10.2	120009.9	-4106.0	5809	9.8	121209.2	-4105.9	5899	9.2	122144.1	-4130.2
5720	9.5	120010.4	-4143.4	5810	10.0	121209.6	-4157.8	5900	9.8	122152.6	-4130.5
5721	10.2	120029.6	-4159.6	5811	9.2	121216.7	-4106.7	5901	10.0	122152.6	-4120.0
5722	9.8	120030.9	-4128.2	5812	10.2	121221.7	-4136.9	5902	9.8	122152.6	-4148.8
5723	10.2	120049.9	-4153.0	5813	9.4	121248.8	-4143.2	5903	9.8	122154.6	-4111.7
5724	10.0	120054.0	-4155.0	5814	10.2	121249.2	-4136.6	5904	9.5	122202.6	-4116.0
5725	10.2	120059.9	-4113.5	5815	10.2	121254.0	-4155.6	5905	10.0	122212.1	-4110.5
5726	9.7	120101.9	-4157.6	5816	10.2	121254.2	-4136.6	5906	10.4	122216.6	-4103.1
5727	10.2	120109.9	-4142.9	5817	9.7	121305.9	-4152.5	5907	9.4	122216.6	-4152.1
5728	9.9	120112.4	-4129.7	5818	10.2	121311.0	-4122.0	5908	10.0	122220.6	-4122.4
5729	9.8	120115.4	-4145.2	5819	9.6	121317.9	-4121.0	5909	9.8	122238.6	-4128.4
5730	9.8	120125.0	-4116.0	5820	8.6	121319.4	-4148.0	5910	9.6	122241.5	-4157.8
5731	8.9	120125.0	-4138.3	5821	9.7	121323.3	-4102.8	5911	9.8	122246.6	-4141.4
5732	10.2	120139.0	-4123.0	5822	10.2	121328.5	-4114.7	5912	9.2	122247.6	-4114.9
5733	9.8	120139.0	-4118.6	5823	9.0	121328.6	-4115.0	5913	9.2	122252.6	-4128.6
5734	10.0	120141.7	-4111.0	5824	10.4	121329.4	-4117.7	5914	10.3	122259.6	-4104.2
5735	8.6	120141.7	-4106.8	5825	10.3	121343.3	-4154.0	5915	10.4	122307.6	-4128.6
5736	10.2	120148.0	-4143.5	5826	10.3	121350.3	-4132.2	5916	9.7	122308.6	-4109.3
5917	10.1	122315.3	-4137.0								
5918	7.6	122316.8	-4102.7								
5919	9.8	122318.7	-4110.8								
5920	10.4	122327.7	-4116.9								
5921	9.8	122328.7	-4138.6								
5922	8.4	122329.7	-4113.9								
5923	9.7	122331.7	-4106.1								
5924	10.4	122334.7	-4122.8								
5925	9.6	122336.7	-4115.2								
5926	10.0	122344.3	-4122.5								
5927	9.7	122345.6	-4156.3								
5928	10.0	122348.7	-4110.5								
5929	10.4	122351.7	-4149.9								
5930	10.0	122401.3	-4144.3								
5931	9.6	122403.7	-4106.2								
5932	10.4	122410.3	-4131.5								
5933	9.1	122410.3	-4124.5								
5934	10.4	122434.6	-4111.2								
5935	9.4	122439.7	-4143.1								
5936	10.1	122444.7	-4106.7								
5937	9.6	122448.7	-4140.7								
5938	9.8	122457.7	-4127.3								
5939	9.8	122458.7	-4115.7								
5940	10.0	122459.3	-4151.3								
5941	9.8	122508.7	-4135.6								
5942	10.0	122518.7	-4100.7								
5943	10.0	122520.7	-4131.0								
5944	9.7	122531.6	-4136.3								
5945	9.8	122533.7	-4102.2								
5946	10.4	122538.7	-4159.5								
5947	10.4	122542.7	-4143.1								
5948	10.0	122548.2	-4100.7								
5949	10.4	122548.7	-4103.8								
5950	9.4	122552.7	-4102.4								
5951	10.4	122606.2	-4140.9								
5952	9.8	122608.7	-4143.2								
5953	10.4	122621.6	-4149.1								
5954	9.7	122628.2	-4159.5								
5955	10.3	122629.1	-4101.1								
5956	10.3	122629.7	-4101.3								
5957	10.0	122647.7	-4105.8								
5958	10.4	122648.7	-4105.1								
5959	10.0	122651.6	-4121.1								
5960	8.1	122658.5	-4115.7								
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5962	9.8	122704.9	-4111.3								
5963	10.4	122704.9	-4112.7								
5964	9.8	122705.4	-4125.3								
5965	10.4	122708.4	-4133.3								
5966	10.1	122709.9	-4128.2								
5967	10.1	122734.7	-4153.8								
5968	10.2	122736.4	-4112.1								
5969	9.2	122738.9	-4109.3								
5970	10.3	122819.4	-4144.5								
5971	10.4	122820.9	-4135.2								
5972	10.1	122821.9	-4102.3								
5973	8.7	122829.1	-4159.1								
5974	9.3	122836.9	-4117.5								
5975	9.8	122841.9	-4123.0								
5976	9.4	122843.4	-4128.9								
5977	10.3	122850.9	-4148.1								
5978	10.4	122852.8	-4120.9								
5979	10.4	122853.4	-4154.0								
5980	10.4	122854.4	-4151.5								
5981	9.7	122913.4	-4106.9								
5982	10.2	122920.4	-4134.7								
5983	8.2	122920.4	-4137.3								
5984	10.4	122921.9	-4129.0								
5985	10.4	122938.9	-4152.5								
5986	9.6	122940.9	-4133.3								
5987	9.8	122944.9	-4143.4								
5988	10.3	122947.4	-4129.3								
5989	10.2	122957.4	-4112.3								
5990	10.2	123000.4	-4101.7								
5991	9.8	123008.9	-4156.2								
5992	10.3	123018.8	-4144.7								
5993	10.1	123019.5	-4155.5								
5994	10.3	123021.4	-4119.6								
5995	8.8	123021.8	-4118.3								
5996	10.4	123031.9	-4140.3								
5997	8.4	123036.9	-4120.3								
5998	9.2	123038.9	-4155.0								
5999	10.4	123040.9	-4105.7								
6000	10.4	123041.9	-4153.2								
6001	9.8	123048.9	-4107.1								
6002	10.3	123057.9	-4109.3								
6003	10.1	123102.2	-4159.2								
6004	10.3	123105.5	-4117.9								
6005	10.4	123111.0	-4111.3								
6006	10.3	123117.5	-4137.2								

6007	10.3	123149.0	-4138.0	6097	9.9	124100.4	-4149.9	6187	9.5	125551.2	-4155.2	6277	9.6	130831.1	-4124.4
6008	8.4	123201.0	-4145.6	6098	10.4	124113.7	-4156.0	6188	9.9	125558.5	-4154.8	6278	8.8	130837.1	-4123.6
6009	10.1	123209.0	-4142.9	6099	9.8	124127.4	-4156.7	6189	8.9	125601.5	-4107.0	6279	10.2	130917.6	-4128.0
6010	9.7	123210.0	-4153.6	6100	7.8	124213.5	-4157.1	6190	10.5	125614.6	-4143.5	6280	10.0	130934.6	-4129.9
6011	10.4	123219.0	-4157.6	6101	10.5	124256.5	-4118.4	6191	9.9	125631.5	-4148.4	6281	10.0	130947.6	-4105.6
6012	10.4	123219.5	-4105.6	6102	9.8	124305.9	-4116.7	6192	10.0	125638.5	-4102.2	6282	9.8	131025.1	-4110.8
6013	10.4	123228.0	-4150.6	6103	10.5	124312.9	-4153.7	6193	9.8	125639.5	-4101.2	6283	9.8	131048.1	-4101.0
6014	10.1	123231.6	-4157.2	6104	10.5	124320.9	-4157.9	6194	8.8	125711.5	-4154.4	6284	9.1	131051.1	-4103.4
6015	8.7	123238.6	-4109.8	6105	10.5	124321.3	-4106.2	6195	10.0	125714.5	-4150.0	6285	10.3	131055.1	-4106.0
6016	9.3	123245.5	-4103.1	6106	9.5	124328.4	-4113.5	6196	9.9	125719.5	-4138.4	6286	10.0	131113.2	-4110.8
6017	9.0	123252.6	-4141.2	6107	10.4	124329.7	-4102.2	6197	10.5	125724.5	-4112.3	6287	9.1	131118.6	-4123.2
6018	10.1	123305.5	-4121.8	6108	9.8	124331.4	-4150.1	6198	10.4	125733.5	-4122.3	6288	9.8	131125.1	-4136.4
6019	10.4	123307.0	-4159.0	6109	8.4	124337.4	-4113.5	6199	10.4	125738.5	-4121.0	6289	10.0	131139.7	-4125.4
6020	9.6	123308.5	-4100.0	6110	8.4	124338.0	-4100.9	6200	10.5	125742.5	-4105.4	6290	9.8	131146.6	-4119.8
6021	10.0	123314.5	-4148.2	6111	9.8	124339.4	-4117.1	6201	10.0	125749.5	-4127.9	6291	9.4	131209.7	-4121.0
6022	10.3	123318.5	-4135.0	6112	10.1	124344.4	-4154.2	6202	10.3	125802.5	-4113.0	6292	9.6	131219.1	-4153.0
6023	8.9	123320.6	-4115.3	6113	9.9	124407.7	-4138.1	6203	10.3	125807.5	-4116.2	6293	10.0	131224.6	-4120.1
6024	10.1	123337.6	-4111.5	6114	9.9	124418.0	-4144.1	6204	8.9	125809.5	-4106.0	6294	9.4	131225.6	-4111.3
6025	10.1	123339.0	-4103.0	6115	9.8	124438.4	-4139.8	6205	10.2	125819.5	-4106.4	6295	9.6	131231.6	-4122.6
6026	9.8	123349.0	-4119.8	6116	9.4	124438.4	-4122.0	6206	10.4	125827.5	-4151.2	6296	9.0	131235.6	-4129.7
6027	9.8	123400.5	-4140.2	6117	9.5	124448.7	-4121.1	6207	9.2	125834.5	-4111.2	6297	8.6	131246.1	-4108.0
6028	10.0	123404.6	-4152.4	6118	10.4	124609.4	-4125.2	6208	9.9	125838.5	-4106.8	6298	9.8	131302.1	-4113.0
6029	10.1	123404.6	-4138.1	6119	10.5	124616.9	-4116.6	6209	9.8	125850.5	-4141.7	6299	10.2	131309.5	-4135.0
6030	9.3	123406.6	-4141.5	6120	9.9	124631.4	-4129.4	6210	10.0	125906.5	-4137.0	6300	10.4	131324.9	-4142.7
6031	9.8	123417.5	-4110.0	6121	9.6	124634.4	-4150.7	6211	10.1	125918.5	-4157.1	6301	9.8	131333.0	-4119.4
6032	9.4	123420.5	-4140.6	6122	10.4	124644.4	-4104.5	6212	9.4	125922.5	-4123.4	6302	9.8	131342.4	-4149.6
6033	10.3	123448.0	-4140.8	6123	10.5	124648.3	-4105.9	6213	10.3	125929.6	-4152.0	6303	10.0	131352.4	-4129.2
6034	10.3	123449.1	-4124.4	6124	10.1	124711.4	-4133.3	6214	9.9	125930.5	-4128.0	6304	10.4	131406.9	-4151.2
6035	10.3	123504.1	-4124.6	6125	8.8	124735.9	-4143.9	6215	9.6	125939.5	-4144.4	6305	10.4	131429.8	-4137.4
6036	9.8	123507.0	-4155.5	6126	10.5	124737.4	-4107.9	6216	10.3	125944.5	-4114.0	6306	9.0	131429.9	-4128.5
6037	9.8	123519.5	-4123.0	6127	10.2	124748.4	-4134.0	6217	10.2	125950.5	-4110.4	6307	9.0	131430.4	-4157.9
6038	10.4	123529.6	-4125.6	6128	10.2	124802.7	-4140.6	6218	9.8	130001.0	-4125.8	6308	9.6	131432.9	-4152.5
6039	10.4	123532.6	-4125.1	6129	10.4	124808.5	-4149.9	6219	9.9	130019.5	-4122.5	6309	10.4	131502.4	-4132.4
6040	9.8	123533.5	-4132.4	6130	7.2	124809.4	-4136.7	6220	9.1	130026.0	-4122.4	6310	9.8	131507.4	-4159.8
6041	9.8	123535.7	-4130.1	6131	10.5	124814.9	-4110.0	6221	10.2	130029.5	-4118.0	6311	10.2	131509.4	-4114.9
6042	10.4	123544.7	-4149.1	6132	10.0	124830.4	-4148.0	6222	10.3	130033.0	-4115.4	6312	9.2	131519.6	-4157.7
6043	9.8	123546.7	-4144.1	6133	9.9	124832.5	-4122.1	6223	9.9	130036.5	-4112.6	6313	9.1	131524.9	-4121.3
6044	9.6	123548.7	-4129.0	6134	10.5	124834.4	-4159.1	6224	9.9	130038.5	-4140.4	6314	10.4	131526.0	-4101.6
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6046	10.2	123557.2	-4148.8	6136	10.5	124851.4	-4147.0	6226	9.2	130046.0	-4114.3	6316	10.3	131547.5	-4121.5
6047	9.8	123559.7	-4123.8	6137	10.5	124854.4	-4147.1	6227	10.5	130056.8	-4100.7	6317	10.3	131617.9	-4114.0
6048	9.8	123609.2	-4123.0	6138	10.5	124905.4	-4106.0	6228	9.6	130057.0	-4131.0	6318	8.0	131620.4	-4152.7
6049	10.0	123617.5	-4158.2	6139	10.3	124907.9	-4102.3	6229	10.4	130104.5	-4120.3	6319	9.6	131628.4	-4114.3
6050	10.4	123617.7	-4150.7	6140	9.4	124916.7	-4128.5	6230	10.5	130105.5	-4150.4	6320	9.4	131640.9	-4129.0
6051	10.3	123625.2	-4109.7	6141	10.5	124925.0	-4114.0	6231	9.8	130107.5	-4117.0	6321	7.8	131645.7	-4114.9
6052	9.2	123626.0	-4125.6	6142	9.8	124930.4	-4117.7	6232	10.4	130114.5	-4114.4	6322	9.6	131654.9	-4139.0
6053	9.3	123627.2	-4111.5	6143	9.9	124943.7	-4127.4	6233	9.9	130116.5	-4131.6	6323	8.9	131702.9	-4108.8
6054	9.8	123629.2	-4121.6	6144	8.1	124952.4	-4114.1	6234	10.2	130123.8	-4110.0	6324	10.3	131704.9	-4150.2
6055	9.4	123638.2	-4157.7	6145	9.8	124958.3	-4100.2	6235	9.4	130132.5	-4111.8	6325	10.3	131711.9	-4149.7
6056	10.1	123701.2	-4154.0	6146	9.4	125001.4	-4150.4	6236	10.4	130133.0	-4106.8	6326	10.4	131716.7	-4100.2
6057	10.4	123703.7	-4122.6	6147	10.2	125001.4	-4104.2	6237	10.1	130145.5	-4113.5	6327	9.8	131736.4	-4146.7
6058	10.4	123707.7	-4158.7	6148	10.2	125009.9	-4104.8	6238	9.9	130204.5	-4111.4	6328	9.2	13.749.5	-4109.1
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6060	10.4	123719.2	-4151.8	6150	10.2	125041.5	-4112.5	6240	9.6	130221.5	-4131.9	6330	10.4	131759.9	-4133.3
6061	10.4	123721.7	-4145.0	6151	10.3	125049.5	-4108.8	6241	10.1	130228.5	-4155.5	6331	8.3	131815.4	-4113.7
6062	9.3	123723.7	-4150.1	6152	10.2	125049.5	-4110.3	6242	10.5	130245.5	-4151.0	6332	10.0	131829.5	-4125.1
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6064	9.3	123730.7	-4128.2	6154	10.3	125123.5	-4159.2	6244	8.3	130258.0	-4133.1	6334	10.4	131840.4	-4101.4
6065	10.2	123744.7	-4142.1	6155	10.1	125129.5	-4125.5	6245	10.5	130304.5	-4127.2	6335	9.8	131849.5	-4100.8
6066	9.3	123749.2	-4145.4	6156	9.4	125159.5	-4150.7	6246	9.8	130306.5	-4135.6	6336	10.2	131849.9	-4127.1
6067	10.4	123749.2	-4115.6	6157	8.8	125231.5	-4119.2	6247	10.5	130318.5	-4118.2	6337	10.3	131902.4	-4142.7
6068	10.3	123749.2	-4146.9	6158	9.6	125237.8	-4113.5	6248	9.8	130319.5	-4118.6	6338	8.4	131914.4	-4111.9
6069	10.1	123753.2	-4143.1	6159	9.6	125241.5	-4112.0	6249	10.4	130319.5	-4102.6	6339	9.8	131919.8	-4144.0
6070	9.6	123757.7	-4145.1	6160	10.1	125242.5	-4119.7	6250	10.3	130357.5	-4136.1	6340	8.8	131926.4	-4154.2
6071	9.5	123758.7	-4136.6	6161	8.9	125251.5	-4153.1	6251	10.3	130401.5	-4145.3	6341	10.4	131946.8	-4135.7
6072	10.2	123759.2	-4108.2	6162	9.4	125259.5	-4122.8	6252	6.9	130402.0	-4133.9	6342	10.3	131947.3	-4152.3
6073	9.6	123759.7	-4150.6	6163	9.4	125259.9	-4156.9	6253	9.6	130422.5	-4139.0	6343	9.1	131949.8	-4128.5
6074	10.0	123800.7	-4105.7	6164	10.1	125303.5	-4104.6	6254	9.2	130429.5	-4124.5	6344	9.6	131956.4	-4145.2
6075	10.4	123807.7	-4119.2	6165	9.8	125310.5	-4101.9	6255	9.9	130439.5	-4120.2	6345	10.0	132000.4	-4114.8
6076	9.6	123807.7	-4147.2	6166	7.7	125317.5	-4149.6	6256	9.9	130454.5	-4127.3	6346	9.1	132026.3	-4128.1
6077	9.6	123809.2	-4132.1	6167	9.4	125327.0	-4124.1	6257	10.5	130503.0	-4157.4	6347	10.0	132029.8	-4110.1
6078	9.8	123809.2	-4112.6	6168	9.6	125337.5	-4103.4	6258	10.1	130516.0	-4137.0	6348	10.4	132039.3	-4155.8
6079	9.7	123817.2	-4155.0	6169	9.8	125338.5	-4144.6	6259	10.1	130519.5	-4121.3	6349	9.6	132040.8	-4120.3
6080	10.3	123822.7	-4125.9	6170	10.2	125359.5	-4114.0	6260	9.0	130525.0	-4153.3	6350	9.8	132040.8	-4113.6
6081	10.0	123839.2	-4100.1	6171	9.8	125359.9	-4146.0	6261	10.5	130533.5	-4105.4	6351	9.8	132054.8	-4120.7
6082	9.8	123849.7	-4146.5	6172	10.5	125401.5	-4103.2	6262	8.3	130539.5	-4100.1	6352	9.6	132100.4	-4103.4
6083	9.1	123851.8	-4139.9	6173	9.9	125406.0	-4157.9	6263	10.3	130546.5	-4104.9	6353	10.0	132107.8	-4138.1
6084	9.8	123854.8	-4108.5	6174	10.0	125407.5	-4118.4	6264	9.5	130600.8	-4134.9	6354	8.8	132108.4	-4119.4
6085	10.4	123859.5	-4143.5	6175	10.4	125411.5	-4119.1	6265	9.5	130609.8	-4102.6	6355	10.0	132109.4	-4140.4
6086	10.2	123900.3	-4157.4	6176	9.6	125429.0	-4149.6	6266	9.4	130613.6	-4105.2	6356	10.0	132124.3	-4122.7
6087	9.8	123904.7	-4132.7	6177	9.8	125437.5	-4104.1	6267	9.4	130621.7	-4118.7	6357	10.4	132129.4	-4119.9
6088	9.4	123907.7	-4150.8	6178	9.8	125449.5	-4107.1	6268	8.9	130624.8	-4127.6	6358	10.4	132131.8	-4121.4
6089	9.0	123914.8	-4123.2	6179	9.9	125451.5	-4155.6	6269	10.5	130708.7	-4153.6	6359	10.2	132150.8	-4143.5
6090	10.4	123937.8	-4138.7	6180	9.8	125458.0	-4111.7	6270	10.5	130709.5	-4157.8	6360	10.4	132153.1	-4149.6
6091	8.5	124011.8	-4124.3	6181	10.3	125502.0	-4142.1	6271	7.5	130727.8	-4132.2	6361	9.0	132217.5	-4101.6
6092	10.2	124013.6	-4149.1	6182	9.8	125503.5	-4147.6	6272	10.3	130801.6	-4106.7	6362	9.0	132220.3	-4116.0
6093	10.5	124017.6	-4125.9	6183	9.8	125509.5	-4148.9	6273	9.1	130801.9	-4100.5	6363	10.4	132235.3	-4135.8
6094	9.6	124020.8	-4153.0	6184	10.0	125536.5	-4106.1	6274	10.4	130820.1	-4141.0	6364	9.8	132252.8	-4126.7
6095	9.4	124037.4	-4124.4	6185	9.6	125548.0	-4141.7	6275	10.3	130825.6	-4118.6	6365	10.3	132312.3	-4110.5
6096	10.0	124059.4	-4106.4	6186	10.5	125550.6	-4134.8	6276	9.6	130827.1	-4118.9	6366	9.6	132317.6	-4159.0

-41 6367 13h23m

-41 6726 14h13m

6367	10.4	132324.3	-4105.5	6457	9.2	133819.2	-4127.4	6547	8.6	134913.8	-4158.3	6637	9.4	135920.2	-4157.2
6368	9.0	132335.1	-4101.0	6458	10.2	133823.3	-4142.8	6548	9.9	134915.8	-4152.3	6638	9.2	135923.2	-4124.6
6369	9.6	132339.8	-4139.3	6459	9.8	133830.3	-4143.0	6549	10.0	134919.8	-4140.5	6639	9.8	135925.5	-4156.4
6370	8.2	132349.8	-4112.5	6460	10.2	133837.3	-4135.1	6550	9.8	134921.8	-4108.7	6640	10.0	135939.7	-4100.0
6371	9.4	132356.3	-4146.6	6461	9.5	133838.3	-4125.2	6551	8.8	134924.0	-4116.5	6641	10.2	135946.5	-4100.7
6372	7.6	132401.4	-4149.1	6462	9.8	133848.3	-4133.2	6552	9.2	134924.8	-4148.8	6642	9.7	140004.7	-4140.5
6373	10.4	132414.4	-4121.4	6463	10.2	133849.2	-4117.6	6553	10.2	134925.6	-4109.1	6643	9.9	140013.0	-4135.4
6374	9.8	132424.8	-4154.3	6464	10.2	133908.8	-4107.0	6554	9.6	134929.8	-4125.1	6644	9.8	140021.1	-4146.3
6375	9.8	132438.8	-4127.1	6465	8.6	133909.8	-4138.0	6555	9.8	134945.7	-4108.1	6645	9.5	140030.7	-4133.2
6376	9.2	132450.8	-4149.3	6466	10.0	133918.3	-4141.0	6556	9.4	134946.3	-4158.5	6646	10.0	140031.7	-4137.4
6377	10.3	132459.4	-4112.2	6467	10.2	133951.0	-4113.4	6557	9.9	134951.8	-4132.7	6647	9.9	140040.7	-4126.8
6378	10.4	132500.4	-4137.1	6468	10.0	133956.5	-4137.4	6558	10.2	134958.8	-4134.5	6648	8.2	140040.7	-4127.1
6379	10.4	132504.8	-4149.9	6469	10.0	134009.0	-4120.6	6559	9.8	134959.8	-4154.7	6649	10.2	140048.7	-4147.9
6380	9.2	132509.4	-4133.7	6470	8.5	134010.4	-4103.9	6560	10.2	135000.8	-4111.8	6650	10.2	140049.7	-4131.5
6381	10.0	132535.8	-4122.2	6471	10.2	134019.4	-4119.0	6561	10.0	135005.8	-4117.5	6651	10.2	140050.7	-4147.9
6382	10.4	132543.8	-4156.0	6472	8.8	134033.0	-4122.0	6562	9.8	135009.3	-4144.9	6652	10.2	140100.6	-4101.1
6383	9.8	132547.3	-4145.6	6473	9.7	134035.5	-4101.9	6563	10.2	135023.9	-4142.6	6653	9.7	140110.7	-4102.4
6384	10.4	132550.7	-4105.0	6474	7.8	134042.4	-4133.5	6564	9.6	135039.8	-4101.9	6654	9.2	140119.5	-4113.0
6385	10.0	132615.7	-4120.3	6475	10.2	134104.0	-4142.2	6565	4.3	135041.5	-4129.3	6655	10.1	140246.5	-4141.5
6386	8.8	132619.7	-4150.5	6476	10.2	134139.0	-4159.9	6566	9.8	135044.3	-4156.2	6656	9.0	140247.5	-4121.1
6387	10.2	132620.7	-4141.8	6477	9.4	134139.4	-4146.8	6567	9.7	135047.8	-4158.8	6657	10.2	140309.0	-4116.3
6388	10.4	132627.7	-4140.1	6478	9.2	134143.0	-4126.6	6568	10.2	135051.0	-4130.3	6658	10.4	140338.5	-4151.7
6389	9.6	132641.6	-4132.5	6479	4.2	134201.0	-4103.8	6569	9.8	135054.5	-4107.5	6659	10.1	140359.0	-4113.1
6390	8.4	132703.6	-4145.6	6480	4.2	134206.5	-4151.0	6570	10.0	135100.8	-4102.0	6660	10.6	140403.5	-4112.9
6391	10.3	132710.6	-4130.9	6481	9.5	134211.1	-4110.7	6571	10.2	135109.5	-4134.0	6661	10.0	140432.5	-4120.0
6392	10.2	132711.5	-4101.9	6482	9.2	134216.3	-4147.9	6572	10.2	135111.0	-4106.6	6662	7.5	140511.5	-4103.2
6393	9.1	132715.7	-4133.0	6483	9.7	134226.3	-4145.6	6573	10.2	135131.0	-4106.6	6663	10.6	140519.0	-4140.1
6394	8.3	132717.3	-4138.5	6484	9.6	134237.3	-4133.9	6574	10.0	135133.0	-4151.6	6664	10.1	140536.6	-4133.5
6395	9.8	132719.7	-4106.6	6485	9.8	134244.3	-4124.3	6575	10.0	135148.0	-4146.4	6665	8.4	140544.0	-4152.6
6396	10.4	132739.7	-4141.1	6486	9.8	134244.8	-4124.7	6576	10.2	135155.0	-4142.5	6666	10.4	140544.8	-4103.5
6397	9.1	132739.7	-4158.6	6487	9.6	134302.8	-4117.6	6577	9.9	135157.2	-4102.0	6667	10.4	140558.5	-4147.8
6398	9.0	132759.7	-4110.2	6488	9.2	134311.8	-4112.3	6578	9.2	135203.0	-4113.1	6668	10.6	140559.0	-4153.8
6399	10.0	132801.7	-4155.3	6489	9.8	134343.3	-4140.1	6579	9.8	135205.0	-4156.6	6669	10.6	140607.0	-4122.3
6400	10.2	132806.2	-4105.0	6490	10.2	134348.3	-4131.1	6580	10.2	135207.5	-4119.3	6670	9.0	140629.0	-4135.8
6401	9.2	132808.7	-4143.1	6491	8.8	134354.3	-4111.7	6581	10.2	135219.0	-4125.0	6671	9.0	140630.5	-4118.0
6402	7.0	132901.7	-4146.5	6492	10.2	134359.2	-4159.8	6582	9.3	135219.5	-4149.6	6672	9.8	140651.5	-4138.3
6403	9.8	132945.2	-4142.5	6493	9.8	134403.3	-4113.1	6583	10.2	135220.0	-4123.2	6673	9.0	140657.0	-4132.7
6404	10.4	133026.7	-4151.0	6494	9.6	134409.3	-4124.0	6584	9.7	135222.0	-4115.6	6674	10.4	140658.5	-4121.9
6405	7.4	133028.6	-4152.7	6495	10.2	134410.3	-4138.0	6585	10.2	135227.0	-4108.7	6675	7.3	140700.0	-4115.0
6406	10.4	133050.7	-4134.9	6496	10.2	134410.3	-4147.2	6586	9.6	135232.0	-4154.8	6676	10.6	140710.0	-4123.1
6407	9.0	133057.2	-4144.9	6497	9.6	134436.8	-4141.1	6587	9.6	135238.0	-4118.4	6677	10.1	140721.0	-4117.6
6408	9.1	133107.7	-4123.1	6498	9.0	134444.3	-4144.3	6588	9.8	135241.7	-4123.4	6678	10.0	140724.5	-4138.0
6409	10.4	133113.6	-4104.2	6499	8.6	134447.1	-4159.9	6589	8.4	135305.7	-4116.0	6679	9.2	140724.5	-4135.6
6410	10.3	133113.7	-4152.2	6500	10.2	134452.9	-4158.2	6590	10.0	135311.8	-4115.0	6680	10.5	140749.0	-4108.0
6411	9.8	133200.3	-4149.8	6501	9.4	134455.5	-4144.5	6591	8.8	135312.2	-4144.5	6681	10.5	140800.0	-4121.4
6412	9.2	133204.6	-4145.0	6502	10.0	134459.5	-4103.9	6592	10.2	135319.2	-4102.8	6682	9.7	140831.0	-4134.8
6413	10.0	133208.7	-4109.2	6503	10.2	134509.5	-4126.5	6593	10.0	135342.2	-4119.0	6683	10.0	140839.0	-4113.0
6414	10.2	133209.7	-4104.9	6504	9.5	134515.0	-4125.5	6594	10.2	135350.2	-4126.6	6684	10.5	140856.5	-4140.2
6415	9.8	133210.7	-4105.2	6505	8.0	134515.5	-4151.7	6595	9.9	135352.6	-4156.6	6685	9.4	140856.5	-4105.5
6416	10.0	133226.7	-4132.6	6506	10.2	134520.5	-4131.1	6596	9.7	135400.6	-4156.6	6686	10.2	140910.5	-4138.2
6417	9.4	133234.7	-4132.6	6507	9.5	134528.4	-4150.0	6597	10.2	135401.2	-4122.6	6687	10.5	140920.1	-4147.7
6418	10.0	133247.1	-4158.9	6508	9.6	134528.7	-4122.5	6598	10.0	135414.2	-4123.9	6688	10.5	140921.4	-4145.3
6419	10.2	133257.1	-4148.0	6509	9.8	134530.5	-4152.3	6599	9.8	135416.7	-4140.6	6689	10.6	140931.0	-4124.9
6420	9.2	133319.0	-4143.1	6510	9.8	134558.4	-4110.7	6600	10.2	135420.2	-4144.9	6690	9.8	140938.3	-4100.3
6421	9.8	133338.7	-4144.3	6511	8.0	134600.1	-4100.9	6601	10.2	135422.8	-4110.0	6691	10.4	140938.5	-4101.1
6422	8.8	133345.8	-4152.1	6512	9.8	134602.4	-4119.9	6602	10.0	135423.7	-4108.3	6692	10.5	140944.0	-4116.9
6423	9.8	133350.5	-4132.7	6513	9.8	134603.4	-4116.1	6603	10.0	135431.2	-4148.8	6693	10.0	140944.4	-4108.8
6424	9.7	133355.7	-4103.3	6514	10.0	134605.5	-4124.8	6604	9.8	135431.7	-4125.0	6694	9.2	140946.7	-4135.4
6425	9.4	133419.2	-4140.8	6515	9.8	134607.0	-4153.3	6605	9.8	135440.2	-4115.2	6695	10.2	141001.2	-4101.2
6426	8.6	133428.5	-4139.6	6516	9.9	134614.5	-4100.8	6606	8.8	135441.2	-4136.2	6696	9.8	141005.7	-4144.5
6427	9.8	133433.1	-4127.1	6517	9.9	134628.5	-4103.0	6607	9.8	135443.8	-4108.5	6697	10.2	141023.2	-4132.5
6428	10.2	133448.4	-4135.9	6518	9.3	134629.5	-4134.6	6608	9.8	135449.2	-4140.6	6698	10.5	141034.4	-4115.0
6429	10.0	133459.1	-4143.1	6519	9.9	134645.8	-4159.9	6609	9.7	135501.2	-4136.3	6699	9.8	141035.0	-4103.6
6430	10.0	133509.1	-4135.6	6520	10.2	134649.0	-4103.0	6610	9.8	135501.2	-4153.1	6700	10.2	141040.4	-4106.9
6431	10.2	133516.5	-4145.4	6521	9.2	134649.5	-4119.3	6611	9.0	135505.8	-4113.7	6701	10.6	141047.0	-4150.1
6432	9.8	133527.0	-4140.8	6522	9.0	134651.5	-4105.6	6612	9.3	135508.1	-4101.0	6702	10.6	141051.8	-4158.6
6433	9.6	133527.5	-4121.7	6523	8.4	134713.6	-4147.9	6613	9.0	135510.5	-4123.0	6703	8.6	141100.1	-4139.6
6434	10.2	133530.5	-4115.8	6524	7.8	134727.5	-4157.7	6614	9.9	135520.5	-4119.8	6704	10.4	141108.0	-4151.6
6435	8.0	133531.1	-4132.9	6525	10.0	134729.8	-4102.3	6615	10.2	135550.0	-4115.1	6705	10.6	141111.0	-4112.7
6436	10.2	133538.1	-4135.8	6526	9.2	134736.3	-4156.1	6616	10.2	135554.5	-4132.4	6706	10.0	141113.5	-4113.0
6437	9.9	133539.2	-4118.2	6527	9.8	134739.8	-4104.9	6617	10.0	135559.5	-4109.7	6707	10.2	141129.0	-4130.2
6438	10.0	133549.1	-4155.5	6528	9.2	134741.7	-4156.1	6618	10.2	135609.5	-4153.3	6708	10.2	141134.4	-4132.2
6439	6.8	133613.1	-4126.2	6529	10.0	134741.8	-4145.5	6619	10.2	135616.9	-4120.4	6709	10.0	141138.5	-4141.2
6440	8.6	133624.8	-4137.0	6530	9.4	134743.8	-4111.5	6620	9.2	135626.9	-4112.0	6710	10.0	141139.0	-4133.6
6441	8.6	133624.8	-4157.2	6531	9.8	134749.3	-4127.2	6621	9.7	135630.9	-4152.8	6711	10.6	141159.5	-4138.9
6442	10.0	133631.0	-4128.0	6532	9.8	134751.8	-4108.7	6622	7.6	135632.4	-4112.5	6712	10.0	141226.4	-4114.5
6443	9.5	133642.3	-4122.8	6533	10.0	134752.3	-4134.7	6623	8.0	135642.5	-4109.8	6713	10.4	141230.4	-4137.0
6444	10.2	133644.8	-4137.4	6534	9.8	134753.3	-4141.1	6624	10.0	135650.0	-4154.2	6714	10.6	141239.0	-4154.5
6445	9.8	133645.8	-4124.2	6535	9.8	134756.8	-4137.3	6625	9.7	135704.5	-4130.3	6715	10.5	141241.5	-4119.2
6446	10.2	133650.8	-4136.5	6536	10.2	134802.8	-4116.5	6626	9.9	135706.5	-4140.2	6716	10.2	141243.5	-4137.0
6447	9.9	133703.3	-4116.6	6537	8.2	134810.7	-4122.7	6627	10.2	135719.5	-4110.0	6717	10.5	141247.4	-4100.0
6448	10.0	133710.2	-4105.5	6538	9.5	134814.0	-4122.5	6628	10.0	135744.5	-4115.4	6718	9.5	141248.5	-4124.3
6449	10.2	133715.0	-4140.8	6539	9.9	134826.8	-4101.2	6629	9.8	135752.5	-4128.8	6719	9.3	141250.5	-4146.0
6450	10.2	133715.3	-4126.1	6540	7.8	134829.8	-4147.4	6630	10.2	135755.0	-4105.0	6720	9.0	141254.4	-4148.3
6451	9.9	133717.3	-4155.6	6541	10.2	134830.7	-4151.9	6631	9.8	135813.2	-4139.5	6721	8.1	141258.5	-4152.1
6452	10.2	133720.2	-4123.9	6542	10.2	134831.8	-4119.6	6632	9.2	135838.1	-4109.9	6722	10.5	141300.5	-4134.8
6453	9.9	133727.8	-4118.6	6543	10.2	134838.8	-4132.8	6633	9.9	135839.1	-4108.8	6723	9.4	141300.5	-4141.0
6454	9.3	133730.2	-4152.0	6544	10.0	134848.5	-4102.0	6634	8.8	135859.6	-4123.0	6724	7.6	141301.1	-4150.9
6455	8.6	133750.3	-4146.7	6545	10.2	134907.8	-4106.2	6635	8.8	135859.9	-4157.3	6725	10.6	141311.0	-4157.3
6456	8.6	133756.3	-4156.0	6546	9.9	134907.8	-4147.6	6636	9.0	135902.6	-4108.7	6726	10.4	141311.4	-4110.4

-41 6727 14h13m

-41 7086 15h05m

6727	9.8	141313.5	-4120.8	6817	8.0	142501.5	-4151.0	6907	10.0	143751.4	-4139.0
6728	8.8	141324.4	-4107.8	6818	10.2	142507.6	-4117.8	6908	9.2	143806.5	-4104.7
6729	10.4	141337.4	-4121.3	6819	9.4	142513.4	-4105.2	6909	8.9	143806.5	-4137.1
6730	9.4	141341.4	-4135.6	6820	10.6	142517.2	-4116.8	6910	9.5	143824.4	-4147.7
6731	10.6	141344.5	-4157.7	6821	10.4	142528.0	-4154.3	6911	9.8	143842.4	-4133.9
6732	10.6	141359.3	-4100.5	6822	10.4	142528.6	-4116.8	6912	9.9	143853.4	-4123.7
6733	10.1	141407.5	-4134.9	6823	10.2	142533.0	-4151.3	6913	9.6	143853.9	-4120.4
6734	10.2	141427.4	-4147.9	6824	10.0	142533.2	-4122.9	6914	9.3	143909.4	-4113.2
6735	9.0	141429.4	-4126.9	6825	10.6	142535.0	-4125.5	6915	10.0	143919.4	-4125.2
6736	10.5	141430.5	-4142.7	6826	10.6	142549.0	-4135.9	6916	9.0	143933.4	-4134.0
6737	10.6	141433.7	-4145.6	6827	10.6	142549.0	-4121.8	6917	9.9	143945.3	-4159.1
6738	10.6	141455.5	-4137.5	6828	10.1	142559.0	-4117.4	6918	8.1	143957.4	-4106.2
6739	9.8	141500.0	-4137.9	6829	8.8	142609.0	-4136.5	6919	9.3	144000.4	-4152.0
6740	9.8	141500.5	-4146.1	6830	7.5	142613.2	-4132.7	6920	9.0	144004.4	-4120.1
6741	10.2	141504.0	-4113.1	6831	10.5	142613.5	-4146.1	6921	9.2	144039.9	-4134.2
6742	10.2	141507.4	-4143.9	6832	10.6	142629.0	-4134.8	6922	9.6	144107.4	-4142.8
6743	10.6	141515.2	-4111.0	6833	9.4	142629.7	-4133.4	6923	9.8	144109.3	-4157.9
6744	10.2	141518.5	-4104.6	6834	9.6	142636.2	-4100.1	6924	9.3	144111.4	-4102.4
6745	7.4	141527.5	-4140.8	6835	9.4	142637.5	-4135.2	6925	9.1	144113.5	-4123.0
6746	10.6	141530.5	-4133.2	6836	9.0	142710.0	-4155.3	6926	9.6	144149.0	-4114.9
6747	9.6	141533.5	-4143.9	6837	9.9	142711.7	-4116.4	6927	9.3	144154.5	-4112.9
6748	9.0	141538.0	-4106.2	6838	10.0	142728.5	-4157.8	6928	9.6	144200.5	-4107.1
6749	10.2	141544.4	-4141.1	6839	3.9	142735.7	-4136.5	6929	7.8	144207.0	-4119.4
6750	10.5	141549.0	-4124.3	6840	8.5	142741.4	-4138.2	6930	9.9	144213.6	-4100.1
6751	8.8	141556.4	-4143.0	6841	10.0	142748.9	-4119.3	6931	9.6	144224.5	-4154.4
6752	10.6	141609.0	-4150.9	6842	9.6	142804.9	-4146.6	6932	9.3	144237.5	-4143.9
6753	10.5	141609.4	-4131.1	6843	9.6	142814.2	-4122.7	6933	9.5	144300.5	-4143.2
6754	9.8	141614.0	-4130.3	6844	10.0	142850.4	-4151.0	6934	9.8	144309.5	-4129.7
6755	9.7	141616.4	-4148.8	6845	9.0	142855.0	-4125.6	6935	10.0	144316.0	-4151.0
6756	10.6	141638.0	-4135.1	6846	10.0	142906.0	-4131.7	6936	9.6	144316.5	-4146.7
6757	9.5	141646.4	-4115.1	6847	9.8	142908.2	-4136.4	6937	9.4	144329.5	-4152.2
6758	10.6	141653.5	-4106.3	6848	9.1	142908.9	-4112.2	6938	10.0	144329.6	-4147.7
6759	10.6	141659.5	-4126.1	6849	10.0	142949.2	-4133.9	6939	10.0	144347.3	-4101.2
6760	9.8	141701.4	-4117.0	6850	10.0	142951.4	-4149.1	6940	9.4	144350.5	-4106.4
6761	9.3	141703.5	-4134.8	6851	10.0	143008.9	-4138.8	6941	9.5	144358.5	-4105.0
6762	9.8	141740.5	-4118.3	6852	9.8	143015.2	-4108.2	6942	9.4	144407.5	-4103.0
6763	10.6	141753.4	-4120.3	6853	9.8	143026.9	-4124.8	6943	9.6	144432.0	-4133.6
6764	10.6	141757.5	-4151.1	6854	10.0	143037.2	-4129.1	6944	9.0	144433.5	-4133.5
6765	10.6	141800.4	-4122.1	6855	9.8	143043.9	-4148.6	6945	9.8	144449.5	-4148.4
6766	9.5	141809.0	-4142.5	6856	9.5	143048.9	-4113.5	6946	10.0	144451.5	-4111.0
6767	7.7	141822.5	-4145.0	6857	8.9	143048.9	-4119.1	6947	10.0	144454.5	-4138.0
6768	10.2	141824.0	-4131.9	6858	10.0	143057.9	-4137.0	6948	9.4	144502.8	-4158.8
6769	9.5	141837.0	-4145.1	6859	9.6	143106.9	-4145.4	6949	10.0	144516.8	-4147.1
6770	10.2	141840.0	-4109.0	6860	8.7	143116.5	-4124.3	6950	9.6	144537.5	-4143.3
6771	10.2	141840.0	-4132.8	6861	9.8	143126.0	-4141.8	6951	9.6	144546.5	-4146.7
6772	10.6	141846.3	-4103.3	6862	9.6	143129.9	-4108.7	6952	9.3	144600.5	-4148.0
6773	10.6	141859.0	-4110.8	6863	10.0	143138.9	-4146.7	6953	9.0	144620.2	-4124.7
6774	9.3	141912.0	-4119.7	6864	9.5	143157.2	-4146.9	6954	9.8	144621.0	-4135.4
6775	10.6	141913.8	-4159.2	6865	9.1	143158.9	-4159.2	6955	9.5	144628.5	-4132.1
6776	10.6	141913.8	-4157.6	6866	10.0	143206.4	-4130.7	6956	8.5	144635.0	-4131.9
6777	9.7	141926.5	-4117.8	6867	9.8	143207.5	-4125.9	6957	10.0	144648.0	-4103.0
6778	10.2	141933.3	-4114.6	6868	10.0	143238.9	-4157.0	6958	10.0	144650.5	-4112.5
6779	10.5	141953.9	-4140.5	6869	8.4	143243.2	-4140.2	6959	10.0	144659.0	-4135.8
6780	10.5	141958.0	-4112.5	6870	9.4	143248.9	-4104.7	6960	10.0	144706.5	-4137.3
6781	10.2	141959.0	-4123.7	6871	9.4	143258.2	-4104.1	6961	9.8	144709.0	-4133.4
6782	10.5	142009.0	-4123.2	6872	9.0	143301.9	-4125.8	6962	10.0	144713.5	-4114.1
6783	10.5	142021.5	-4103.6	6873	10.0	143308.0	-4154.5	6963	10.0	144735.5	-4108.0
6784	10.6	142025.0	-4117.8	6874	9.6	143314.9	-4153.5	6964	9.3	144737.5	-4118.1
6785	10.2	142027.5	-4145.7	6875	10.0	143317.5	-4111.2	6965	8.4	144841.2	-4129.4
6786	10.6	142034.0	-4100.1	6876	8.5	143339.4	-4155.0	6966	7.7	144848.5	-4157.2
6787	10.6	142057.0	-4125.9	6877	8.9	143349.9	-4151.9	6967	10.0	144905.0	-4118.8
6788	10.5	142059.0	-4102.4	6878	9.8	143409.4	-4103.0	6968	7.7	144906.5	-4137.7
6789	10.5	142102.9	-4121.5	6879	8.9	143411.4	-4107.4	6969	10.0	144910.2	-4135.0
6790	10.5	142117.5	-4128.7	6880	10.0	143417.7	-4128.7	6970	10.0	144918.0	-4132.1
6791	9.8	142118.0	-4149.5	6881	8.8	143429.4	-4155.0	6971	8.4	144919.5	-4146.0
6792	10.5	142118.0	-4129.5	6882	9.9	143432.2	-4106.0	6972	7.4	144939.2	-4159.6
6793	10.5	142129.0	-4108.0	6883	9.8	143442.5	-4150.7	6973	10.0	144939.5	-4118.7
6794	9.0	142152.0	-4145.1	6884	10.0	143503.5	-4128.1	6974	9.9	145004.0	-4147.5
6795	10.5	142153.3	-4142.4	6885	10.0	143505.4	-4140.2	6975	10.0	145012.7	-4159.5
6796	8.8	142158.0	-4159.8	6886	9.9	143527.4	-4105.1	6976	9.0	145031.5	-4120.4
6797	8.0	142159.0	-4157.5	6887	9.9	143538.5	-4137.2	6977	9.8	145058.0	-4113.2
6798	9.8	142208.8	-4157.3	6888	9.3	143539.9	-4120.0	6978	9.6	145059.5	-4151.4
6799	10.4	142219.0	-4137.8	6889	10.0	143605.4	-4105.7	6979	3.9	145102.2	-4136.0
6800	10.5	142220.7	-4155.5	6890	9.4	143612.4	-4137.4	6980	9.2	145117.0	-4121.1
6801	10.4	142227.0	-4143.8	6891	9.3	143617.4	-4102.4	6981	10.0	145117.5	-4122.4
6802	10.2	142231.0	-4114.9	6892	9.5	143623.5	-4138.0	6982	8.8	145118.5	-4127.1
6803	10.0	142242.0	-4134.5	6893	9.8	143625.4	-4155.4	6983	9.9	145129.5	-4140.5
6804	10.6	142248.0	-4110.9	6894	9.0	143628.5	-4148.6	6984	9.6	145130.5	-4147.4
6805	9.7	142259.0	-4138.3	6895	9.0	143636.7	-4107.1	6985	8.4	145145.5	-4139.5
6806	10.0	142259.5	-4128.2	6896	10.0	143636.9	-4152.0	6986	9.6	145148.5	-4149.0
6807	10.2	142316.0	-4150.6	6897	10.0	143640.9	-4105.9	6987	10.0	145207.0	-4104.6
6808	10.5	142338.0	-4128.1	6898	9.6	143646.4	-4123.6	6988	8.9	145209.5	-4135.2
6809	8.3	142341.0	-4151.2	6899	9.8	143646.5	-4112.6	6989	8.8	145222.5	-4125.7
6810	10.2	142347.1	-4158.0	6900	9.8	143648.9	-4152.2	6990	9.9	145223.0	-4140.6
6811	10.5	142356.0	-4112.8	6901	10.0	143659.4	-4110.3	6991	8.8	145226.0	-4136.0
6812	10.4	142402.5	-4143.0	6902	9.0	143703.5	-4136.8	6992	9.0	145228.5	-4124.7
6813	10.6	142408.8	-4158.5	6903	10.0	143707.4	-4142.9	6993	9.9	145241.5	-4159.8
6814	10.4	142414.5	-4107.4	6904	9.9	143709.4	-4108.4	6994	9.0	145249.0	-4144.5
6815	9.2	142451.0	-4122.4	6905	10.0	143741.4	-4139.1	6995	8.8	145256.5	-4120.5
6816	10.2	142457.7	-4158.4	6906	9.6	143747.7	-4115.2	6996	8.6	145259.0	-4147.4
6997	10.0	145305.5	-4148.4								
6998	9.9	145307.0	-4148.1								
6999	9.9	145318.0	-4108.7								
7000	9.9	145320.0	-4151.6								
7001	9.0	145324.0	-4102.0								
7002	8.9	145324.0	-4104.2								
7003	8.9	145326.5	-4153.1								
7004	8.2	145328.5	-4119.5								
7005	9.9	145331.5	-4124.7								
7006	9.8	145339.0	-4119.2								
7007	8.8	145340.5	-4119.1								
7008	8.6	145414.3	-4111.7								
7009	9.8	145419.3	-4154.4								
7010	8.9	145425.3	-4110.6								
7011	8.7	145428.3	-4106.6								
7012	8.3	145428.3	-4104.7								
7013	10.0	145452.5	-4147.9								
7014	9.3	145456.5	-4129.4								
7015	10.1	145457.6	-4103.8								
7016	9.1	145534.6	-4106.5								
7017	10.1	145555.3	-4121.5								
7018	9.1	145612.6	-4131.5								
7019	10.1	145619.1	-4106.2								
7020	10.1	145627.6	-4116.7								
7021	8.9	145629.6	-4157.9								
7022	10.1	145633.6	-4143.1								
7023	10.1	145639.6	-4125.2								
7024	9.8	145640.5	-4144.8								
7025	8.9	145645.1	-4151.2								
7026	10.1	145705.6	-4148.7								
7027	9.5	145718.6	-4121.0								
7028	9.8	145744.6	-4125.2								
7029	9.8	145750.6	-4154.4								
7030	10.1	145814.6	-4103.5								
7031	9.3	145824.6	-4126.4								
7032	8.8	145825.1	-4133.3								
7033	9.6	145836.7	-4159.4								
7034	10.0	145846.4	-4156.5								
7035	10.1	145859.4	-4146.2								
7036	8.8	145903.2	-4112.3								
7037	9.6	145905.2	-4115.2								
7038	9.1	145907.4	-4159.8								
7039	9.6	145913.9	-4115.9								
7040	9.5	145919.4	-4104.3								
7041	9.5	145929.4	-4112.5								
7042	9.1	145938.4	-4143.9								
7043	10.1	145941.4	-4141.0								
7044	9.3	145952.3	-4142.4								
7045	9.3	145959.1	-4150.3								
7046	10.1	150001.9	-4136.7								
7047	10.1	150007.1	-4117.7								
7048	10.1	150018.1	-4138.5								
7049	9.1	150039.1	-4120.1								
7050	8.6	150043.9	-4116.9								
7051	10.0	150045.9	-4146.5								
7052	10.1	150047.9	-4152.4								
7053	10.1	150049.4	-4107.1								
7054	10.0	150103.4	-4106.2								
7055	10.0	150115.4	-4142.9								
7056	10.1	150136.9	-4107.5								
7057	8.9	150148.1	-4150.0								
7058	10.0	150150.9	-4111.3								
7059	10.1	150152.1	-4147.1								
7060	9.2	150153.6	-4119.8								
7061	9.8	150153.9	-4159.2								
7062	8.9	150210.4	-4101.0								
7063	10.0	150228.4	-4118.7								
7064	10.1	150239.4	-4120.0								
7065	10.0	150241.9	-4129.0								
7066	10.0	150259.4	-4127.8								
7067	10.0	150310.4	-4109.9								
7068	8.7	150326.9	-4142.8								
7069	10.1	150329.4	-4108.7								
7070	10.1	150341.4	-4150.7								
7071	10.0	150359.4	-4153.7								
7072	10.1	150404.4	-4153.9								
7073	9.6	150411.4	-4125.1								
7074	10.0	150424.9	-4113.1								
7075	9.5	150425.0	-4140.2								
7076	10.0	150429.4	-4104.6								
7077	9.6	150437.9	-4139.6								
7078	10.0	150447.4	-4105.2								
7079	10.1	150504.9	-4152.4								
7080	10.1	150506.9	-4104.2								
7081	9.8	150508.9	-4128.4								
7082	9.5	150510.0	-4155.9								
7083	10.1	150512.4	-4102.4								
7084	8.7	150516.4	-4141.6								
7085	9.8	150525.8	-4155.3								
7086	10.1	150528.0	-4132.0								

-41 7087 15h05m

-41 7446 16h07m

7087	7.4	150528.2	-4101.3	7177	9.3	151603.6	-4132.4	7267	9.6	152813.0	-4103.5	7357	9.6	154153.5	-4137.0
7088	10.1	150531.9	-4138.9	7178	10.1	151604.6	-4151.8	7268	9.6	152814.0	-4131.3	7358	9.6	154201.5	-4133.1
7089	9.4	150532.8	-4114.8	7179	10.1	151605.1	-4136.3	7269	8.6	152817.0	-4142.6	7359	9.6	154202.0	-4148.5
7090	10.1	150538.9	-4136.1	7180	9.8	151611.4	-4118.2	7270	9.2	152829.0	-4145.9	7360	9.6	154204.0	-4130.6
7091	10.1	150538.9	-4131.0	7181	10.0	151617.1	-4116.2	7271	8.6	152830.5	-4113.1	7361	9.6	154218.9	-4135.3
7092	10.1	150542.0	-4111.1	7182	10.1	151623.7	-4107.1	7272	8.3	152843.7	-4125.0	7362	9.5	154222.1	-4134.3
7093	10.0	150548.9	-4123.3	7183	10.0	151659.6	-4129.2	7273	8.5	152847.0	-4102.7	7363	9.6	154239.1	-4155.7
7094	10.1	150549.4	-4138.8	7184	8.7	151707.6	-4129.7	7274	9.6	152907.0	-4140.6	7364	9.1	154243.2	-4155.9
7095	10.1	150549.4	-4159.1	7185	10.1	151710.1	-4104.3	7275	9.6	152933.0	-4118.1	7365	7.9	154257.2	-4155.1
7096	8.9	150554.4	-4104.9	7186	10.0	151715.6	-4107.5	7276	9.3	152947.0	-4144.6	7366	9.2	154309.1	-4124.5
7097	9.2	150600.3	-4108.1	7187	9.6	151719.1	-4115.3	7277	8.4	152948.5	-4108.8	7367	9.6	154311.7	-4130.9
7098	7.8	150633.9	-4151.1	7188	10.1	151725.1	-4101.3	7278	9.5	152950.0	-4107.5	7368	9.6	154313.2	-4144.7
7099	10.1	150711.4	-4159.4	7189	9.8	151728.1	-4131.4	7279	9.2	153003.0	-4155.6	7369	9.0	154337.9	-4157.8
7100	10.1	150727.4	-4146.3	7190	10.0	151728.6	-4153.4	7280	9.2	153018.0	-4107.2	7370	9.6	154341.7	-4130.8
7101	9.5	150734.4	-4111.0	7191	10.1	151729.1	-4101.6	7281	9.6	153021.0	-4134.5	7371	9.4	154403.1	-4137.0
7102	9.4	150739.4	-4157.3	7192	9.8	151732.1	-4105.1	7282	9.5	153028.4	-4102.5	7372	9.0	154430.7	-4129.5
7103	10.1	150749.4	-4149.1	7193	8.6	151743.7	-4154.4	7283	8.7	153031.0	-4144.0	7373	9.2	154432.0	-4158.4
7104	6.6	150751.3	-4101.5	7194	10.0	151747.1	-4115.0	7284	9.6	153036.0	-4149.1	7374	9.6	154447.7	-4117.9
7105	10.0	150752.4	-4104.2	7195	8.4	151759.5	-4157.4	7285	9.6	153040.0	-4105.7	7375	8.0	154457.2	-4153.3
7106	9.8	150759.4	-4108.9	7196	9.8	151759.7	-4109.1	7286	9.1	153047.0	-4107.7	7376	9.4	154519.2	-4123.7
7107	9.4	150759.4	-4101.2	7197	9.8	151809.1	-4151.6	7287	8.9	153050.0	-4116.8	7377	9.4	154528.8	-4154.7
7108	9.8	150802.0	-4124.6	7198	9.4	151809.7	-4128.6	7288	9.3	153109.5	-4115.2	7378	9.3	154531.0	-4139.7
7109	9.6	150813.4	-4151.2	7199	8.4	151813.6	-4149.5	7289	8.9	153112.0	-4153.1	7379	9.6	154549.8	-4137.5
7110	7.1	150821.0	-4154.3	7200	9.4	151816.6	-4113.3	7290	8.3	153116.5	-4110.7	7380	9.2	154551.9	-4120.9
7111	9.3	150833.4	-4146.5	7201	9.0	151817.1	-4129.5	7291	9.2	153125.7	-4115.7	7381	9.6	154614.8	-4150.9
7112	10.1	150837.9	-4136.6	7202	10.1	151821.1	-4152.2	7292	9.5	153129.0	-4144.1	7382	9.2	154625.2	-4156.4
7113	9.3	150840.0	-4113.8	7203	10.0	151823.1	-4106.9	7293	9.2	153135.5	-4105.2	7383	9.4	154629.9	-4111.9
7114	8.6	150902.0	-4127.7	7204	9.4	151830.8	-4157.3	7294	9.5	153140.0	-4131.1	7384	8.6	154654.2	-4133.1
7115	10.0	150905.3	-4103.3	7205	9.8	151834.1	-4110.4	7295	9.2	153147.5	-4118.1	7385	10.0	154656.5	-4112.0
7116	9.5	150925.1	-4130.9	7206	10.0	151834.6	-4130.1	7296	9.6	153207.0	-4120.6	7386	9.4	154702.0	-4129.8
7117	10.1	150926.9	-4117.2	7207	10.0	151839.3	-4101.0	7297	7.8	153210.0	-4132.1	7387	10.0	154708.0	-4132.6
7118	10.1	150929.1	-4111.0	7208	8.7	151850.7	-4113.1	7298	8.4	153221.7	-4116.0	7388	10.0	154710.0	-4110.8
7119	10.0	150939.6	-4117.8	7209	9.5	151851.6	-4112.0	7299	9.6	153241.0	-4125.4	7389	9.8	154720.8	-4143.3
7120	10.1	150947.6	-4107.9	7210	9.1	151853.1	-4140.5	7300	9.6	153244.0	-4134.8	7390	9.6	154757.9	-4157.0
7121	10.1	150947.6	-4146.9	7211	10.0	151900.1	-4135.6	7301	9.2	153251.0	-4150.3	7391	9.2	154800.9	-4118.7
7122	8.8	150949.1	-4124.0	7212	9.1	151916.3	-4103.9	7302	9.4	153259.0	-4146.1	7392	9.6	154809.1	-4130.9
7123	10.0	150949.1	-4133.6	7213	10.0	151916.6	-4122.5	7303	9.0	153303.9	-4140.6	7393	8.9	154809.3	-4157.4
7124	10.0	150953.6	-4144.0	7214	10.0	151935.0	-4156.8	7304	8.6	153310.8	-4146.1	7394	10.0	154840.6	-4140.7
7125	9.3	150956.8	-4159.1	7215	9.6	151939.1	-4112.5	7305	8.6	153312.8	-4138.1	7395	9.4	154846.6	-4108.3
7126	10.0	151001.1	-4123.0	7216	10.0	152019.1	-4130.9	7306	9.4	153333.6	-4146.7	7396	8.4	154852.6	-4125.8
7127	9.8	151003.6	-4111.3	7217	9.6	152021.1	-4102.1	7307	9.2	153347.8	-4146.4	7397	9.3	154900.6	-4126.5
7128	9.8	151007.6	-4137.3	7218	10.0	152022.6	-4136.5	7308	9.1	153347.9	-4136.5	7398	9.6	154901.6	-4101.7
7129	9.8	151009.1	-4131.2	7219	10.1	152023.1	-4151.9	7309	9.6	153353.3	-4121.5	7399	9.2	154909.4	-4157.1
7130	9.8	151009.9	-4141.1	7220	9.8	152026.8	-4115.8	7310	9.0	153429.8	-4112.1	7400	10.0	154921.6	-4108.1
7131	10.0	151015.6	-4109.2	7221	10.1	152029.6	-4150.4	7311	9.2	153434.8	-4132.7	7401	9.6	154943.1	-4153.7
7132	9.8	151019.1	-4127.9	7222	9.4	152035.1	-4130.1	7312	9.2	153438.8	-4122.6	7402	7.9	154949.7	-4117.8
7133	10.0	151028.1	-4124.6	7223	9.4	152039.5	-4105.8	7313	9.4	153451.8	-4135.4	7403	10.0	154952.8	-4123.3
7134	9.8	151034.1	-4155.7	7224	9.5	152041.1	-4105.8	7314	9.5	153459.3	-4109.9	7404	10.0	155028.2	-4120.0
7135	8.0	151049.8	-4158.7	7225	10.1	152043.6	-4152.4	7315	9.0	153501.3	-4120.1	7405	6.8	155059.7	-4122.9
7136	10.1	151050.6	-4137.3	7226	10.1	152048.6	-4116.1	7316	9.2	153502.8	-4152.1	7406	10.0	155204.6	-4158.0
7137	10.0	151104.6	-4106.0	7227	9.4	152050.5	-4146.3	7317	9.3	153505.3	-4113.1	7407	10.0	155242.2	-4112.2
7138	10.1	151107.1	-4124.7	7228	9.6	152100.5	-4130.2	7318	7.8	153530.8	-4136.7	7408	9.6	155319.7	-4100.8
7139	10.0	151109.1	-4146.9	7229	9.5	152100.5	-4151.0	7319	9.0	153531.8	-4151.9	7409	9.8	155400.7	-4144.2
7140	10.0	151114.8	-4159.3	7230	10.1	152109.9	-4158.9	7320	9.3	153535.8	-4152.3	7410	9.2	155404.7	-4149.4
7141	8.9	151119.1	-4146.7	7231	9.6	152145.2	-4138.1	7321	9.4	153537.3	-4132.1	7411	9.6	155442.7	-4130.5
7142	9.8	151121.6	-4131.5	7232	8.3	152150.7	-4109.9	7322	8.8	153551.3	-4121.3	7412	9.6	155524.7	-4100.6
7143	10.0	151128.1	-4138.2	7233	6.7	152201.2	-4129.1	7323	7.0	153557.8	-4125.1	7413	8.0	155536.2	-4121.7
7144	10.1	151134.1	-4151.4	7234	9.3	152209.2	-4104.1	7324	9.2	153611.3	-4111.2	7414	9.2	155539.7	-4130.3
7145	10.1	151204.1	-4119.5	7235	9.2	152213.6	-4130.1	7325	9.6	153612.3	-4137.2	7415	9.8	155546.7	-4102.5
7146	8.7	151209.7	-4158.9	7236	8.0	152225.7	-4113.3	7326	9.2	153639.3	-4146.6	7416	9.4	155633.9	-4126.7
7147	10.0	151214.2	-4158.7	7237	9.3	152236.1	-4159.7	7327	9.2	153641.3	-4149.5	7417	9.8	155635.0	-4147.0
7148	9.4	151216.7	-4146.0	7238	8.6	152246.7	-4138.3	7328	8.8	153646.3	-4121.4	7418	9.8	155709.0	-4125.7
7149	10.0	151223.1	-4102.8	7239	9.1	152300.2	-4111.6	7329	9.3	153721.8	-4114.9	7419	8.8	155731.0	-4148.0
7150	9.4	151228.6	-4105.1	7240	8.7	152301.4	-4157.8	7330	9.6	153723.6	-4158.6	7420	9.8	155808.9	-4146.5
7151	9.8	151239.6	-4105.2	7241	8.2	152354.5	-4157.0	7331	9.3	153744.8	-4124.1	7421	10.0	155830.5	-4157.9
7152	10.1	151246.1	-4122.4	7242	9.0	152357.9	-4145.8	7332	9.3	153745.9	-4126.8	7422	8.0	155839.7	-4143.7
7153	8.9	151249.7	-4148.3	7243	9.3	152401.6	-4127.7	7333	8.8	153803.8	-4119.1	7423	9.4	155901.7	-4134.0
7154	9.8	151329.1	-4134.8	7244	8.2	152409.4	-4108.1	7334	9.6	153821.3	-4133.5	7424	8.6	155932.0	-4155.3
7155	10.0	151329.1	-4113.9	7245	9.6	152418.7	-4128.0	7335	9.4	153827.6	-4131.5	7425	9.8	155939.7	-4109.0
7156	8.8	151333.6	-4147.7	7246	9.2	152419.4	-4140.0	7336	9.5	153830.5	-4136.7	7426	9.2	155948.7	-4152.7
7157	9.4	151334.6	-4135.0	7247	9.6	152420.7	-4113.1	7337	7.8	153844.0	-4148.6	7427	9.4	155958.5	-4109.9
7158	9.8	151341.0	-4102.9	7248	9.4	152425.7	-4106.2	7338	8.4	153848.8	-4126.6	7428	10.0	160102.2	-4107.2
7159	9.8	151350.7	-4112.4	7249	9.6	152440.7	-4122.2	7339	9.3	153909.2	-4104.5	7429	9.8	160117.7	-4125.1
7160	9.4	151408.1	-4139.9	7250	9.5	152443.1	-4158.1	7340	9.6	153916.6	-4159.0	7430	10.0	160225.5	-4146.5
7161	9.5	151408.8	-4102.3	7251	8.6	152453.6	-4138.0	7341	9.6	153921.5	-4151.5	7431	9.8	160235.4	-4105.2
7162	10.1	151414.1	-4120.1	7252	8.5	152537.4	-4116.9	7342	8.6	153942.0	-4147.0	7432	10.0	160257.0	-4154.4
7163	9.4	151421.1	-4108.1	7253	9.6	152540.7	-4138.2	7343	9.0	153950.0	-4146.3	7433	10.0	160334.0	-4108.6
7164	9.8	151428.1	-4105.4	7254	9.4	152549.2	-4101.8	7344	8.9	153953.0	-4136.3	7434	9.0	160354.2	-4100.1
7165	9.6	151443.6	-4130.1	7255	9.4	152551.3	-4157.0	7345	9.5	154017.5	-4125.3	7435	10.0	160401.2	-4137.1
7166	10.1	151447.1	-4101.4	7256	9.6	152614.2	-4147.3	7346	9.5	154045.5	-4122.5	7436	10.0	160419.6	-4157.5
7167	9.8	151452.1	-4117.7	7257	8.3	152618.2	-4118.6	7347	7.5	154047.0	-4124.2	7437	9.2	160426.2	-4133.5
7168	9.3	151500.1	-4119.9	7258	9.6	152621.6	-4139.9	7348	9.5	154052.7	-4135.9	7438	9.6	160430.2	-4117.9
7169	8.7	151513.6	-4152.2	7259	9.2	152621.7	-4107.0	7349	9.4	154058.0	-4121.1	7439	9.6	160435.2	-4120.0
7170	10.1	151522.1	-4131.9	7260	9.6	152640.7	-4111.6	7350	9.2	154103.6	-4122.6	7440	8.7	160505.0	-4101.6
7171	10.0	151524.1	-4131.2	7261	9.4	152650.7	-4136.1	7351	9.2	154105.0	-4145.1	7441	9.3	160549.3	-4127.1
7172	10.0	151530.6	-4134.4	7262	7.9	152707.2	-4104.9	7352	9.5	154118.5	-4110.1	7442	9.3	160627.3	-4142.8
7173	10.1	151539.6	-4133.1	7263	9.1	152721.1	-4125.6	7353	9.4	154121.5	-4145.8	7443	10.0	160642.7	-4107.2
7174	10.1	151542.6	-4132.9	7264	8.6	152723.7	-4140.7	7354	9.5	154131.0	-4154.9	7444	9.3	160657.2	-4152.7
7175	9.6	151547.1	-4143.9	7265	9.1	152801.0	-4136.2	7355	9.6	154141.5	-4122.4	7445	8.4	160701.5	-4119.8
7176	9.8	151549.1	-4146.9	7266	9.4	152807.0	-4149.1	7356	8.2	154144.0	-4131.2	7446	9.6	160710.2	-4138.7

7447	9.8	160720.2	-4147.2	7537	9.5	163056.0	-4115.2	7627	9.5	163904.5	-4116.7	7717	10.0	164516.5	-4126.4
7448	9.6	160729.6	-4148.4	7538	9.0	163058.0	-4126.0	7628	9.2	163906.0	-4145.0	7718	7.3	164517.9	-4134.8
7449	10.0	160751.5	-4108.7	7539	10.0	163108.2	-4124.9	7629	10.0	163909.4	-4138.8	7719	9.4	164518.9	-4137.4
7450	9.8	160834.3	-4115.8	7540	9.0	163111.5	-4104.7	7630	9.8	163909.7	-4122.3	7720	9.6	164519.5	-4101.4
7451	9.6	160923.2	-4144.6	7541	8.9	163122.4	-4118.4	7631	9.9	163910.2	-4140.7	7721	8.2	164520.4	-4138.4
7452	9.4	160933.5	-4118.1	7542	9.8	163135.1	-4151.5	7632	9.2	163920.5	-4151.7	7722	9.8	164520.8	-4131.8
7453	9.6	160945.2	-4140.1	7543	9.6	163137.4	-4114.5	7633	10.0	163922.4	-4141.6	7723	9.4	164520.9	-4137.4
7454	10.0	161004.3	-4103.4	7544	10.0	163140.5	-4117.8	7634	9.8	163935.7	-4115.8	7724	9.8	164520.9	-4136.7
7455	9.6	161015.7	-4137.3	7545	9.9	163203.7	-4112.7	7635	10.0	163943.4	-4133.8	7725	9.8	164521.5	-4132.0
7456	9.4	161021.2	-4121.4	7546	10.0	163206.5	-4111.3	7636	9.0	163949.6	-4154.3	7726	9.6	164521.8	-4145.4
7457	10.0	161022.5	-4135.8	7547	9.6	163209.0	-4101.4	7637	10.0	163955.4	-4108.6	7727	9.4	164523.4	-4136.0
7458	9.2	161031.5	-4100.0	7548	9.6	163216.5	-4102.0	7638	9.9	163957.9	-4116.2	7728	6.6	164523.9	-4136.9
7459	9.6	161036.8	-4142.5	7549	9.9	163218.0	-4121.1	7639	9.8	164001.2	-4141.9	7729	10.2	164524.3	-4101.9
7460	9.8	161040.1	-4159.6	7550	10.0	163220.2	-4101.9	7640	9.6	164007.9	-4156.2	7730	9.4	164525.4	-4136.3
7461	10.0	161101.3	-4143.5	7551	10.0	163226.3	-4101.2	7641	10.0	164008.4	-4144.0	7731	7.5	164525.9	-4138.3
7462	9.2	161125.3	-4151.5	7552	9.6	163229.5	-4125.9	7642	10.0	164011.8	-4101.8	7732	7.6	164526.6	-4125.8
7463	8.6	161142.8	-4121.6	7553	8.8	163239.5	-4148.9	7643	8.8	164013.7	-4102.2	7733	8.8	164527.9	-4138.0
7464	7.6	161307.5	-4142.1	7554	10.0	163239.5	-4110.3	7644	8.8	164026.5	-4144.2	7734	10.4	164528.6	-4142.6
7465	9.8	161354.8	-4141.1	7555	10.0	163302.4	-4107.0	7645	8.5	164026.7	-4149.6	7735	9.2	164528.9	-4137.5
7466	8.6	161406.5	-4159.7	7556	10.0	163329.5	-4128.8	7646	10.0	164031.7	-4157.4	7736	10.0	164529.4	-4137.0
7467	10.0	161419.7	-4144.1	7557	10.0	163330.5	-4145.2	7647	10.2	164049.6	-4120.0	7737	10.4	164531.4	-4137.9
7468	9.6	161429.7	-4155.5	7558	9.6	163331.5	-4125.7	7648	9.8	164101.6	-4123.5	7738	9.4	164532.4	-4139.0
7469	9.9	161512.4	-4153.7	7559	9.8	163340.0	-4133.1	7649	7.3	164101.6	-4146.7	7739	10.2	164532.5	-4145.0
7470	10.0	161521.4	-4114.0	7560	9.9	163345.5	-4143.0	7650	9.8	164109.6	-4149.4	7740	8.2	164533.0	-4119.8
7471	9.5	161531.1	-4157.9	7561	9.8	163349.0	-4130.9	7651	7.8	164117.6	-4123.8	7741	7.4	164533.5	-4136.6
7472	8.9	161558.9	-4156.1	7562	8.8	163356.8	-4152.6	7652	10.2	164129.6	-4107.2	7742	8.4	164534.1	-4137.6
7473	9.8	161604.3	-4152.7	7563	9.9	163403.5	-4151.6	7653	10.4	164132.6	-4104.2	7743	9.4	164535.0	-4139.0
7474	9.2	161609.7	-4155.8	7564	10.0	163414.5	-4102.4	7654	10.2	164133.1	-4152.3	7744	7.6	164539.5	-4137.4
7475	8.7	161623.0	-4116.8	7565	10.0	163429.5	-4128.6	7655	10.4	164149.6	-4122.3	7745	9.4	164542.5	-4115.7
7476	10.0	161631.0	-4138.0	7566	9.8	163438.5	-4132.5	7656	7.9	164158.6	-4114.1	7746	8.8	164543.6	-4126.6
7477	10.0	161643.0	-4137.9	7567	9.0	163445.5	-4144.7	7657	9.2	164159.6	-4131.5	7747	10.2	164543.6	-4107.1
7478	9.2	161708.0	-4157.1	7568	10.0	163503.0	-4127.0	7658	8.0	164209.6	-4136.6	7748	10.0	164544.4	-4143.0
7479	10.0	161708.5	-4104.2	7569	9.8	163509.0	-4123.8	7659	9.8	164212.5	-4122.0	7749	8.0	164546.0	-4135.8
7480	9.9	161716.5	-4125.1	7570	8.6	163524.0	-4142.8	7660	10.4	164219.6	-4121.6	7750	10.2	164546.4	-4126.1
7481	10.0	161732.5	-4112.5	7571	8.6	163528.5	-4150.9	7661	9.2	164224.6	-4120.8	7751	10.0	164549.4	-4117.0
7482	10.0	161755.0	-4118.7	7572	9.8	163529.4	-4109.8	7662	9.6	164225.8	-4158.2	7752	9.4	164549.7	-4137.7
7483	9.3	161757.0	-4154.7	7573	9.2	163531.4	-4128.3	7663	8.8	164226.8	-4153.8	7753	9.6	164549.8	-4141.1
7484	9.2	161757.0	-4139.5	7574	8.4	163531.4	-4129.1	7664	10.4	164227.3	-4150.4	7754	8.0	164550.8	-4112.9
7485	10.0	161909.9	-4118.8	7575	9.3	163548.9	-4154.8	7665	10.4	164247.1	-4125.4	7755	9.8	164552.9	-4141.1
7486	8.1	161911.0	-4101.6	7576	9.6	163552.2	-4145.3	7666	8.5	164250.1	-4133.5	7756	9.6	164555.9	-4126.4
7487	9.6	161956.0	-4138.4	7577	9.6	163604.4	-4131.5	7667	6.3	164250.8	-4100.8	7757	9.4	164556.9	-4137.1
7488	9.3	162030.5	-4120.6	7578	8.1	163608.4	-4141.1	7668	10.4	164313.8	-4114.8	7758	10.4	164557.9	-4108.9
7489	8.8	162039.9	-4145.1	7579	10.0	163613.9	-4108.1	7669	10.2	164319.6	-4140.5	7759	9.4	164558.9	-4108.4
7490	10.0	162044.0	-4126.9	7580	9.8	163615.2	-4150.0	7670	9.2	164329.6	-4135.3	7760	9.4	164602.6	-4149.0
7491	8.2	162119.5	-4119.9	7581	8.5	163617.4	-4101.3	7671	10.4	164330.1	-4112.2	7761	10.4	164604.8	-4128.0
7492	10.0	162129.0	-4152.9	7582	8.6	163623.9	-4114.7	7672	8.6	164332.1	-4123.3	7762	10.4	164607.6	-4134.7
7493	9.8	162159.0	-4138.6	7583	10.0	163630.4	-4103.2	7673	6.8	164332.5	-4138.3	7763	7.2	164615.5	-4153.1
7494	8.8	162210.5	-4125.0	7584	10.0	163638.5	-4115.3	7674	9.2	164346.6	-4113.6	7764	10.2	164616.5	-4105.5
7495	10.0	162229.0	-4150.3	7585	8.6	163639.4	-4155.9	7675	9.2	164352.6	-4108.9	7765	10.4	164619.9	-4112.5
7496	8.7	162237.0	-4142.1	7586	10.0	163645.9	-4119.0	7676	7.4	164401.6	-4134.2	7766	8.8	164624.8	-4144.2
7497	9.8	162249.5	-4101.6	7587	9.6	163650.9	-4153.9	7677	10.2	164402.1	-4130.1	7767	8.6	164635.9	-4120.9
7498	9.0	162254.5	-4122.8	7588	8.9	163653.7	-4112.8	7678	10.4	164409.6	-4137.7	7768	9.8	164657.6	-4129.0
7499	9.6	162300.9	-4133.5	7589	9.0	163655.9	-4103.3	7679	9.6	164410.5	-4122.2	7769	10.4	164700.9	-4128.7
7500	6.5	162300.9	-4132.6	7590	9.4	163656.2	-4159.4	7680	10.4	164411.6	-4113.8	7770	9.6	164702.6	-4157.6
7501	10.0	162359.2	-4159.1	7591	9.6	163659.4	-4103.4	7681	8.0	164411.6	-4121.0	7771	9.8	164712.9	-4119.2
7502	9.9	162359.5	-4138.0	7592	9.6	163708.9	-4130.7	7682	9.6	164415.6	-4113.4	7772	10.4	164733.4	-4108.7
7503	9.9	162408.0	-4104.4	7593	10.0	163711.4	-4107.3	7683	9.2	164416.6	-4111.6	7773	10.4	164736.4	-4152.7
7504	8.8	162425.5	-4143.7	7594	10.0	163719.4	-4131.4	7684	8.5	164421.6	-4130.9	7774	10.4	164738.8	-4147.5
7505	10.0	162438.5	-4134.1	7595	9.3	163730.2	-4129.6	7685	8.9	164431.1	-4109.4	7775	10.4	164744.3	-4143.9
7506	8.5	162439.5	-4129.4	7596	9.9	163739.4	-4141.7	7686	9.2	164431.3	-4150.3	7776	9.2	164749.7	-4100.9
7507	9.2	162512.5	-4128.5	7597	10.0	163741.5	-4124.0	7687	9.2	164431.6	-4116.5	7777	10.0	164750.8	-4149.8
7508	10.0	162515.3	-4102.0	7598	8.6	163744.4	-4101.1	7688	10.4	164432.5	-4141.7	7778	10.0	164801.5	-4142.7
7509	9.4	162534.5	-4138.5	7599	10.0	163750.4	-4151.8	7689	10.4	164434.1	-4135.6	7779	9.4	164804.4	-4129.5
7510	9.0	162551.0	-4114.0	7600	7.5	163750.7	-4122.6	7690	10.4	164436.6	-4143.1	7780	10.4	164811.4	-4110.0
7511	10.0	162605.0	-4151.8	7601	9.9	163757.9	-4101.0	7691	10.2	164438.6	-4123.9	7781	10.2	164821.7	-4135.6
7512	10.0	162615.4	-4142.2	7602	9.5	163759.4	-4126.8	7692	10.2	164439.6	-4107.3	7782	9.8	164833.8	-4131.4
7513	9.4	162616.0	-4117.9	7603	10.0	163759.4	-4130.1	7693	10.4	164439.6	-4147.5	7783	10.3	164848.8	-4118.8
7514	9.5	162616.4	-4125.8	7604	9.8	163801.2	-4134.2	7694	7.4	164440.6	-4154.7	7784	10.3	164851.8	-4157.5
7515	9.8	162626.0	-4159.9	7605	10.0	163804.4	-4113.1	7695	9.6	164445.5	-4118.2	7785	10.4	164901.2	-4157.6
7516	10.0	162631.5	-4139.8	7606	8.2	163808.4	-4115.0	7696	10.4	164449.6	-4123.2	7786	10.0	164902.5	-4117.9
7517	8.7	162635.1	-4158.7	7607	9.8	163813.9	-4119.1	7697	9.2	164452.7	-4135.1	7787	9.4	164914.3	-4106.1
7518	9.0	162640.4	-4130.5	7608	10.0	163815.2	-4141.4	7698	10.4	164455.0	-4152.2	7788	10.2	164933.8	-4145.3
7519	10.0	162643.9	-4136.0	7609	9.2	163820.4	-4100.6	7699	8.5	164458.5	-4107.0	7789	9.6	165002.8	-4101.7
7520	9.0	162657.5	-4153.1	7610	9.2	163820.9	-4104.9	7700	9.8	164459.5	-4136.4	7790	8.2	165006.3	-4113.1
7521	8.8	162705.1	-4151.7	7611	9.5	163822.2	-4143.6	7701	10.4	164502.5	-4127.8	7791	10.4	165010.8	-4117.6
7522	9.9	162714.5	-4124.0	7612	10.0	163826.4	-4136.9	7702	8.2	164505.0	-4137.9	7792	9.8	165014.8	-4117.1
7523	10.0	162754.4	-4152.3	7613	9.0	163828.6	-4102.8	7703	8.4	164506.5	-4119.9	7793	10.0	165015.3	-4154.2
7524	10.0	162754.4	-4148.9	7614	8.0	163830.4	-4123.4	7704	8.1	164507.5	-4106.0	7794	10.4	165024.1	-4107.5
7525	10.0	162800.1	-4151.1	7615	10.0	163836.5	-4105.6	7705	9.2	164508.0	-4153.7	7795	9.0	165026.8	-4149.8
7526	9.0	162808.5	-4139.9	7616	10.0	163838.9	-4118.8	7706	9.2	164508.5	-4139.6	7796	8.1	165034.7	-4112.5
7527	9.6	162822.1	-4137.7	7617	7.7	163839.4	-4134.6	7707	7.8	164509.5	-4140.2	7797	10.3	165045.8	-4105.0
7528	10.0	162842.2	-4123.2	7618	10.0	163839.4	-4117.8	7708	8.1	164510.5	-4102.7	7798	10.2	165046.6	-4119.5
7529	8.8	162847.2	-4105.2	7619	10.0	163840.4	-4106.2	7709	7.0	164511.5	-4147.0	7799	8.4	165050.7	-4105.4
7530	10.0	162930.5	-4104.2	7620	9.9	163847.9	-4136.0	7710	9.4	164512.0	-4126.0	7800	9.6	165053.8	-4105.5
7531	10.0	162939.5	-4114.7	7621	9.5	163848.4	-4155.4	7711	9.8	164512.9	-4136.0	7801	8.3	165055.7	-4147.1
7532	8.8	162949.5	-4122.7	7622	10.0	163849.4	-4140.5	7712	9.4	164513.5	-4140.0	7802	8.8	165059.7	-4118.4
7533	9.6	162951.5	-4108.2	7623	9.0	163857.5	-4127.9	7713	7.6	164513.8	-4130.4	7803	9.0	165100.5	-4126.0
7534	9.9	163014.5	-4104.1	7624	9.6	163900.2	-4103.7	7714	9.6	164513.9	-4115.2	7804	10.3	165106.8	-4118.4
7535	10.0	163032.1	-4150.8	7625	10.0	163900.4	-4122.0	7715	10.2	164515.6	-4138.5	7805	10.4	165111.7	-4153.3
7536	10.0	163046.7	-4108.8	7626	9.3	163903.2	-4154.0	7716	6.3	164515.9	-4135.8	7806	10.2	165117.8	-4123.3

7807	9.6	165124.3	-4102.0	7897	10.3	170339.7	-4131.4	7987	9.6	171710.4	-4154.8	8077	9.4	172700.4	-4134.1
7808	10.4	165130.8	-4113.0	7898	10.4	170341.7	-4100.1	7988	9.6	171711.9	-4110.7	8078	9.6	172700.7	-4102.4
7809	9.8	165133.3	-4114.9	7899	10.4	170357.2	-4101.0	7989	9.6	171716.9	-4127.1	8079	9.8	172706.5	-4128.5
7810	10.2	165133.8	-4124.2	7900	9.4	170359.8	-4121.0	7990	9.6	171727.4	-4111.9	8080	9.8	172718.4	-4133.9
7811	10.4	165138.3	-4131.1	7901	10.4	170401.7	-4115.1	7991	8.9	171729.3	-4159.3	8081	9.3	172723.4	-4146.3
7812	10.3	165140.5	-4123.0	7902	9.2	170401.7	-4136.3	7992	9.4	171744.4	-4129.9	8082	9.8	172727.9	-4112.8
7813	9.8	165153.3	-4140.3	7903	10.0	170408.7	-4135.9	7993	9.5	171807.9	-4110.7	8083	9.4	172729.9	-4150.1
7814	7.2	165217.8	-4153.0	7904	10.2	170409.7	-4140.7	7994	9.6	171808.4	-4106.1	8084	9.3	172731.4	-4156.8
7815	9.2	165218.8	-4153.4	7905	9.4	170410.2	-4114.9	7995	9.2	171809.9	-4145.4	8085	8.9	172732.9	-4155.8
7816	9.2	165246.8	-4116.1	7906	10.3	170412.2	-4104.9	7996	9.6	171817.4	-4152.8	8086	9.4	172733.4	-4107.4
7817	10.0	165310.5	-4117.3	7907	10.4	170416.2	-4149.1	7997	9.4	171825.4	-4102.6	8087	9.3	172737.4	-4117.0
7818	8.2	165310.8	-4101.0	7908	10.4	170432.2	-4131.4	7998	9.6	171831.4	-4153.9	8088	8.5	172743.9	-4142.3
7819	9.2	165317.3	-4159.7	7909	10.2	170432.7	-4155.5	7999	8.0	171846.9	-4111.9	8089	8.7	172743.9	-4146.6
7820	10.3	165319.3	-4113.5	7910	10.4	170437.2	-4127.8	8000	9.4	171856.4	-4117.1	8090	8.6	172748.4	-4150.7
7821	10.2	165339.3	-4150.6	7911	10.4	170438.7	-4128.3	8001	9.2	171917.9	-4136.2	8091	9.2	172751.6	-4101.0
7822	10.3	165339.8	-4100.8	7912	7.9	170503.2	-4131.9	8002	8.8	171938.4	-4107.1	8092	9.5	172808.0	-4100.5
7823	10.4	165341.0	-4125.6	7913	10.4	170510.2	-4108.3	8003	9.5	171953.9	-4103.9	8093	9.6	172814.9	-4142.6
7824	10.4	165342.0	-4126.5	7914	10.3	170511.2	-4157.6	8004	9.0	171958.9	-4108.3	8094	9.6	172815.9	-4107.8
7825	8.8	165343.0	-4107.9	7915	9.2	170517.2	-4143.9	8005	9.0	172016.4	-4135.0	8095	9.3	172819.9	-4113.0
7826	10.4	165352.0	-4110.3	7916	10.2	170536.2	-4100.4	8006	9.4	172029.9	-4140.9	8096	9.4	172824.4	-4103.4
7827	10.4	165353.0	-4120.5	7917	8.8	170542.2	-4119.2	8007	9.7	172033.4	-4103.7	8097	9.8	172826.9	-4142.8
7828	8.6	165401.5	-4111.1	7918	9.2	170545.7	-4140.8	8008	9.4	172039.4	-4106.3	8098	8.7	172829.9	-4137.0
7829	10.3	165405.3	-4138.0	7919	10.0	170547.2	-4155.0	8009	9.7	172049.4	-4142.9	8099	9.4	172830.4	-4123.0
7830	10.4	165412.5	-4125.0	7920	10.4	170550.7	-4156.0	8010	9.7	172051.4	-4142.7	8100	9.3	172836.4	-4122.8
7831	10.4	165413.0	-4105.5	7921	10.4	170603.6	-4112.0	8011	9.6	172053.9	-4122.8	8101	9.6	172837.9	-4118.0
7832	10.0	165416.6	-4124.3	7922	8.8	170611.2	-4138.8	8012	8.9	172054.4	-4134.7	8102	9.8	172838.4	-4109.2
7833	9.8	165421.6	-4121.0	7923	10.3	170619.3	-4131.8	8013	9.2	172101.9	-4127.3	8103	9.1	172842.4	-4145.7
7834	9.6	165438.0	-4106.6	7924	10.4	170623.7	-4127.6	8014	8.4	172107.4	-4127.6	8104	9.6	172853.4	-4112.0
7835	10.4	165449.0	-4104.0	7925	10.3	170628.7	-4143.2	8015	9.8	172108.9	-4114.7	8105	9.3	172900.9	-4128.0
7836	10.4	165507.6	-4135.9	7926	9.6	170648.7	-4112.2	8016	9.8	172114.4	-4107.2	8106	9.0	172903.4	-4134.9
7837	10.4	165512.9	-4157.5	7927	10.4	170658.7	-4121.4	8017	9.3	172114.9	-4135.5	8107	9.8	172913.9	-4121.2
7838	10.3	165533.6	-4145.4	7928	9.6	170705.7	-4157.0	8018	9.8	172120.9	-4126.8	8108	9.1	172938.9	-4138.2
7839	10.4	165542.6	-4134.7	7929	9.1	170716.9	-4104.8	8019	9.6	172139.4	-4116.9	8109	9.4	172939.9	-4102.9
7840	10.4	165600.3	-4132.0	7930	9.8	170718.5	-4144.2	8020	9.8	172139.9	-4101.6	8110	9.0	172939.9	-4146.2
7841	10.4	165607.0	-4125.0	7931	8.7	170719.9	-4130.0	8021	9.8	172139.9	-4132.9	8111	9.8	173014.9	-4158.0
7842	10.4	165608.0	-4147.4	7932	8.9	170823.9	-4141.4	8022	8.4	172200.9	-4155.6	8112	9.8	173022.4	-4115.1
7843	10.2	165621.8	-4149.6	7933	8.0	170908.9	-4155.2	8023	9.8	172202.4	-4118.3	8113	9.0	173022.4	-4139.4
7844	8.4	165628.0	-4103.2	7934	9.5	170947.9	-4154.9	8024	9.6	172215.4	-4103.8	8114	9.6	173023.4	-4143.0
7845	10.3	165631.0	-4133.3	7935	9.8	170953.4	-4123.8	8025	9.5	172216.4	-4113.1	8115	9.0	173028.9	-4124.2
7846	10.4	165631.0	-4109.1	7936	9.3	171000.9	-4128.2	8026	9.8	172219.9	-4154.7	8116	9.8	173029.9	-4142.8
7847	10.4	165636.5	-4104.2	7937	9.5	171014.4	-4146.2	8027	9.8	172222.9	-4129.6	8117	9.8	173033.4	-4114.8
7848	10.4	165644.0	-4120.5	7938	9.6	171024.9	-4121.2	8028	9.6	172232.9	-4143.6	8118	8.7	173039.9	-4133.9
7849	10.4	165709.0	-4141.5	7939	8.9	171042.4	-4148.0	8029	8.8	172234.4	-4149.5	8119	8.6	173039.9	-4103.6
7850	10.4	165724.6	-4137.3	7940	8.2	171047.4	-4144.0	8030	8.4	172235.9	-4154.7	8120	9.8	173039.9	-4122.0
7851	9.4	165746.6	-4116.1	7941	8.4	171054.9	-4153.7	8031	9.5	172237.9	-4143.1	8121	9.6	173039.9	-4137.1
7852	10.3	165757.6	-4128.6	7942	9.2	171101.4	-4125.0	8032	9.8	172238.9	-4129.9	8122	9.6	173050.9	-4156.8
7853	8.5	165807.0	-4129.1	7943	9.8	171119.4	-4100.4	8033	8.8	172249.9	-4136.5	8123	8.3	173053.1	-4159.9
7854	9.2	165816.5	-4155.7	7944	9.6	171120.4	-4112.0	8034	9.3	172250.4	-4116.6	8124	9.8	173110.4	-4101.6
7855	9.4	165836.0	-4114.7	7945	9.2	171138.4	-4103.1	8035	9.5	172250.9	-4104.3	8125	9.6	173131.9	-4147.0
7856	9.6	165843.5	-4109.9	7946	9.5	171141.4	-4158.3	8036	9.8	172309.4	-4141.1	8126	9.0	173137.7	-4102.5
7857	10.4	165851.5	-4107.1	7947	9.8	171146.9	-4114.9	8037	9.8	172318.4	-4143.0	8127	9.3	173143.4	-4127.8
7858	8.8	165903.6	-4146.7	7948	9.4	171203.4	-4118.9	8038	9.8	172319.9	-4104.9	8128	9.4	173145.4	-4141.0
7859	7.3	165918.6	-4126.6	7949	8.4	171209.9	-4158.4	8039	9.8	172320.9	-4122.3	8129	9.7	173148.9	-4126.1
7860	9.4	165918.8	-4129.2	7950	8.9	171210.9	-4144.9	8040	9.8	172332.9	-4148.6	8130	8.6	173149.9	-4116.2
7861	8.8	165919.5	-4105.1	7951	9.8	171217.9	-4147.0	8041	8.4	172340.9	-4112.4	8131	9.7	173154.2	-4101.5
7862	8.6	165920.5	-4132.7	7952	9.1	171218.4	-4120.6	8042	9.1	172345.9	-4121.3	8132	9.7	173159.9	-4109.7
7863	10.3	165927.8	-4107.4	7953	9.6	171219.9	-4106.9	8043	9.4	172359.4	-4106.0	8133	9.4	173209.9	-4128.8
7864	9.2	165936.8	-4157.5	7954	8.7	171221.9	-4125.6	8044	9.8	172405.4	-4158.0	8134	8.4	173211.2	-4101.5
7865	10.4	165938.8	-4121.4	7955	8.9	171227.9	-4146.4	8045	7.0	172419.9	-4104.6	8135	9.4	173211.4	-4136.8
7866	9.8	170003.8	-4106.6	7956	9.3	171247.9	-4106.4	8046	9.8	172426.4	-4129.4	8136	9.7	173215.9	-4138.4
7867	10.4	170008.3	-4129.1	7957	9.4	171308.4	-4149.4	8047	9.8	172430.9	-4104.5	8137	9.7	173218.7	-4143.1
7868	10.4	170013.8	-4138.6	7958	9.6	171310.4	-4144.8	8048	9.8	172439.4	-4138.8	8138	8.0	173219.9	-4137.2
7869	9.4	170018.8	-4113.9	7959	9.3	171331.9	-4137.0	8049	9.6	172456.9	-4103.7	8139	9.6	173219.9	-4136.4
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7871	10.4	170028.6	-4101.8	7961	9.8	171357.9	-4150.9	8051	9.8	172501.4	-4153.1	8141	9.7	173231.9	-4133.1
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7873	10.0	170045.8	-4159.8	7963	9.8	171427.4	-4130.0	8053	9.2	172515.4	-4108.1	8143	9.5	173240.2	-4153.8
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7875	10.3	170058.8	-4123.9	7965	9.6	171439.4	-4129.9	8055	9.4	172522.9	-4117.6	8145	10.2	173252.6	-4145.5
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7877	10.4	170121.0	-4157.2	7967	9.6	171456.4	-4130.7	8057	9.6	172527.9	-4109.4	8147	9.8	173302.6	-4139.3
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8247 9.7 173911.8 -4138.1	8337 8.9 174405.0 -4130.1	8427 9.3 174933.0 -4134.2	8517 10.2 175534.8 -4113.4
8248 10.2 173915.8 -4146.2	8338 9.6 174411.0 -4143.9	8428 10.1 174941.0 -4118.1	8518 9.2 175543.3 -4124.2
8249 10.2 173921.3 -4145.1	8339 10.0 174414.0 -4118.1	8429 10.1 174942.0 -4115.1	8519 8.0 175544.3 -4158.2
8250 9.2 173925.8 -4115.8	8340 9.8 174426.0 -4137.3	8430 10.2 174943.0 -4142.1	8520 9.9 175550.3 -4147.2
8251 9.6 173926.3 -4156.7	8341 10.2 174434.0 -4112.1	8431 10.2 174945.0 -4122.1	8521 10.2 175555.8 -4146.2
8252 9.4 173929.8 -4143.2	8342 9.4 174435.5 -4106.6	8432 9.8 174947.5 -4124.9	8522 9.9 175556.8 -4156.2
8253 9.9 173930.8 -4124.6	8343 10.2 174437.0 -4150.8	8433 9.8 174952.7 -4156.8	8523 10.2 175601.3 -4109.8
8254 10.2 173935.8 -4151.1	8344 9.0 174438.2 -4157.9	8434 9.7 174956.5 -4109.5	8524 9.8 175602.8 -4129.9
8255 10.2 173950.3 -4116.4	8345 10.1 174454.5 -4109.1	8435 10.2 174957.5 -4116.0	8525 9.4 175603.3 -4147.1
8256 10.0 173952.8 -4105.9	8346 8.8 174501.0 -4108.6	8436 9.7 175001.0 -4154.5	8526 9.8 175605.3 -4115.6

-41 8527 17h56m

-41 8886 18h58m

8527	9.7	175610.8	-4153.4	8617	9.8	180246.6	-4123.2	8707	9.8	182400.8	-4114.3
8528	9.9	175611.3	-4121.0	8618	7.8	180336.6	-4144.4	8708	9.8	182409.9	-4148.4
8529	10.2	175620.8	-4104.8	8619	9.8	180341.6	-4117.9	8709	8.8	182410.9	-4144.1
8530	10.2	175621.8	-4102.9	8620	6.0	180421.6	-4121.6	8710	9.8	182431.9	-4157.7
8531	10.2	175631.3	-4104.3	8621	9.0	180430.6	-4125.0	8711	9.8	182432.4	-4145.7
8532	10.2	175637.3	-4104.8	8622	9.8	180434.6	-4130.8	8712	9.6	182435.4	-4156.6
8533	10.2	175651.3	-4137.5	8623	9.8	180445.6	-4132.9	8713	9.7	182456.9	-4105.0
8534	8.7	175652.3	-4125.9	8624	8.1	180450.6	-4109.2	8714	9.8	182457.9	-4137.3
8535	9.7	175653.3	-4121.1	8625	9.7	180501.6	-4135.9	8715	7.8	182515.9	-4118.3
8536	10.1	175656.3	-4150.8	8626	9.8	180508.2	-4103.3	8716	8.6	182538.7	-4132.0
8537	10.0	175656.8	-4130.0	8627	9.8	180523.6	-4122.7	8717	9.6	182539.4	-4125.2
8538	10.1	175700.1	-4101.9	8628	7.8	180527.1	-4156.3	8718	9.8	182540.0	-4158.2
8539	10.2	175701.8	-4126.0	8629	9.7	180533.6	-4112.1	8719	9.8	182603.6	-4138.6
8540	10.2	175703.8	-4103.0	8630	9.8	180618.6	-4138.0	8720	9.8	182613.0	-4103.0
8541	10.2	175709.3	-4125.0	8631	9.7	180700.6	-4121.3	8721	9.2	182628.3	-4117.7
8542	10.2	175711.3	-4148.6	8632	9.6	180705.6	-4104.5	8722	9.4	182653.4	-4129.9
8543	10.0	175713.3	-4147.6	8633	9.2	180707.6	-4154.3	8723	9.8	182726.8	-4159.7
8544	10.2	175717.3	-4105.5	8634	9.1	180707.6	-4151.9	8724	9.4	182730.9	-4102.5
8545	9.6	175719.8	-4102.7	8635	8.1	180716.3	-4139.5	8725	10.2	182732.3	-4109.1
8546	9.4	175721.3	-4139.3	8636	9.7	180725.3	-4100.0	8726	8.3	182744.9	-4145.6
8547	9.8	175722.3	-4105.0	8637	9.7	180830.8	-4116.4	8727	9.9	182749.4	-4143.0
8548	10.0	175729.3	-4109.9	8638	9.8	180833.2	-4153.3	8728	10.2	182831.9	-4155.4
8549	10.2	175731.3	-4107.0	8639	9.8	180914.2	-4113.1	8729	9.2	182842.1	-4157.4
8550	8.9	175732.8	-4145.3	8640	9.8	181045.3	-4152.1	8730	10.2	182842.9	-4142.2
8551	8.2	175733.3	-4145.8	8641	9.8	181107.8	-4147.6	8731	7.9	182852.9	-4142.8
8552	8.8	175736.8	-4141.4	8642	9.0	181153.8	-4123.7	8732	9.0	182858.9	-4132.8
8553	10.2	175737.3	-4116.9	8643	9.8	181159.8	-4146.8	8733	9.9	182921.4	-4148.4
8554	10.2	175739.3	-4114.2	8644	9.0	181213.8	-4151.6	8734	9.7	182951.9	-4133.2
8555	9.8	175739.3	-4126.4	8645	9.8	181233.8	-4120.3	8735	9.7	182952.9	-4148.9
8556	10.1	175742.3	-4139.2	8646	9.7	181304.8	-4103.4	8736	10.0	183017.9	-4154.2
8557	9.9	175755.3	-4117.9	8647	9.8	181307.6	-4111.6	8737	8.8	183025.4	-4140.1
8558	9.2	175757.8	-4153.7	8648	9.8	181310.8	-4121.8	8738	10.2	183028.9	-4139.8
8559	10.0	175800.8	-4137.3	8649	9.8	181318.3	-4145.0	8739	10.0	183037.4	-4123.2
8560	9.8	175801.3	-4114.5	8650	9.8	181346.3	-4127.2	8740	8.3	183038.4	-4132.7
8561	10.0	175801.3	-4133.1	8651	8.5	181350.3	-4113.6	8741	9.0	183054.4	-4118.7
8562	10.2	175802.3	-4113.7	8652	9.8	181403.8	-4121.8	8742	10.2	183058.9	-4114.4
8563	8.6	175808.8	-4138.7	8653	9.6	181405.8	-4156.4	8743	8.8	183106.4	-4143.0
8564	10.2	175809.8	-4156.2	8654	9.8	181408.3	-4151.4	8744	9.5	183123.4	-4104.9
8565	10.1	175812.3	-4111.7	8655	9.6	181502.3	-4118.2	8745	10.2	183215.4	-4136.9
8566	9.8	175817.8	-4144.6	8656	8.4	181511.8	-4139.6	8746	9.7	183215.4	-4110.5
8567	9.6	175829.3	-4121.6	8657	9.6	181513.3	-4149.4	8747	9.7	183215.4	-4105.6
8568	10.2	175830.3	-4149.9	8658	9.8	181519.3	-4110.2	8748	9.8	183220.4	-4145.9
8569	9.6	175831.3	-4145.9	8659	9.0	181521.8	-4145.8	8749	9.7	183220.9	-4154.3
8570	10.2	175831.8	-4153.5	8660	9.8	181534.8	-4107.9	8750	8.6	183223.3	-4133.0
8571	10.0	175831.8	-4124.9	8661	9.2	181551.3	-4149.8	8751	10.2	183254.8	-4140.6
8572	10.2	175835.3	-4120.3	8662	9.4	181629.3	-4124.2	8752	8.9	183307.8	-4151.6
8573	10.2	175837.3	-4122.4	8663	8.6	181629.8	-4148.2	8753	9.9	183312.3	-4119.2
8574	10.2	175838.3	-4102.7	8664	9.0	181630.8	-4120.0	8754	10.2	183401.3	-4142.1
8575	10.2	175841.3	-4149.2	8665	9.4	181642.8	-4145.4	8755	10.2	183412.3	-4141.7
8576	9.2	175847.3	-4118.9	8666	9.8	181653.2	-4139.0	8756	9.5	183421.5	-4158.2
8577	10.2	175850.8	-4109.4	8667	9.8	181702.8	-4118.7	8757	10.2	183441.3	-4106.1
8578	9.7	175853.3	-4127.0	8668	9.1	181735.3	-4107.8	8758	8.9	183519.8	-4137.6
8579	10.2	175853.8	-4119.5	8669	9.6	181820.8	-4116.9	8759	9.0	183532.8	-4105.1
8580	10.2	175859.8	-4153.9	8670	9.4	181831.7	-4157.9	8760	8.6	183547.3	-4129.9
8581	10.2	175901.3	-4150.2	8671	9.8	181841.5	-4100.9	8761	7.8	183549.3	-4133.2
8582	9.2	175916.3	-4137.8	8672	9.6	181841.8	-4139.8	8762	9.6	183602.8	-4111.7
8583	10.1	175920.3	-4154.8	8673	9.6	181852.8	-4102.2	8763	9.0	183622.8	-4133.5
8584	10.2	175924.3	-4129.9	8674	9.8	181853.3	-4139.8	8764	10.2	183624.3	-4122.5
8585	10.2	175929.3	-4143.1	8675	9.8	181853.3	-4110.8	8765	9.8	183634.3	-4149.2
8586	9.4	175932.3	-4112.9	8676	8.6	181906.8	-4105.1	8766	8.4	183701.3	-4135.6
8587	10.2	175936.3	-4139.5	8677	9.7	181917.8	-4106.9	8767	9.7	183709.3	-4129.2
8588	9.7	175938.8	-4124.5	8678	9.0	181920.3	-4131.0	8768	10.2	183720.8	-4148.7
8589	10.1	175939.3	-4146.7	8679	9.0	181927.5	-4132.2	8769	9.8	183740.8	-4152.6
8590	8.1	175942.0	-4157.1	8680	9.8	181930.0	-4110.6	8770	10.2	183748.3	-4106.3
8591	9.8	175944.8	-4116.9	8681	8.5	181944.0	-4103.9	8771	8.6	183811.3	-4117.3
8592	9.0	175947.0	-4133.2	8682	9.0	181945.5	-4112.5	8772	10.2	183834.8	-4152.3
8593	10.0	175948.7	-4112.7	8683	9.7	181949.0	-4119.5	8773	10.0	183849.3	-4143.2
8594	9.7	175950.8	-4122.3	8684	9.8	181949.5	-4118.4	8774	9.0	183900.6	-4101.4
8595	10.2	175950.8	-4105.7	8685	8.8	181951.5	-4144.9	8775	10.2	183912.8	-4155.0
8596	9.6	175951.3	-4112.3	8686	9.8	181953.5	-4130.5	8776	10.0	183921.8	-4117.9
8597	10.1	175951.8	-4104.7	8687	9.4	182038.0	-4139.2	8777	9.9	183929.8	-4131.0
8598	9.9	180001.3	-4133.7	8688	9.8	182045.5	-4135.9	8778	8.9	183943.3	-4146.4
8599	9.6	180006.3	-4125.8	8689	9.7	182106.0	-4138.7	8779	8.2	183950.9	-4101.4
8600	9.9	180007.3	-4127.5	8690	9.8	182115.4	-4153.	8780	8.2	184001.8	-4128.1
8601	10.0	180011.4	-4144.9	8691	9.4	182117.0	-4123.	8781	10.2	184036.0	-4134.2
8602	9.8	180020.4	-4153.2	8692	9.6	182120.5	-4102.0	8782	9.7	184038.5	-4127.9
8603	8.5	180022.4	-4159.9	8693	8.5	182143.9	-4112.6	8783	10.2	184040.5	-4120.9
8604	9.7	180023.4	-4123.2	8694	9.8	182156.8	-4158.7	8784	10.2	184109.5	-4114.3
8605	10.0	180034.4	-4118.4	8695	9.7	182204.9	-4155.3	8785	10.2	184144.0	-4124.7
8606	10.2	180037.4	-4143.9	8696	9.8	182205.5	-4156.0	8786	7.0	184211.5	-4112.1
8607	10.2	180037.9	-4157.0	8697	6.4	182209.9	-4159.7	8787	10.2	184212.0	-4154.5
8608	9.6	180038.9	-4128.6	8698	9.8	182231.4	-4126.8	8788	8.2	184232.5	-4140.1
8609	9.8	180053.6	-4148.9	8699	8.4	182241.4	-4108.8	8789	10.2	184248.0	-4151.1
8610	9.8	180128.1	-4146.5	8700	7.8	182246.9	-4144.3	8790	10.2	184300.5	-4158.6
8611	9.7	180134.2	-4146.3	8701	9.8	182249.4	-4122.9	8791	9.9	184303.0	-4154.0
8612	8.4	180201.2	-4143.5	8702	9.0	182313.9	-4111.9	8792	10.0	184311.5	-4156.1
8613	9.8	180207.7	-4114.5	8703	9.7	182315.4	-4118.7	8793	10.2	184319.5	-4159.0
8614	6.4	180213.7	-4122.5	8704	9.8	182318.4	-4154.7	8794	7.8	184321.5	-4151.1
8615	9.1	180224.2	-4102.7	8705	9.4	182326.4	-4159.9	8795	7.5	184331.0	-4103.7
8616	9.6	180240.7	-4126.0	8706	9.2	182349.2	-4158.4	8796	8.8	184332.5	-4119.3
8797	9.8	184348.5	-4143.5								
8798	10.0	184359.5	-4127.7								
8799	8.2	184408.5	-4122.3								
8800	9.0	184417.0	-4109.7								
8801	9.6	184431.5	-4104.7								
8802	10.2	184435.0	-4104.2								
8803	9.5	184436.0	-4121.3								
8804	9.8	184451.0	-4106.5								
8805	9.5	184456.5	-4149.5								
8806	10.0	184505.0	-4151.2								
8807	10.0	184505.5	-4128.3								
8808	10.2	184531.5	-4134.5								
8809	9.6	184539.0	-4108.5								
8810	10.0	184557.5	-4115.9								
8811	9.2	184602.5	-4103.5								
8812	8.9	184607.6	-4135.0								
8813	9.6	184614.5	-4100.0								
8814	9.0	184617.1	-4145.9								
8815	10.0	184617.6	-4112.9								
8816	9.2	184628.6	-4105.0								
8817	10.2	184633.6	-4122.8								
8818	8.7	184639.1	-4103.9								
8819	9.6	184655.6	-4151.7								
8820	9.9	184700.6	-4141.8								
8821	10.2	184710.6	-4147.6								
8822	9.0	184725.6	-4130.3								
8823	9.7	184748.1	-4117.1								
8824	9.9	184800.6	-4149.0								
8825	10.2	184809.6	-4158.9								
8826	9.9	184819.6	-4125.8								
8827	10.2	184821.6	-4135.1								
8828	10.2	184832.6	-4153.8								
8829	10.2	184843.3	-4114.0								
8830	8.6	184845.1	-4151.2								
8831	9.8	184917.1	-4138.9								
8832	8.9	184955.1	-4114.0								
8833	8.4	184955.6	-4144.1								
8834	9.8	184958.6	-4124.2								
8835	10.2	185006.6	-4138.5								
8836	8.0	185009.6	-4128.6								
8837	10.2	185021.5	-4122.5								
8838	10.2	185046.5	-4147.3								
8839	10.2	185106.5	-4100.3								
8840	9.2	185108.5	-4128.0								
8841	10.0	185111.5	-4116.2								
8842	10.2	185119.5	-4129.0								
8843	9.0	185141.0	-4137.0								
8844	8.5	185200.0	-4135.2								
8845	10.0	185244.5	-4130.0								
8846	9.6	185251.0	-4117.1								
8847	10.8	185305.2	-4151.8								
8848	10.4	185318.2	-4136.3								
8849	10.0	185320.2	-4137.9								
8850	10.2	185323.2	-4131.7								
8851	10.8	185327.5	-4157.1								
8852	8.3	185339.7	-4126.6								
8853	10.8	185354.4	-4157.1								
8854	10.8	185356.7	-4145.1								
8855	10.8	185423.2	-4159.7								
8856	10.2	185429.7	-4111.8								
8857	9.4	185437.7	-4109.5								
8858	10.8	185451.7	-4116.6								
8859	10.8	185455.7	-4159.9								
8860	10.8	185458.2	-4119.0								
8861	10.2	185514.7	-4116.3								
8862	9.4	185517.7	-4150.0								
8863	9.4	185520.2	-4136.3								
8864	9.5	185536.7	-4120.9								
8865	9.1	185549.2	-4127.5								
8866	10.8	185551.7	-4149.2								
8867	9.4	185604.7	-4128.1								
8868	9.4	185611.2	-4146.8								
8869	10.4	185613.3	-4127.9								
8870	10.4	185616.3	-4132.7								
8871	9.8	185621.8	-4152.7								
8872	9.8	185622.8	-4152.3								
8873	9.4	185637.6	-4102.5								
8874	8.5	185639.3	-4155.3								
8875	10.8	185649.3	-4108.4								
8876	10.4	185659.6	-4100.4								
8877	10.6	185707.8	-4152.1								
8878	10.2	185714.8	-4133.3								
8879	10.8	185733.3	-4124.5								
8880	10.8	185752.8	-4144.9								
8881	8.8	185757.8	-4143.5								
8882	9.1	185819.8	-4154.5								
8883	10.4	185828.3	-4149.7								
8884	9.8	185836.8	-4114.7								
8885	10.4	185836.8	-4130.3								
8886	9.1	185839.8	-4140.9								

-41 8887 18h58m

-41 9246 19h50m

8887 10.8 185852.3 -4147.2	8977 10.0 190710.1 -4123.6	9067 9.4 191533.2 -4132.5	9157 9.2 193153.2 -4111.6
8888 10.8 185852.8 -4154.7	8978 10.4 190713.1 -4155.4	9068 10.0 191546.2 -4110.0	9158 9.0 193158.2 -4131.9
8889 10.8 185858.3 -4101.1	8979 10.2 190716.1 -4140.7	9069 10.8 191546.3 -4116.0	9159 8.6 193218.2 -4140.4
8890 9.8 185901.8 -4133.5	8980 10.8 190723.6 -4128.0	9070 10.0 191554.5 -4157.4	9160 9.2 193308.2 -4127.8
8891 10.8 185905.8 -4152.0	8981 10.4 190735.1 -4107.8	9071 10.4 191632.2 -4143.9	9161 8.2 193320.2 -4147.9
8892 10.8 185908.3 -4116.7	8982 9.1 190739.6 -4146.2	9072 10.8 191653.2 -4113.3	9162 8.1 193322.2 -4145.0
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-41 9607 21h12m

-41 9966 23h39m

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9692 10.2 213656.9 -4114.2	9782 10.0 221720.8 -4114.5	9872 8.6 230217.6 -4140.0	9962 9.8 233740.9 -4150.6
9693 10.0 213701.4 -4131.1	9783 9.4 221827.3 -4133.2	9873 10.3 230221.6 -4129.8	9963 10.0 233807.2 -4130.1
9694 9.4 213712.4 -4118.8	9784 9.8 221839.3 -4128.5	9874 7.2 230311.1 -4116.0	9964 9.4 233849.9 -4137.0
9695 9.2 213743.4 -4138.8	9785 9.2 221903.3 -4143.7	9875 10.3 230406.5 -4102.3	9965 8.1 233915.2 -4146.3
9696 10.0 213752.4 -4124.1	9786 9.8 221924.8 -4128.2	9876 10.3 230409.8 -4117.4	9966 9.6 233928.9 -4156.9

9967	8.9	233958.0	-4122.0	50	10.1	02736.3	-4239.2	140	10.0	12250.6	-4206.6	230	10.2	22356.6	-4239.9
9968	8.9	234020.9	-4124.3	51	10.0	02744.8	-4241.1	141	9.0	12347.6	-4205.6	231	8.8	22359.5	-4226.1
9969	10.0	234037.4	-4127.5	52	9.7	02821.3	-4241.1	142	8.9	12350.1	-4228.7	232	7.8	22418.0	-4237.9
9970	9.2	234252.9	-4134.8	53	10.1	02842.8	-4237.0	143	7.7	12653.1	-4208.9	233	8.8	22450.5	-4224.9
9971	9.2	234258.4	-4104.3	54	8.6	02910.3	-4224.6	144	9.4	12733.6	-4252.5	234	9.2	22532.7	-4248.4
9972	9.8	234312.9	-4110.3	55	10.0	02919.3	-4234.1	145	9.7	12810.1	-4241.7	235	9.2	22638.3	-4221.3
9973	9.6	234326.9	-4143.3	56	10.1	02957.3	-4241.0	146	8.6	12835.1	-4204.6	236	10.2	22638.5	-4231.7
9974	10.0	234329.9	-4133.1	57	10.1	03039.3	-4227.1	147	9.9	12939.6	-4228.4	237	9.6	22848.0	-4209.6
9975	10.0	234338.9	-4127.6	58	8.6	03106.8	-4227.3	148	8.5	13006.3	-4258.0	238	9.2	22906.5	-4225.3
9976	10.0	234344.4	-4132.4	59	10.1	03116.8	-4207.9	149	9.7	13113.6	-4250.9	239	9.7	22925.0	-4251.2
9977	9.8	234402.9	-4151.7	60	7.4	03204.3	-4216.7	150	9.7	13208.1	-4216.0	240	9.2	22934.0	-4252.0
9978	10.0	234405.2	-4101.9	61	8.1	03302.8	-4235.2	151	9.8	13215.1	-4249.2	241	9.4	22948.5	-4242.9
9979	9.4	234405.5	-4129.5	62	8.0	03346.2	-4220.7	152	10.0	13253.1	-4209.0	242	9.2	23000.9	-4229.5
9980	8.5	234449.9	-4110.8	63	10.0	03410.8	-4203.8	153	10.0	13301.1	-4207.2	243	8.2	23009.4	-4239.6
9981	10.0	234456.9	-4114.9	64	8.4	03542.3	-4242.1	154	9.5	13347.1	-4226.8	244	8.9	23256.9	-4226.7
9982	6.9	234511.2	-4131.2	65	10.1	03616.8	-4213.6	155	8.9	13355.4	-4207.0	245	7.8	23320.9	-4226.8
9983	10.0	234630.4	-4149.1	66	9.7	03653.8	-4218.3	156	9.4	13429.5	-4257.3	246	8.2	23324.4	-4205.7
9984	8.6	234647.6	-4116.5	67	10.0	03947.4	-4254.3	157	9.8	13643.2	-4251.1	247	9.7	23347.4	-4202.4
9985	9.0	234704.7	-4124.9	68	8.0	03949.3	-4235.4	158	10.0	13652.7	-4209.5	248	9.7	23403.0	-4218.2
9986	8.8	234858.8	-4157.6	69	10.2	04025.6	-4234.6	159	8.1	13721.7	-4216.6	249	9.3	23412.4	-4235.9
9987	10.0	235045.5	-4148.2	70	9.2	04029.6	-4224.3	160	10.0	13726.6	-4251.8	250	9.0	23426.4	-4253.2
9988	10.2	235130.8	-4138.5	71	8.6	04042.1	-4250.6	161	9.6	13856.2	-4253.3	251	9.7	23458.9	-4216.6
9989	9.8	235233.1	-4159.1	72	9.3	04107.1	-4231.8	162	9.2	13938.2	-4221.4	252	9.6	23520.9	-4245.9
9990	9.0	235305.8	-4138.2	73	9.4	04111.6	-4250.6	163	9.1	13940.7	-4240.8	253	9.7	23535.9	-4207.0
9991	8.4	235336.9	-4117.2	74	10.0	04217.1	-4228.3	164	10.0	14025.4	-4221.3	254	9.2	23537.4	-4215.9
9992	8.8	235353.1	-4159.5	75	9.5	04237.6	-4220.4	165	10.0	14059.4	-4244.3	255	9.6	23546.9	-4221.6
9993	9.6	235354.0	-4144.2	76	10.1	04258.6	-4215.5	166	9.6	14103.2	-4248.4	256	8.6	23619.9	-4234.3
9994	9.8	235403.0	-4101.9	77	8.3	04453.1	-4214.2	167	9.6	14115.7	-4249.4	257	8.6	23642.9	-4212.8
9995	7.6	235407.2	-4123.1	78	9.6	04455.1	-4251.2	168	10.0	14124.2	-4205.0	258	9.2	23644.9	-4251.7
9996	9.6	235511.3	-4153.5	79	9.8	04535.1	-4210.0	169	8.0	14129.2	-4246.4	259	9.0	23659.4	-4243.7
9997	10.2	235513.3	-4135.1	80	9.5	04538.0	-4240.2	170	7.1	14158.7	-4223.2	260	9.2	23834.9	-4223.0
9998	9.6	235603.2	-4140.5	81	9.8	04556.0	-4254.3	171	10.0	14248.7	-4245.6	261	8.4	24013.5	-4224.0
9999	10.0	235608.2	-4112.3	82	10.2	04607.5	-4255.2	172	7.0	14258.7	-4207.4	262	8.5	24015.0	-4257.7
10000	10.2	235620.1	-4152.7	83	9.4	04806.0	-4201.5	173	10.0	14300.2	-4244.6	263	9.7	24020.0	-4202.8
10001	8.8	235620.8	-4140.7	84	9.2	04826.5	-4207.4	174	10.0	14442.2	-4244.2	264	9.2	24040.5	-4205.3
10002	8.6	235622.3	-4130.2	85	9.8	04910.3	-4200.4	175	8.8	14607.2	-4232.8	265	9.2	24201.5	-4212.8
10003	8.8	235716.3	-4147.5	86	9.4	04917.0	-4239.4	176	10.0	14738.3	-4239.7	266	9.2	24231.0	-4231.9
10004	9.1	235822.9	-4135.7	87	9.3	05109.0	-4212.5	177	9.4	14758.3	-4209.5	267	9.6	24451.5	-4211.6
10005	10.2	235823.9	-4103.2	88	10.2	05227.4	-4217.3	178	10.0	14810.3	-4241.8	268	9.0	24508.0	-4231.4
10006	9.8	235910.9	-4136.3	89	10.1	05230.5	-4236.0	179	9.1	14852.8	-4218.2	269	8.3	24542.5	-4244.6
10007	10.0	235922.0	-4141.3	90	10.0	05255.0	-4251.5	180	9.3	14947.3	-4216.7	270	9.6	24717.3	-4242.0
1	9.2	00048.0	-4247.0	91	8.4	05318.0	-4224.9	181	8.8	15035.8	-4212.0	271	9.4	24743.8	-4237.3
2	9.6	00053.7	-4233.8	92	9.5	05404.0	-4239.5	182	10.0	15055.8	-4208.9	272	9.2	25209.8	-4256.7
3	8.0	00054.0	-4235.1	93	10.2	05439.0	-4204.4	183	9.6	15128.5	-4259.1	273	10.0	25312.1	-4240.1
4	9.4	00133.7	-4250.9	94	9.3	05508.5	-4208.0	184	10.0	15151.3	-4220.5	274	9.1	25427.6	-4252.5
5	9.4	00141.7	-4256.0	95	10.0	05558.5	-4247.6	185	9.3	15314.8	-4201.1	275	9.6	25515.8	-4259.3
6	9.0	00259.2	-4234.9	96	10.2	05602.0	-4201.2	186	6.6	15429.3	-4238.1	276	9.0	25519.1	-4229.2
7	10.2	00346.5	-4207.0	97	9.5	05604.5	-4221.2	187	8.6	15455.3	-4209.1	277	7.8	25530.1	-4222.2
8	9.8	00351.4	-4205.2	98	9.0	05614.5	-4213.0	188	7.8	15518.3	-4222.8	278	9.8	25609.1	-4208.5
9	9.0	00436.8	-4256.8	99	10.2	05624.0	-4213.8	189	9.6	15538.8	-4251.9	279	8.7	25724.1	-4219.8
10	7.0	00538.9	-4252.0	100	9.1	05637.0	-4247.8	190	10.0	15724.3	-4244.7	280	8.7	25759.1	-4216.5
11	10.1	00612.9	-4207.9	101	10.2	05847.0	-4242.6	191	9.0	15736.3	-4214.3	281	10.0	25839.9	-4200.3
12	8.6	00724.4	-4254.1	102	9.8	05933.0	-4242.8	192	9.0	15918.8	-4240.1	282	9.8	30119.7	-4219.1
13	9.7	00739.4	-4245.3	103	8.6	05956.5	-4202.4	193	9.4	20009.7	-4219.5	283	9.0	30159.7	-4211.1
14	9.9	00749.6	-4259.2	104	8.3	10001.0	-4212.0	194	9.3	20020.3	-4232.7	284	8.7	30336.0	-4259.8
15	9.8	00751.6	-4233.7	105	8.1	10019.5	-4230.3	195	10.0	20029.1	-4258.5	285	8.7	30542.7	-4242.2
16	10.2	00751.8	-4256.1	106	9.6	10021.0	-4244.2	196	9.2	20042.6	-4231.7	286	8.6	30602.2	-4224.5
17	10.2	00820.8	-4230.5	107	8.6	10021.0	-4210.3	197	10.0	20125.8	-4252.1	287	9.4	30804.3	-4258.2
18	8.4	00856.8	-4247.9	108	10.1	10058.0	-4253.0	198	9.8	20135.4	-4237.1	288	9.4	30820.2	-4256.2
19	8.0	00859.3	-4251.7	109	10.1	10100.0	-4258.2	199	6.4	20300.5	-4228.4	289	7.7	30825.7	-4250.6
20	9.6	00918.3	-4221.4	110	7.1	10148.5	-4224.7	200	10.2	20422.0	-4225.9	290	10.0	31033.7	-4211.0
21	8.8	01027.8	-4226.6	111	5.8	10205.5	-4209.3	201	8.8	20632.5	-4227.4	291	8.7	31104.4	-4241.8
22	10.2	01059.9	-4201.4	112	10.1	10318.5	-4201.0	202	10.2	20751.0	-4203.3	292	10.0	31132.9	-4211.6
23	10.2	01144.7	-4227.4	113	8.7	10322.5	-4254.1	203	8.5	20753.5	-4202.3	293	9.4	31156.4	-4242.2
24	9.9	01429.3	-4250.6	114	9.6	10413.5	-4217.9	204	10.2	20819.5	-4253.2	294	8.7	31215.9	-4259.3
25	10.1	01500.7	-4258.5	115	10.2	10522.5	-4237.0	205	10.2	20842.5	-4239.7	295	9.6	31234.4	-4215.0
26	9.6	01523.5	-4203.5	116	9.8	10527.0	-4255.5	206	8.8	20843.5	-4221.6	296	9.2	31239.4	-4251.3
27	9.4	01547.5	-4223.6	117	9.2	10529.0	-4202.1	207	9.4	20848.5	-4219.7	297	8.8	31334.9	-4201.9
28	9.0	01602.5	-4222.0	118	9.2	10629.3	-4211.1	208	9.0	20908.0	-4217.5	298	8.7	31357.9	-4243.8
29	8.1	01606.0	-4237.6	119	10.2	10640.6	-4201.5	209	9.8	20957.5	-4213.1	299	9.2	31411.9	-4204.8
30	9.4	01629.0	-4254.5	120	10.2	10709.7	-4228.3	210	9.6	21028.5	-4213.4	300	9.2	31412.4	-4213.0
31	9.3	01814.6	-4201.6	121	10.2	10736.2	-4211.5	211	9.2	21059.0	-4222.6	301	10.0	31432.9	-4235.8
32	7.8	01846.0	-4234.7	122	9.8	10746.2	-4213.3	212	9.6	21149.0	-4219.9	302	9.4	31542.9	-4209.8
33	9.7	01852.5	-4250.5	123	10.0	10758.3	-4234.5	213	8.8	21159.5	-4233.0	303	9.6	31614.4	-4218.7
34	4.7	02006.1	-4259.3	124	9.0	10803.8	-4253.2	214	8.6	21409.5	-4235.7	304	9.2	31804.4	-4242.8
35	9.3	02010.0	-4241.9	125	8.1	10848.3	-4233.2	215	6.7	21426.5	-4225.4	305	9.6	31822.4	-4214.8
36	10.0	02019.5	-4236.0	126	9.9	10921.9	-4206.2	216	9.0	21509.0	-4229.6	306	8.6	31913.4	-4212.4
37	10.1	02023.0	-4232.3	127	9.9	10924.4	-4244.3	217	9.4	21511.5	-4250.7	307	9.8	31917.4	-4250.4
38	8.0	02129.0	-4204.5	128	7.0	11036.9	-4240.2	218	10.2	21556.0	-4206.9	308	9.6	31959.1	-4252.3
39	9.4	02147.5	-4239.5	129	9.0	11110.4	-4231.9	219	9.2	21609.0	-4212.0	309	10.0	32048.4	-4213.4
40	10.0	02341.5	-4236.7	130	9.2	11217.9	-4214.7	220	10.2	21723.0	-4252.0	310	10.0	32106.1	-4225.1
41	10.0	02431.5	-4201.3	131	10.0	11243.8	-4250.3	221	8.1	21803.0	-4233.6	311	9.7	32134.6	-4223.8
42	10.1	02440.0	-4243.9	132	8.8	11557.9	-4247.5	222	10.0	21805.0	-4237.1	312	6.8	32142.9	-4204.6
43	8.5	02442.0	-4204.8	133	9.2	11807.9	-4227.5	223	9.4	21809.5	-4256.4	313	9.7	32200.3	-4234.2
44	9.4	02451.5	-4230.3	134	6.6	11908.9	-4208.6	224	10.0	21838.5	-4249.3	314	10.0	32257.3	-4203.0
45	8.5	02502.0	-4259.1	135	9.2	11917.4	-4227.3	225	6.8	21957.5	-4243.6	315	8.8	32407.2	-4202.5
46	8.6	02508.0	-4234.1	136	10.0	12000.9	-4227.5	226	9.4	22050.5	-4244.1	316	9.6	32434.8	-4241.3
47	9.2	02617.4	-4200.5	137	10.0	12054.6	-4206.7	227	9.8	22109.0	-4213.7	317	10.0	32447.9	-4204.3
48	9.0	02620.3	-4220.1	138	9.5	12127.6	-4211.2	228	10.2	22228.5	-4244.8	318	7.7	32503.8	-4253.9
49	8.6	02621.3	-4247.0	139	7.2	12128.1	-4223.6	229	7.8	22321.8	-4259.1	319	10.0	32514.7	-4214.9

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320	10.0	32524.7	-4214.3
321	10.0	32538.2	-4214.9
322	9.4	32538.2	-4240.3
323	9.7	32540.2	-4245.8
324	8.4	32548.2	-4204.6
325	8.8	32550.0	-4202.4
326	8.8	32616.0	-4257.0
327	9.6	32803.5	-4239.3
328	9.7	32818.0	-4255.7
329	8.8	32832.0	-4246.0
330	9.4	32929.0	-4248.1
331	9.0	32929.0	-4234.3
332	10.0	32942.9	-4247.0
333	9.7	33104.5	-4235.7
334	9.5	33140.0	-4210.3
335	9.4	33210.0	-4223.9
336	9.4	33222.0	-4211.3
337	10.0	33233.3	-4212.2
338	10.0	33233.8	-4213.3
339	8.2	33307.8	-4252.9
340	10.0	33308.9	-4214.7
341	9.5	33336.5	-4258.3
342	9.5	33337.8	-4249.4
343	9.7	33343.3	-4241.3
344	8.8	33353.8	-4206.0
345	10.0	33420.3	-4209.5
346	9.7	33446.3	-4217.3
347	9.7	33559.8	-4211.3
348	9.4	33601.3	-4201.2
349	9.5	33607.8	-4245.2
350	9.7	33618.2	-4236.9
351	10.0	33630.2	-4225.6
352	7.6	33701.2	-4209.2
353	9.1	33746.2	-4210.2
354	9.2	33849.2	-4236.7
355	9.7	33908.2	-4229.6
356	8.2	33959.2	-4217.4
357	8.7	34036.2	-4208.9
358	8.7	34115.7	-4226.4
359	9.4	34148.7	-4221.2
360	10.0	34229.6	-4259.3
361	9.4	34235.6	-4238.3
362	9.7	34309.6	-4252.1
363	10.0	34338.6	-4219.4
364	9.6	34445.1	-4242.7
365	10.0	34456.2	-4259.8
366	8.4	34619.3	-4257.8
367	9.7	34700.1	-4255.9
368	9.0	34718.6	-4234.7
369	9.3	34742.4	-4244.8
370	9.4	34742.8	-4241.7
371	9.6	34808.6	-4222.5
372	8.2	34837.6	-4220.7
373	9.4	34904.6	-4234.7
374	8.6	34951.1	-4214.5
375	9.3	35005.1	-4201.3
376	9.8	35010.6	-4229.5
377	10.3	35151.1	-4247.7
378	9.2	35214.9	-4259.4
379	8.6	35259.8	-4251.4
380	8.8	35307.1	-4202.8
381	10.3	35351.8	-4241.7
382	8.6	35408.8	-4211.9
383	7.7	35449.8	-4238.3
384	9.8	35455.8	-4250.6
385	7.9	35503.8	-4215.1
386	7.8	35550.3	-4244.6
387	10.3	35615.8	-4239.0
388	8.2	35616.3	-4206.0
389	10.0	35631.8	-4250.5
390	10.0	35655.3	-4221.8
391	10.0	35705.3	-4229.5
392	10.3	35721.8	-4210.8
393	9.8	35721.8	-4236.5
394	10.2	35721.8	-4254.9
395	9.3	35840.0	-4201.9
396	10.2	35920.0	-4221.1
397	9.3	35950.5	-4237.5
398	9.8	35951.0	-4228.9
399	8.6	40050.5	-4215.0
400	10.0	40107.0	-4229.1
401	8.6	40142.5	-4217.9
402	8.6	40211.5	-4244.1
403	8.5	40220.0	-4242.1
404	8.6	40248.5	-4200.5
405	10.2	40248.5	-4219.0
406	9.6	40252.5	-4220.5
407	9.3	40322.5	-4229.0
408	9.5	40407.5	-4211.5
409	9.5	40426.5	-4214.0
410	8.6	40552.3	-4215.0
411	9.5	40600.3	-4230.6
412	8.5	40604.8	-4257.0
413	5.1	40638.3	-4219.1
414	10.2	40654.3	-4210.2
415	9.8	40753.8	-4249.0
416	10.0	40807.3	-4245.1
417	8.8	40819.3	-4259.4
418	10.0	40827.3	-4222.6
419	9.6	40844.3	-4204.3
420	10.2	40853.3	-4242.8
421	9.3	40907.3	-4254.5
422	9.4	40940.8	-4253.3
423	9.8	40942.3	-4253.9
424	5.9	40951.8	-4236.2
425	10.3	41010.3	-4211.9
426	10.0	41029.3	-4252.2
427	9.5	41033.3	-4237.2
428	10.0	41048.3	-4209.5
429	9.5	41102.3	-4220.4
430	7.8	41203.7	-4256.3
431	10.2	41221.3	-4219.0
432	10.0	41246.8	-4225.2
433	10.3	41311.2	-4200.2
434	10.2	41313.8	-4256.2
435	10.1	41315.5	-4225.1
436	10.0	41358.1	-4226.8
437	10.1	41415.5	-4233.5
438	10.1	41420.1	-4207.4
439	9.4	41455.6	-4203.2
440	9.4	41508.1	-4253.1
441	8.6	41514.1	-4215.6
442	10.0	41518.5	-4219.9
443	10.0	41525.6	-4209.1
444	9.8	41534.1	-4207.9
445	8.2	41538.1	-4215.4
446	8.9	41549.6	-4258.7
447	10.0	41632.6	-4210.7
448	10.1	41659.6	-4257.2
449	8.4	41736.1	-4253.6
450	9.2	41739.1	-4238.8
451	8.2	41758.1	-4203.6
452	10.0	41902.6	-4229.5
453	9.5	41909.6	-4234.2
454	8.6	41942.6	-4216.3
455	10.1	41954.6	-4245.9
456	10.1	42117.6	-4233.8
457	10.0	42126.1	-4209.1
458	8.8	42152.6	-4241.4
459	10.1	42152.6	-4247.1
460	10.1	42215.1	-4253.7
461	10.1	42239.1	-4216.0
462	9.8	42248.1	-4236.8
463	9.2	42254.1	-4249.3
464	9.0	42254.1	-4229.0
465	8.9	42306.1	-4255.6
466	8.9	42347.6	-4230.0
467	10.1	42354.6	-4200.6
468	8.9	42401.6	-4224.3
469	7.6	42403.1	-4214.2
470	10.0	42407.6	-4218.4
471	9.2	42438.8	-4249.3
472	8.8	42448.8	-4217.1
473	9.0	42458.8	-4234.6
474	9.4	42458.8	-4202.9
475	10.1	42503.8	-4244.6
476	10.0	42509.8	-4221.6
477	7.8	42511.8	-4228.3
478	10.0	42517.8	-4215.4
479	9.0	42517.8	-4227.8
480	8.4	42523.8	-4249.4
481	10.0	42539.9	-4200.2
482	8.6	42555.9	-4224.2
483	8.9	42555.9	-4223.4
484	8.8	42600.9	-4208.1
485	10.0	42600.9	-4217.4
486	9.5	42601.9	-4211.1
487	9.6	42601.9	-4220.7
488	9.8	42649.4	-4254.9
489	10.1	42707.4	-4252.0
490	10.1	42714.4	-4226.2
491	8.7	42718.4	-4243.4
492	8.9	42831.4	-4246.3
493	10.1	42834.6	-4216.0
494	9.8	42841.9	-4234.5
495	9.8	42904.4	-4244.0
496	9.6	42942.4	-4208.2
497	9.4	43027.4	-4242.4
498	9.4	43030.9	-4246.6
499	8.7	43040.4	-4217.3
500	9.6	43054.4	-4236.4
501	8.9	43136.4	-4215.5
502	10.1	43153.9	-4210.6
503	10.0	43159.4	-4212.1
504	8.8	43230.4	-4234.6
505	9.5	43234.4	-4231.9
506	10.1	43249.6	-4255.2
507	6.8	43315.4	-4207.6
508	9.8	43322.9	-4237.7
509	9.0	43322.9	-4237.0
510	8.6	43322.9	-4218.4
511	10.0	43342.9	-4232.2
512	9.5	43427.9	-4236.0
513	5.7	43631.4	-4236.2
514	8.0	43656.4	-4204.6
515	10.0	43707.9	-4206.9
516	8.8	43725.4	-4235.7
517	10.1	43735.9	-4210.4
518	10.1	43737.8	-4252.4
519	8.7	43738.9	-4222.2
520	10.1	43738.9	-4257.2
521	10.0	43909.9	-4241.9
522	10.0	43913.9	-4250.9
523	10.0	43922.9	-4212.8
524	9.0	43936.6	-4254.7
525	9.8	44010.6	-4214.5
526	9.6	44018.9	-4212.3
527	9.8	44040.2	-4219.4
528	10.0	44056.2	-4229.5
529	9.4	44121.6	-4211.5
530	7.4	44136.9	-4247.0
531	10.1	44219.9	-4239.6
532	7.5	44238.4	-4219.3
533	8.2	44245.4	-4250.5
534	8.9	44358.4	-4206.5
535	8.6	44400.4	-4240.5
536	10.1	44407.4	-4204.5
537	10.1	44407.9	-4229.5
538	10.1	44425.4	-4213.7
539	8.5	44451.4	-4214.6
540	9.4	44507.9	-4248.5
541	7.5	44511.9	-4236.1
542	8.2	44517.4	-4235.9
543	7.5	44521.4	-4237.8
544	7.8	44529.9	-4210.7
545	8.1	44538.4	-4249.4
546	8.4	44540.4	-4204.2
547	9.3	44541.6	-4228.4
548	9.6	44551.4	-4245.7
549	8.8	44805.9	-4258.2
550	10.1	44818.9	-4227.1
551	9.6	44908.4	-4246.6
552	10.0	44930.9	-4255.0
553	9.4	45000.9	-4256.8
554	10.0	45001.9	-4247.6
555	10.1	45004.4	-4205.2
556	8.8	45005.4	-4235.8
557	9.2	45017.9	-4219.8
558	9.5	45022.9	-4202.5
559	8.9	45024.9	-4241.8
560	9.2	45042.9	-4247.2
561	9.4	45055.4	-4220.6
562	10.0	45111.9	-4223.8
563	9.8	45141.7	-4201.6
564	9.4	45153.4	-4215.0
565	9.8	45205.4	-4246.3
566	9.6	45214.4	-4237.2
567	9.8	45242.9	-4252.4
568	8.4	45245.4	-4257.6
569	7.7	45258.9	-4210.8
570	8.8	45348.9	-4230.6
571	10.0	45408.9	-4205.3
572	10.0	45456.4	-4202.4
573	10.0	45457.9	-4240.1
574	10.0	45511.4	-4224.6
575	8.8	45608.4	-4240.5
576	10.1	45620.9	-4211.2
577	9.8	45632.9	-4237.8
578	9.5	45657.4	-4224.3
579	8.6	45657.9	-4211.2
580	9.1	45718.9	-4210.1
581	9.4	45838.9	-4241.0
582	10.0	45901.4	-4258.4
583	10.1	45905.4	-4235.6
584	7.8	45905.9	-4240.4
585	8.8	45918.4	-4208.6
586	8.6	45924.4	-4235.5
587	10.0	45945.9	-4207.1
588	9.4	50006.9	-4232.0
589	9.5	50018.9	-4232.1

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590	9.5	50021.9	-4254.5
591	9.8	50049.4	-4212.1
592	9.0	50126.4	-4240.5
593	8.8	50131.9	-4217.6
594	8.4	50134.4	-4209.5
595	10.0	50135.9	-4213.8
596	9.8	50145.9	-4248.4
597	9.6	50156.4	-4248.4
598	8.9	50159.9	-4236.1
599	9.4	50205.5	-4202.1
600	9.8	50215.9	-4254.6
601	9.8	50231.9	-4200.0
602	9.1	50245.9	-4200.3
603	8.9	50250.4	-4206.2
604	8.0	50327.9	-4220.1
605	8.6	50331.9	-4201.9
606	8.8	50349.9	-4223.6
607	10.1	50415.9	-4200.3
608	9.1	50421.9	-4232.5
609	10.1	50447.7	-4240.4
610	7.5	50510.4	-4210.6
611	8.8	50530.9	-4245.7
612	10.1	50555.0	-4246.3
613	8.6	50652.6	-4234.4
614	9.2	50751.2	-4218.6
615	10.1	50827.5	-4216.7
616	8.5	50853.0	-4232.8
617	9.8	50859.0	-4209.3
618	10.1	50913.0	-4201.1
619	10.1	50932.0	-4231.4
620	9.1	50953.5	-4242.9
621	10.1	51031.0	-4206.3
622	9.8	51037.5	-4238.7
623	9.4	51041.0	-4213.5
624	10.1	51105.5	-4247.5
625	9.8	51107.0	-4202.8
626	9.2	51111.0	-4232.7
627	9.8	51114.7	-4201.0
628	9.1	51120.0	-4245.5
629	10.1	51127.0	-4220.9
630	10.0	51147.0	-4228.1
631	10.1	51152.5	-4202.5
632	8.4	51158.2	-4259.4
633	10.1	51229.0	-4258.7
634	8.0	51241.0	-4239.2
635	9.8	51301.9	-4214.5
636	8.8	51305.5	-4221.3
637	9.2	51330.8	-4249.7
638	9.4	51342.8	-4232.8
639	10.1	51347.8	-4208.9
640	10.1	51359.2	-4205.9
641	10.1	51411.3	-4226.6
642	10.0	51414.3	-4220.8
643	9.8	51441.9	-4259.7
644	8.8	51538.8	-4216.8
645	10.1	51543.8	-4246.1
646	10.1	51554.8	-4242.6
647	10.1	51558.3	-4251.6
648	9.2	51622.6	-4257.4
649	9.6	51625.3	-4237.6
650	8.4	51641.3	-4251.7
651	9.8	51707.8	-4253.9
652	10.0	51718.8	-4257.4
653	9.4	51745.8	-4230.0
654	10.1	51827.8	-4221.9
655	9.2	51828.6	-4256.7
656	10.1	51830.8	-4254.8
657	9.6	51832.8	-4210.4
658	10.0	51851.1	-4227.8
659	9.4	51853.1	-4224.1
660	8.6	51900.6	-4226.7
661	10.2	51912.1	-4241.0
662	10.1	51932.6	-4252.6
663	9.4	52010.6	-4234.2
664	8.9	52050.1	-4246.0
665	10.1	52055.1	-4236.5
666	8.6	52056.1	-4233.2
667	9.4	52142.6	-4243.7
668	10.0	52201.6	-4216.6
669	10.1	52233.8	-4216.4
670	9.2	52234.6	-4212.1
671	10.0	52301.6	-4235.5
672	10.1	52406.1	-4249.9
673	9.7	52432.6	-4230.0
674	10.0	52451.1	-4216.7
675	9.2	52522.1	-4210.0
676	10.0	52533.1	-4220.1
677	9.4	52535.6	-4257.4
678	9.8	52553.6	-4231.0
679	10.0	52556.4	-4253.6

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-42 1039 6h39m

680	10.0	52610.6	-4201.3	770	9.9	54938.2	-4209.0	860	9.0	60840.2	-4259.5	950	10.1	62654.2	-4219.2
681	9.6	52613.4	-4233.8	771	9.6	54939.7	-4229.5	861	7.6	60843.7	-4258.5	951	10.1	62709.5	-4252.8
682	9.8	52622.4	-4247.4	772	8.8	54947.2	-4229.2	862	10.0	60849.2	-4236.0	952	8.5	62723.4	-4228.8
683	9.8	52633.4	-4253.4	773	9.9	54951.2	-4227.5	863	10.0	60856.7	-4209.9	953	9.4	62730.2	-4252.5
684	10.0	52654.4	-4229.1	774	9.9	54951.2	-4210.9	864	9.2	60908.2	-4226.0	954	9.4	62738.2	-4224.4
685	10.0	52702.9	-4231.5	775	9.9	54952.2	-4248.8	865	9.4	60934.2	-4228.8	955	10.3	62756.7	-4217.6
686	7.2	52717.4	-4223.7	776	7.8	54959.2	-4215.4	866	10.0	61023.7	-4243.7	956	10.1	62805.1	-4200.4
687	8.9	52718.9	-4228.5	777	9.3	55007.2	-4202.1	867	8.9	61031.2	-4203.6	957	8.1	62828.7	-4228.0
688	9.8	52729.4	-4259.8	778	9.8	55020.2	-4205.1	868	9.2	61038.7	-4215.8	958	9.6	62828.7	-4208.6
689	10.0	52730.4	-4256.5	779	9.2	55029.7	-4240.4	869	9.6	61044.2	-4205.0	959	8.2	62843.7	-4209.8
690	8.5	52730.9	-4248.8	780	9.9	55032.7	-4233.9	870	9.0	61058.7	-4235.7	960	9.6	62859.7	-4239.9
691	10.1	52741.4	-4221.9	781	9.0	55109.7	-4248.6	871	9.2	61107.2	-4244.7	961	10.2	62900.2	-4203.4
692	10.1	52742.4	-4252.0	782	9.9	55127.2	-4215.0	872	8.8	61114.2	-4214.8	962	9.6	62904.3	-4202.5
693	9.1	52753.9	-4215.8	783	9.0	55147.2	-4242.1	873	9.3	61119.5	-4259.6	963	10.3	62922.7	-4230.3
694	10.0	52758.9	-4207.9	784	9.0	55207.9	-4225.6	874	10.0	61135.2	-4203.1	964	9.5	62928.7	-4209.7
695	9.1	52825.4	-4237.0	785	9.3	55218.9	-4203.7	875	10.0	61140.7	-4200.3	965	9.4	62937.2	-4250.0
696	9.2	52839.4	-4249.8	786	9.9	55349.9	-4209.5	876	10.0	61141.2	-4247.1	966	10.3	62954.7	-4248.8
697	8.8	52908.4	-4201.8	787	9.8	55356.4	-4204.9	877	9.4	61204.2	-4252.9	967	9.5	63007.6	-4202.8
698	9.8	52922.5	-4246.2	788	9.0	55418.4	-4216.8	878	9.7	61219.2	-4202.7	968	8.0	63015.6	-4200.0
699	10.1	53025.5	-4240.8	789	9.6	55457.4	-4241.4	879	9.0	61231.2	-4214.0	969	9.4	63041.2	-4225.4
700	9.2	53032.4	-4210.1	790	9.9	55458.9	-4245.4	880	9.6	61249.2	-4223.3	970	9.1	63043.7	-4210.7
701	8.2	53033.4	-4251.1	791	9.7	55509.4	-4235.3	881	9.4	61329.2	-4209.2	971	8.3	63053.7	-4217.6
702	10.1	53042.9	-4201.4	792	6.2	55518.9	-4249.4	882	9.7	61331.2	-4233.9	972	10.3	63113.7	-4251.4
703	8.8	53123.4	-4247.2	793	8.3	55527.4	-4222.4	883	10.0	61346.2	-4241.6	973	8.6	63132.7	-4211.2
704	10.0	53201.2	-4213.9	794	8.3	55529.9	-4203.9	884	8.7	61356.2	-4256.2	974	10.1	63144.5	-4259.1
705	10.0	53213.2	-4203.5	795	9.7	55557.1	-4230.2	885	9.4	61406.2	-4215.8	975	8.8	63155.2	-4258.4
706	10.0	53221.7	-4241.3	796	9.6	55622.1	-4226.2	886	9.8	61434.2	-4234.3	976	10.2	63203.2	-4257.2
707	10.1	53238.8	-4219.5	797	9.6	55629.1	-4259.8	887	9.6	61436.2	-4235.6	977	10.3	63209.0	-4258.0
708	10.1	53303.2	-4259.3	798	8.7	55636.1	-4228.8	888	9.8	61448.2	-4235.8	978	10.3	63210.7	-4213.4
709	8.8	53322.2	-4247.5	799	9.4	55637.6	-4227.5	889	9.7	61508.1	-4200.8	979	10.0	63215.2	-4259.8
710	9.6	53354.8	-4240.8	800	9.7	55638.1	-4204.8	890	8.4	61529.2	-4225.9	980	10.2	63219.2	-4229.1
711	9.4	53407.9	-4223.9	801	6.6	55702.1	-4252.4	891	7.6	61539.2	-4250.0	981	8.8	63223.7	-4231.6
712	9.6	53419.8	-4216.8	802	9.4	55713.6	-4217.6	892	8.4	61545.2	-4242.4	982	8.9	63227.5	-4234.0
713	9.2	53427.4	-4240.9	803	9.7	55714.0	-4257.7	893	10.0	61556.2	-4200.8	983	8.2	63229.5	-4201.7
714	9.9	53511.4	-4209.9	804	9.9	55721.1	-4216.0	894	7.9	61558.2	-4242.1	984	10.1	63231.5	-4236.1
715	9.9	53517.9	-4212.4	805	9.0	55752.1	-4201.3	895	9.2	61600.2	-4257.6	985	10.1	63238.0	-4210.1
716	9.2	53530.4	-4223.7	806	9.3	55815.1	-4209.2	896	10.0	61607.2	-4212.5	986	10.3	63255.5	-4201.4
717	9.2	53556.4	-4244.4	807	9.2	55819.6	-4208.6	897	10.0	61609.7	-4232.9	987	10.0	63320.6	-4215.2
718	8.6	53558.9	-4257.7	808	9.7	55834.8	-4259.8	898	9.6	61638.7	-4225.1	988	10.0	63321.0	-4231.2
719	9.8	53602.4	-4226.4	809	9.9	55843.1	-4203.8	899	8.8	61645.2	-4247.3	989	10.2	63322.5	-4204.0
720	9.9	53604.6	-4236.0	810	9.9	55843.1	-4223.5	900	9.8	61650.7	-4234.0	990	9.2	63329.0	-4239.6
721	9.6	53606.6	-4246.8	811	9.1	55856.4	-4225.2	901	10.0	61736.2	-4202.0	991	9.4	63329.0	-4247.1
722	9.0	53612.6	-4216.0	812	9.7	55859.4	-4241.2	902	9.6	61738.2	-4239.9	992	9.6	63342.5	-4226.8
723	9.8	53710.1	-4210.7	813	9.9	55916.6	-4214.5	903	10.0	61743.7	-4224.8	993	10.0	63343.5	-4226.2
724	9.7	53716.1	-4215.1	814	8.8	55930.7	-4221.4	904	9.2	61758.2	-4248.0	994	10.3	63349.5	-4200.3
725	9.2	53718.6	-4238.4	815	9.9	55947.6	-4243.7	905	8.9	61803.2	-4212.7	995	9.6	63356.0	-4250.4
726	8.8	53732.1	-4220.0	816	9.9	55948.1	-4220.3	906	9.0	61820.2	-4238.1	996	8.9	63359.0	-4244.4
727	9.9	53737.6	-4254.5	817	9.7	60021.6	-4249.8	907	9.3	61849.2	-4248.0	997	10.1	63359.0	-4247.7
728	9.9	53811.3	-4210.9	818	9.8	60025.2	-4232.6	908	8.9	61919.5	-4258.5	998	9.6	63415.5	-4217.7
729	9.2	53818.1	-4232.9	819	10.0	60049.6	-4209.6	909	9.0	61919.7	-4215.6	999	9.8	63418.5	-4206.7
730	9.9	53831.6	-4206.4	820	8.8	60054.9	-4221.2	910	9.4	61946.7	-4212.7	1000	9.8	63425.5	-4227.1
731	9.8	53840.1	-4221.0	821	9.8	60113.7	-4251.2	911	9.4	62009.5	-4257.2	1001	10.3	63439.0	-4234.7
732	9.4	53845.6	-4200.1	822	8.9	60123.7	-4255.2	912	10.0	62012.2	-4211.0	1002	9.2	63532.5	-4243.1
733	7.9	53912.6	-4254.3	823	8.1	60124.2	-4227.1	913	9.3	62024.2	-4251.4	1003	10.0	63538.5	-4202.2
734	9.4	53943.1	-4209.1	824	10.0	60143.2	-4213.8	914	9.6	62031.2	-4223.2	1004	10.1	63540.0	-4202.2
735	8.8	53947.1	-4214.1	825	10.0	60148.7	-4218.6	915	7.4	62034.7	-4248.2	1005	9.1	63549.0	-4244.9
736	9.8	53958.1	-4212.7	826	9.8	60204.2	-4245.1	916	8.9	62039.2	-4241.5	1006	9.1	63549.0	-4232.9
737	8.7	54000.1	-4212.9	827	8.6	60209.2	-4246.7	917	10.0	62114.2	-4200.5	1007	9.0	63601.1	-4258.1
738	9.9	54002.3	-4226.8	828	10.0	60220.2	-4253.1	918	9.3	62114.2	-4226.9	1008	10.1	63619.5	-4259.9
739	9.9	54112.3	-4215.3	829	10.0	60229.2	-4227.6	919	10.0	62114.2	-4253.7	1009	9.8	63630.0	-4224.3
740	9.9	54207.9	-4246.3	830	9.6	60231.2	-4206.3	920	10.0	62130.2	-4255.4	1010	10.1	63638.0	-4214.9
741	9.3	54214.4	-4250.4	831	6.9	60249.2	-4217.0	921	10.0	62144.7	-4233.5	1011	10.2	63654.0	-4214.2
742	9.4	54221.2	-4258.0	832	9.2	60252.2	-4227.6	922	10.0	62152.2	-4230.0	1012	10.0	63702.0	-4229.0
743	9.7	54257.9	-4244.2	833	10.0	60300.5	-4250.6	923	9.8	62156.7	-4224.1	1013	10.1	63709.0	-4244.1
744	8.8	54300.4	-4211.8	834	9.4	60349.2	-4246.7	924	10.0	62208.3	-4245.0	1014	10.3	63718.0	-4233.0
745	9.6	54338.4	-4200.5	835	10.0	60351.2	-4246.4	925	10.0	62216.2	-4236.2	1015	9.6	63726.5	-4212.4
746	9.9	54358.4	-4208.9	836	6.2	60359.2	-4208.1	926	9.3	62219.2	-4239.2	1016	10.1	63740.4	-4253.1
747	9.4	54405.4	-4223.6	837	10.0	60412.2	-4210.7	927	9.0	62219.7	-4249.6	1017	10.0	63740.5	-4237.0
748	9.9	54426.4	-4206.5	838	10.0	60420.2	-4228.9	928	10.0	62234.3	-4200.4	1018	9.4	63743.0	-4257.1
749	9.9	54434.6	-4200.8	839	9.6	60431.7	-4205.9	929	8.6	62235.2	-4234.8	1019	9.8	63743.9	-4255.6
750	9.9	54447.4	-4204.4	840	10.0	60442.2	-4245.3	930	9.6	62308.2	-4207.6	1020	9.5	63747.9	-4254.8
751	9.9	54448.9	-4251.9	841	9.7	60446.2	-4235.3	931	10.0	62401.7	-4243.0	1021	10.3	63754.9	-4229.5
752	8.3	54455.9	-4221.8	842	8.0	60449.7	-4247.1	932	9.3	62415.2	-4203.4	1022	8.9	63814.4	-4234.3
753	8.2	54501.4	-4219.3	843	9.7	60519.7	-4220.0	933	10.0	62418.2	-4211.0	1023	9.6	63815.4	-4245.0
754	8.5	54507.9	-4250.5	844	10.0	60525.2	-4204.1	934	10.2	62428.2	-4258.7	1024	10.0	63821.9	-4213.0
755	9.7	54526.4	-4219.0	845	8.8	60526.2	-4239.7	935	9.4	62442.7	-4230.2	1025	10.2	63821.9	-4240.8
756	9.8	54536.9	-4214.3	846	9.2	60600.2	-4254.6	936	9.8	62444.2	-4242.4	1026	10.2	63822.9	-4222.1
757	9.8	54547.9	-4233.0	847	10.0	60601.7	-4244.9	937	8.0	62505.2	-4212.7	1027	10.3	63824.4	-4214.7
758	8.6	54616.2	-4202.1	848	9.3	60603.7	-4255.1	938	9.3	62510.5	-4257.0	1028	9.6	63834.4	-4214.9
759	9.6	54624.4	-4202.5	849	9.2	60608.2	-4211.9	939	9.0	62510.7	-4211.3	1029	8.2	63834.4	-4227.0
760	9.8	54632.2	-4200.7	850	9.6	60614.2	-4211.2	940	8.0	62518.2	-4235.5	1030	9.8	63836.9	-4231.5
761	9.7	54653.5	-4215.6	851	9.4	60619.7	-4211.9	941	9.8	62534.2	-4252.0	1031	9.8	63842.4	-4245.1
762	9.3	54741.2	-4255.5	852	9.2	60718.2	-4205.5	942	9.0	62539.7	-4232.4	1032	10.3	63848.9	-4207.8
763	9.0	54750.7	-4231.6	853	9.4	60719.2	-4207.8	943	9.3	62550.2	-4223.2	1033	9.6	63848.9	-4235.1
764	9.0	54755.6	-4203.0	854	8.4	60726.2	-4233.5	944	9.0	62559.2	-4233.6	1034	10.3	63904.9	-4211.4
765	9.6	54807.2	-4230.7	855	10.0	60739.7	-4210.5	945	9.2	62559.2	-4227.4	1035	9.6	63920.4	-4236.6
766	8.2	54856.7	-4248.0	856	9.8	60745.2	-4206.1	946	8.3	62604.0	-4211.6	1036	10.3	63928.9	-4256.8
767	9.8	54921.7	-4208.1	857	9.2	60749.2	-4201.1	947	9.2	62606.2	-4235.7	1037	10.0	63939.4	-4244.0
768	9.9	54927.7	-4208.0	858	9.8	60750.2	-4233.4	948	8.1	62619.0	-4221.1	1038	9.5	63951.9	-4243.4
769	7.6	54934.1	-4257.0	859	9.7	60839.2	-4213.3	949	9.2	62647.9	-4220.5	1039	10.3	63958.9	-4225.9

1040	8.4	64009.4	-4235.6	1130	10.3	65154.7	-4216.3	1220	9.8	70219.7	-4243.3
1041	9.5	64011.9	-4255.0	1131	9.1	65201.7	-4211.1	1221	9.8	70233.2	-4218.3
1042	10.0	64020.9	-4254.7	1132	9.4	65204.7	-4247.6	1222	10.0	70238.2	-4221.6
1043	9.8	64028.9	-4204.3	1133	10.1	65204.7	-4205.8	1223	9.8	70239.7	-4215.5
1044	10.3	64044.4	-4221.1	1134	10.3	65206.4	-4200.3	1224	10.0	70251.8	-4258.0
1045	10.1	64045.4	-4246.6	1135	10.1	65226.5	-4200.9	1225	9.9	70303.7	-4240.9
1046	9.6	64054.4	-4249.2	1136	8.6	65234.7	-4202.7	1226	9.6	70322.7	-4249.5
1047	10.3	64103.4	-4212.2	1137	10.1	65237.4	-4253.5	1227	9.2	70342.7	-4207.4
1048	9.2	64129.4	-4203.9	1138	10.3	65301.1	-4246.5	1228	10.0	70353.7	-4256.7
1049	10.0	64133.4	-4213.7	1139	9.1	65311.2	-4213.2	1229	9.9	70359.7	-4216.0
1050	9.6	64133.4	-4207.7	1140	9.6	65314.0	-4233.0	1230	9.9	70418.7	-4217.9
1051	8.6	64139.9	-4224.1	1141	8.9	65325.7	-4223.5	1231	10.0	70427.7	-4226.9
1052	10.1	64140.9	-4210.5	1142	10.1	65327.2	-4222.5	1232	9.9	70433.3	-4200.2
1053	9.6	64149.9	-4258.9	1143	10.3	65335.2	-4254.0	1233	9.8	70433.7	-4234.2
1054	9.6	64156.9	-4231.0	1144	10.1	65340.2	-4238.8	1234	10.0	70437.2	-4225.2
1055	8.5	64205.9	-4245.4	1145	10.1	65344.7	-4242.8	1235	9.4	70449.7	-4222.4
1056	10.3	64214.4	-4246.9	1146	7.5	65354.5	-4226.2	1236	9.5	70458.7	-4252.2
1057	9.6	64214.9	-4217.0	1147	8.6	65354.7	-4206.4	1237	10.0	70459.7	-4251.0
1058	9.8	64220.9	-4237.1	1148	10.0	65357.7	-4226.9	1238	9.5	70509.7	-4203.4
1059	10.3	64244.2	-4232.9	1149	9.6	65400.7	-4241.2	1239	9.9	70513.6	-4218.0
1060	10.3	64252.2	-4242.8	1150	10.0	65401.7	-4238.3	1240	10.0	70522.6	-4203.4
1061	8.9	64314.2	-4225.7	1151	10.0	65403.2	-4248.2	1241	9.6	70537.6	-4220.0
1062	9.1	64318.2	-4221.6	1152	10.1	65404.7	-4203.2	1242	8.9	70539.1	-4207.8
1063	10.1	64328.2	-4223.7	1153	9.6	65405.2	-4236.0	1243	9.4	70548.1	-4228.4
1064	10.0	64339.7	-4220.9	1154	10.0	65407.7	-4209.1	1244	9.8	70548.6	-4245.0
1065	9.6	64356.2	-4237.7	1155	9.0	65410.7	-4202.1	1245	9.2	70552.6	-4254.7
1066	8.9	64359.2	-4229.9	1156	8.8	65413.2	-4222.2	1246	9.2	70608.6	-4229.0
1067	9.6	64404.7	-4223.4	1157	10.0	65427.7	-4242.9	1247	9.8	70619.1	-4258.0
1068	9.2	64405.2	-4220.5	1158	9.9	65436.2	-4234.2	1248	9.8	70619.6	-4221.2
1069	9.6	64405.7	-4204.0	1159	10.0	65447.2	-4209.6	1249	10.0	70623.1	-4209.2
1070	9.6	64409.7	-4230.1	1160	10.0	65503.2	-4250.4	1250	8.9	70632.1	-4234.7
1071	10.3	64423.2	-4206.0	1161	8.2	65522.7	-4203.9	1251	9.9	70639.6	-4249.5
1072	10.2	64424.7	-4253.3	1162	9.6	65528.2	-4249.3	1252	9.9	70646.6	-4221.3
1073	10.0	64427.7	-4217.3	1163	9.4	65538.2	-4254.2	1253	9.8	70649.1	-4220.6
1074	8.0	64429.7	-4255.0	1164	10.0	65539.7	-4246.6	1254	10.0	70652.6	-4226.2
1075	9.2	64435.7	-4216.5	1165	9.6	65542.7	-4206.4	1255	9.8	70703.1	-4257.6
1076	10.3	64444.4	-4257.0	1166	9.3	65549.2	-4204.7	1256	9.8	70743.6	-4247.1
1077	10.3	64457.2	-4231.5	1167	10.0	65606.4	-4258.8	1257	10.0	70757.6	-4236.7
1078	10.3	64500.0	-4200.4	1168	8.6	65611.2	-4242.5	1258	10.0	70836.1	-4214.3
1079	10.1	64509.2	-4220.3	1169	10.0	65628.2	-4223.5	1259	9.2	70837.1	-4239.4
1080	9.8	64523.7	-4251.9	1170	10.0	65723.2	-4203.0	1260	9.6	70842.1	-4239.5
1081	10.1	64526.2	-4247.3	1171	10.0	65723.2	-4231.7	1261	10.0	70906.1	-4220.6
1082	10.1	64533.2	-4248.4	1172	9.4	65724.7	-4205.8	1262	9.1	70907.1	-4248.0
1083	10.1	64539.7	-4202.6	1173	9.4	65739.7	-4214.5	1263	10.0	70913.6	-4211.8
1084	10.3	64545.2	-4252.2	1174	9.8	65742.2	-4220.3	1264	9.6	70919.1	-4203.8
1085	10.3	64606.2	-4226.7	1175	9.8	65744.2	-4212.2	1265	10.0	70923.5	-4258.4
1086	8.9	64606.4	-4200.0	1176	10.0	65753.7	-4206.0	1266	9.8	70925.1	-4208.2
1087	10.1	64610.2	-4207.3	1177	9.6	65755.2	-4254.1	1267	9.3	70936.1	-4203.5
1088	10.0	64619.4	-4201.5	1178	9.8	65757.2	-4217.1	1268	10.0	70938.6	-4217.4
1089	9.6	64624.7	-4207.3	1179	10.0	65802.2	-4258.0	1269	10.0	70947.6	-4223.9
1090	10.1	64636.2	-4240.5	1180	10.0	65805.2	-4237.5	1270	10.0	71001.1	-4240.8
1091	10.1	64659.7	-4213.3	1181	9.4	65815.7	-4236.5	1271	10.0	71008.6	-4229.2
1092	8.0	64709.7	-4203.4	1182	10.0	65818.2	-4243.9	1272	9.6	71010.6	-4245.8
1093	10.3	64709.7	-4248.9	1183	7.4	65825.2	-4227.1	1273	9.6	71019.1	-4234.2
1094	10.3	64716.2	-4220.4	1184	9.4	65831.7	-4254.9	1274	9.4	71021.6	-4200.2
1095	8.2	64757.7	-4257.0	1185	9.4	65848.2	-4226.9	1275	10.0	71028.6	-4232.3
1096	9.6	64800.2	-4206.9	1186	9.5	65900.7	-4235.4	1276	10.0	71048.6	-4232.3
1097	9.6	64818.2	-4254.1	1187	9.8	65946.7	-4213.0	1277	10.0	71049.6	-4238.0
1098	10.3	64824.7	-4205.9	1188	8.9	65958.2	-4221.6	1278	9.9	71050.1	-4250.0
1099	9.8	64831.2	-4256.7	1189	10.0	65958.2	-4204.0	1279	9.4	71050.1	-4235.7
1100	10.3	64834.7	-4242.0	1190	6.3	70005.2	-4209.2	1280	9.9	71052.1	-4212.6
1101	8.8	64835.7	-4242.8	1191	10.0	70006.9	-4222.7	1281	9.1	71053.6	-4213.0
1102	7.3	64844.7	-4221.0	1192	9.8	70010.7	-4214.8	1282	10.0	71053.6	-4254.2
1103	8.8	64847.7	-4231.3	1193	10.0	70013.2	-4243.0	1283	10.0	71117.6	-4250.0
1104	8.5	64858.7	-4232.7	1194	9.5	70029.2	-4217.3	1284	9.9	71136.1	-4236.4
1105	10.2	64900.2	-4223.6	1195	10.0	70031.2	-4239.0	1285	9.4	71140.1	-4242.4
1106	10.3	64901.7	-4243.7	1196	8.8	70031.7	-4235.5	1286	10.0	71140.6	-4250.3
1107	9.6	64904.2	-4241.8	1197	10.0	70032.9	-4221.0	1287	10.0	71142.3	-4248.5
1108	7.2	64905.2	-4228.3	1198	8.8	70033.2	-4224.6	1288	10.0	71143.6	-4251.4
1109	10.3	64911.2	-4223.7	1199	10.0	70033.4	-4202.2	1289	10.0	71145.0	-4247.6
1110	10.1	64919.7	-4206.3	1200	9.2	70038.7	-4252.3	1290	9.9	71147.6	-4256.2
1111	10.2	64922.2	-4219.1	1201	10.0	70043.7	-4201.8	1291	9.5	71148.6	-4244.9
1112	10.3	64926.2	-4222.6	1202	9.9	70055.2	-4221.4	1292	9.5	71151.1	-4230.0
1113	8.6	64932.7	-4204.0	1203	9.8	70055.7	-4208.5	1293	9.0	71153.1	-4257.0
1114	10.3	64935.7	-4201.3	1204	9.1	70056.2	-4208.2	1294	9.6	71157.1	-4216.2
1115	10.1	64940.2	-4223.0	1205	10.0	70105.2	-4229.3	1295	9.3	71200.1	-4230.8
1116	9.6	64942.2	-4222.1	1206	9.0	70108.7	-4239.5	1296	9.0	71209.6	-4207.6
1117	9.8	64955.5	-4257.6	1207	10.0	70111.7	-4225.1	1297	9.8	71217.1	-4227.4
1118	10.0	65009.2	-4205.8	1208	9.9	70116.7	-4248.2	1298	10.4	71231.8	-4254.9
1119	10.1	65016.2	-4253.5	1209	10.0	70124.7	-4234.8	1299	9.9	71237.4	-4200.1
1120	10.3	65019.7	-4235.3	1210	8.8	70128.7	-4229.7	1300	9.6	71241.6	-4240.2
1121	9.8	65026.2	-4237.1	1211	9.5	70128.9	-4201.2	1301	9.8	71250.3	-4257.8
1122	8.2	65030.2	-4212.5	1212	9.8	70135.2	-4252.4	1302	10.4	71252.3	-4259.7
1123	8.6	65036.7	-4257.1	1213	8.7	70142.7	-4248.0	1303	10.0	71253.6	-4237.0
1124	10.2	65040.2	-4242.1	1214	10.0	70149.7	-4235.9	1304	9.9	71258.3	-4259.9
1125	8.6	65050.2	-4235.1	1215	10.0	70157.7	-4209.0	1305	10.0	71301.1	-4222.8
1126	9.6	65054.7	-4221.3	1216	7.6	70158.7	-4208.2	1306	10.4	71305.3	-4251.5
1127	10.3	65120.2	-4227.9	1217	8.5	70203.2	-4207.2	1307	10.0	71308.1	-4225.5
1128	10.3	65133.7	-4249.6	1218	9.9	70205.2	-4249.8	1308	10.0	71318.1	-4212.2
1129	10.3	65151.2	-4206.8	1219	10.0	70207.2	-4202.9	1309	9.6	71319.6	-4209.5
1310	10.0	71326.1	-4221.2								
1311	9.4	71330.1	-4245.2								
1312	10.0	71338.6	-4230.2								
1313	9.9	71342.3	-4237.4								
1314	9.6	71344.1	-4244.8								
1315	10.0	71346.1	-4253.8								
1316	9.5	71401.6	-4206.3								
1317	10.0	71414.6	-4241.0								
1318	10.0	71423.6	-4222.6								
1319	9.0	71434.1	-4214.1								
1320	10.0	71438.6	-4245.2								
1321	10.0	71443.6	-4228.8								
1322	9.9	71448.1	-4224.2								
1323	8.9	71448.6	-4212.8								
1324	9.3	71508.6	-4248.0								
1325	10.0	71517.6	-4220.6								
1326	9.9	71521.1	-4218.8								
1327	10.0	71525.9	-4250.4								
1328	9.1	71533.6	-4249.0								
1329	9.8	71552.1	-4204.6								
1330	9.4	71607.1	-4247.1								
1331	9.9	71623.1	-4229.0								
1332	9.1	71624.4	-4256.5								
1333	10.0	71626.6	-4229.9								
1334	9.5	71632.1	-4224.1								
1335	9.6	71645.1	-4209.5								
1336	8.2	71658.6	-4234.4								
1337	9.4	71659.6	-4247.3								
1338	9.1	71703.1	-4205.5								
1339	10.0	71707.1	-4219.9								
1340	9.6	71724.1	-4205.7								
1341	9.6	71730.1	-4235.7								
1342	10.4	71731.5	-4257.2								
1343	9.8	71739.1	-4230.8								
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1345	10.0	71809.6	-4200.0								
1346	9.6	71816.6	-4244.1								
1347	10.4	71841.5	-4257.6								
1348	10.0	71849.6	-4219.9								
1349	10.0	71853.4	-4242.1								
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1351	9.0	71902.6	-4249.1								
1352	9.6	71912.5	-4201.9								
1353	9.9	71916.3	-4241.1								
1354	9.4	71918.1	-4245.5								
1355	9.9	71929.1	-4233.3								
1356	10.2	71933.1	-4234.5								
1357	9.6	71941.3	-4229.9								
1358	9.8	71945.1	-4250.3								
1359	10.2	72002.1	-4201.4								
1360	10.2	72002.6	-4234.3								
1361	10.0	72004.1	-4240.3								
1362	10.0	72010.1	-4242.0								
1363	9.8	72015.3	-4238.6								
1364	9.2	72018.8	-4227.6								
1365	10.2	72021.1	-4228.3								
1366	9.4	72023.1	-4213.9								
1367	9.1	72023.8	-4257.5								
1368	10.2	72031.1	-4243.0								
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1370	9.6	72038.8	-4208.5								
1371	10.0	72059.1	-4215.7								
1372	10.2	72059.6	-4239.9								
1373	10.0	72115.6	-4244.6								
1374	9.1	72117.6	-4214.4								
1375	9.2	72124.6	-4252.9								
1376	10.2	72125.1	-4221.7								
1377	10.2	72134.6	-4256.0								
1378	9.6	72135.1	-4206.1								
1379	9.6	72139.1	-4232.3								
1380	10.2	72205.1	-4215.8								
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1382	10.2	72219.1	-4207.0								
1383	10.2	72227.1	-4235.5								
1384	10.0	72227.1	-4212.7								
1385	9.0	72235.6	-4227.9								
1386	10.2	72241.1	-4238.7								
1387	10.2	72243.1	-4231.9								
1388	9.8	72247.1	-4229.1								
1389	10.2	72256.8	-4223.6								
1390	9.8	72300.1	-4209.5								
1391	10.2	72303.6	-4250.6								
1392	8.8	72304.6	-4255.9								
1393	10.2	72308.8	-4216.4								
1394	10.1	72313.1	-4243.0								
1395	10.2	72320.1	-4230.6								
1396	9.3	72337.6	-4245.7								
1397	9.8	72341.6	-4243.9								
1398	10.2	72350.1	-4259.3								
1399	8.4	72353.1	-4210.1								

1400	10.2	72400.1	-4235.7	1490	9.6	73419.6	-4253.9	1580	10.2	74014.4	-4239.7
1401	9.8	72402.1	-4227.6	1491	9.6	73422.6	-4231.6	1581	9.8	74015.4	-4206.5
1402	9.8	72405.1	-4220.1	1492	9.4	73424.1	-4211.7	1582	9.2	74019.4	-4207.8
1403	10.1	72420.6	-4212.3	1493	10.0	73429.6	-4228.8	1583	9.8	74019.4	-4258.0
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1405	10.2	72429.1	-4211.6	1495	9.8	73439.3	-4200.4	1585	10.2	74022.1	-4258.6
1406	10.2	72437.1	-4231.6	1496	9.3	73439.6	-4253.9	1586	10.2	74022.4	-4254.8
1407	10.2	72457.1	-4220.7	1497	10.0	73459.6	-4210.5	1587	9.8	74026.4	-4208.8
1408	9.1	72457.6	-4254.3	1498	9.3	73459.6	-4202.7	1588	10.2	74026.4	-4215.0
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1410	9.8	72458.8	-4258.8	1500	10.2	73504.6	-4222.0	1590	9.2	74032.4	-4225.4
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1414	9.5	72524.4	-4243.0	1504	9.8	73535.6	-4219.3	1594	10.2	74047.4	-4233.8
1415	9.8	72524.4	-4228.9	1505	7.1	73540.4	-4259.6	1595	10.1	74048.4	-4253.3
1416	10.1	72529.4	-4253.0	1506	9.8	73545.6	-4203.5	1596	9.6	74050.4	-4234.3
1417	10.2	72530.4	-4203.0	1507	10.1	73546.1	-4206.4	1597	9.8	74051.4	-4207.2
1418	10.1	72530.4	-4216.2	1508	8.5	73550.6	-4211.1	1598	10.2	74051.9	-4249.6
1419	9.8	72532.4	-4218.4	1509	8.7	73603.3	-4202.5	1599	10.2	74057.9	-4229.3
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1421	10.2	72613.4	-4251.8	1511	10.2	73608.1	-4201.0	1601	10.0	74111.4	-4249.4
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1423	8.2	72614.9	-4204.4	1513	10.0	73615.1	-4217.9	1603	10.2	74112.4	-4245.1
1424	10.2	72617.9	-4254.4	1514	10.2	73623.1	-4216.9	1604	9.6	74121.9	-4205.4
1425	10.0	72621.4	-4246.0	1515	8.6	73623.6	-4248.9	1605	9.6	74124.4	-4254.0
1426	9.6	72622.4	-4251.3	1516	9.6	73627.6	-4239.5	1606	10.2	74129.4	-4206.4
1427	9.2	72625.2	-4258.0	1517	10.2	73632.6	-4223.8	1607	9.3	74131.4	-4232.7
1428	10.0	72630.4	-4227.6	1518	10.1	73640.6	-4244.9	1608	9.2	74133.4	-4258.4
1429	10.0	72638.9	-4226.2	1519	10.0	73641.6	-4235.1	1609	9.6	74135.9	-4230.2
1430	10.2	72652.0	-4259.3	1520	9.6	73649.6	-4248.0	1610	10.2	74146.4	-4222.0
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1432	10.2	72701.4	-4247.2	1522	9.6	73658.1	-4233.0	1612	10.2	74149.4	-4212.5
1433	9.8	72705.4	-4259.7	1523	10.0	73659.1	-4235.8	1613	10.1	74149.4	-4216.0
1434	9.8	72712.4	-4211.2	1524	9.0	73659.6	-4237.8	1614	10.2	74149.4	-4243.6
1435	9.8	72713.4	-4255.4	1525	9.6	73700.3	-4259.5	1615	9.0	74152.4	-4206.8
1436	10.0	72715.4	-4209.7	1526	10.0	73705.1	-4237.9	1616	9.6	74153.4	-4223.5
1437	10.2	72719.4	-4236.4	1527	8.4	73708.6	-4230.1	1617	10.2	74153.4	-4201.2
1438	10.2	72725.4	-4213.2	1528	10.2	73709.6	-4219.3	1618	10.2	74159.4	-4201.2
1439	8.7	72728.4	-4245.3	1529	9.8	73711.1	-4220.5	1619	10.2	74159.9	-4206.6
1440	9.4	72729.4	-4249.1	1530	10.2	73711.6	-4217.1	1620	9.6	74201.9	-4233.7
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1442	10.2	72751.9	-4240.5	1532	10.2	73721.6	-4259.5	1622	9.6	74209.4	-4220.8
1443	10.2	72815.4	-4258.6	1533	9.6	73723.9	-4241.9	1623	8.5	74211.4	-4246.0
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1445	10.2	72819.3	-4210.0	1535	10.2	73728.4	-4241.4	1625	9.8	74213.4	-4243.9
1446	9.8	72820.4	-4227.2	1536	10.2	73729.4	-4217.7	1626	9.8	74213.4	-4228.9
1447	9.3	72821.4	-4219.5	1537	10.2	73739.4	-4229.9	1627	10.1	74217.4	-4213.3
1448	9.8	72840.4	-4222.2	1538	10.1	73741.4	-4230.3	1628	9.8	74218.9	-4239.9
1449	9.3	72841.7	-4202.0	1539	10.0	73753.4	-4234.2	1629	10.2	74222.4	-4246.7
1450	10.2	72850.5	-4257.1	1540	10.0	73801.9	-4244.5	1630	9.8	74223.4	-4226.6
1451	10.2	72906.1	-4205.3	1541	9.8	73804.4	-4214.1	1631	9.3	74226.4	-4241.7
1452	7.8	72912.6	-4248.9	1542	9.2	73806.9	-4237.7	1632	9.8	74230.9	-4211.4
1453	9.8	72917.6	-4221.6	1543	9.8	73811.4	-4232.6	1633	10.0	74234.9	-4237.9
1454	10.2	72920.1	-4239.5	1544	10.0	73818.9	-4232.2	1634	10.1	74236.4	-4227.0
1455	10.2	72939.6	-4226.5	1545	8.2	73818.9	-4220.0	1635	9.8	74242.4	-4249.1
1456	9.6	72939.6	-4202.9	1546	10.2	73823.9	-4224.0	1636	10.0	74248.4	-4205.7
1457	9.0	72941.6	-4233.2	1547	10.2	73826.4	-4249.6	1637	10.2	74250.4	-4213.6
1458	10.2	72948.6	-4234.6	1548	9.8	73828.9	-4245.4	1638	9.8	74302.9	-4221.0
1459	7.9	72949.6	-4250.5	1549	10.1	73830.4	-4237.0	1639	9.6	74303.4	-4243.7
1460	9.6	72956.6	-4229.3	1550	10.0	73830.4	-4246.7	1640	10.2	74307.9	-4202.5
1461	10.1	73002.6	-4241.8	1551	7.7	73834.9	-4216.2	1641	9.8	74312.9	-4220.9
1462	10.2	73014.1	-4208.4	1552	10.1	73838.4	-4232.4	1642	9.8	74320.9	-4240.6
1463	7.6	73022.6	-4207.6	1553	10.0	73839.4	-4248.1	1643	10.2	74329.4	-4216.8
1464	8.8	73031.6	-4234.2	1554	8.1	73842.9	-4227.5	1644	9.8	74332.9	-4224.0
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1466	10.2	73045.1	-4220.7	1556	10.0	73855.4	-4234.9	1646	9.8	74337.4	-4216.9
1467	10.2	73045.1	-4205.8	1557	8.5	73859.4	-4257.7	1647	10.0	74337.4	-4226.1
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1472	9.8	73154.6	-4225.9	1562	10.2	73909.4	-4229.9	1652	9.5	74403.4	-4237.8
1473	9.4	73156.6	-4249.5	1563	9.5	73920.4	-4223.7	1653	9.6	74404.4	-4223.5
1474	9.8	73158.6	-4201.7	1564	10.1	73920.4	-4234.0	1654	8.8	74405.4	-4216.2
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1486	10.1	73402.1	-4256.3	1576	9.2	74009.9	-4242.8	1666	10.0	74446.9	-4218.0
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1488	9.8	73416.1	-4208.9	1578	9.8	74011.4	-4235.9	1668	10.2	74451.9	-4221.0
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1672	10.1	74456.9	-4208.8								
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1674	9.6	74503.9	-4246.6								
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1682	9.6	74523.4	-4221.2								
1683	10.0	74523.4	-4204.6								
1684	10.0	74529.9	-4213.3								
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1687	9.8	74550.4	-4210.9								
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1691	9.8	74559.9	-4226.8								
1692	9.8	74603.9	-4205.1								
1693	9.6	74604.6	-4234.6								
1694	9.2	74613.1	-4209.0								
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1696	10.1	74621.9	-4219.9								
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1719	9.2	74720.3	-4231.2								
1720	9.8	74720.6	-4235.6								
1721	9.8	74727.4	-4237.3								
1722	10.2	74727.4	-4255.9								
1723	10.0	74729.1	-4255.3								
1724	10.1	74730.6	-4251.2								
1725	9.1	74731.1	-4213.8								
1726	6.6	74734.1	-4234.1								
1727	10.2	74735.4	-4251.0								
1728	10.4	74735.8	-4221.8								
1729	10.2	74735.8	-4249.7								
1730	9.8	74740.1	-4256.8								
1731	9.7	74740.3	-4256.3								
1732	10.4	74744.8	-4213.4								
1733	10.2	74751.8	-4248.0								
1734	10.4	74755.6	-4257.6								
1735	10.4	74757.2	-4200.6								
1736	7.8	74758.6	-4200.2								
1737	7.5	74804.4	-4200.1								
1738	9.8	74806.3	-4208.7								
1739	10.4	74810.8	-4247.1								
1740	8.4	74816.3	-4220.5								
1741	10.1	74819.8	-4222.5								
1742	10.2	74820.8	-4241.0								
1743	10.4	74827.3	-4231.1								
1744	10.4	74828.9	-4218.0								
1745	9.8	74833.7	-4201.8								
1746	9.2	74834.3	-4204.5								
1747	10.2	74836.8	-4238.5								
1748	9.6	74839.8	-4203.8								
1749	10.4	74841.8	-4254.2								
1750	10.4	74842.3	-4242.8								
1751	10.4	74842.8	-4234.4								
1752	9.8	74843.3	-4254.2								
1753	8.6	74845.8	-4211.8								
1754	9.4	74851.3	-4206.7								
1755	9.8	74851.3	-4232.8								
1756	10.2	74851.8	-4234.1								
1757	10.2	74853.8	-4249.7								
1758	10.0	74857.1	-4201.8								
1759	10.4	74858.8	-4222.8								

-42 1760 7h49m

-42 2119 8h04m

1760	10.2	74905.8	-4228.5	1850	9.2	75220.6	-4250.7	1940	9.8	75647.6	-4208.0
1761	10.4	74910.8	-4259.1	1851	10.1	75222.6	-4243.6	1941	9.9	75652.6	-4219.5
1762	10.4	74910.8	-4217.3	1852	8.6	75223.1	-4222.9	1942	10.4	75652.6	-4207.1
1763	10.1	74911.8	-4248.5	1853	10.1	75224.6	-4245.7	1943	10.2	75653.1	-4227.0
1764	10.0	74914.8	-4251.4	1854	9.9	75230.6	-4237.8	1944	10.4	75706.1	-4237.4
1765	8.8	74916.8	-4232.9	1855	8.6	75232.6	-4256.8	1945	10.4	75709.6	-4221.0
1766	10.1	74923.8	-4237.9	1856	9.8	75234.6	-4246.9	1946	10.2	75715.6	-4259.8
1767	9.8	74925.8	-4205.6	1857	10.0	75241.6	-4207.9	1947	10.4	75720.1	-4243.8
1768	9.8	74929.8	-4206.9	1858	8.6	75244.6	-4242.3	1948	9.4	75727.1	-4215.9
1769	10.4	74932.8	-4203.4	1859	7.6	75246.6	-4204.3	1949	10.2	75728.6	-4244.9
1770	10.4	74933.8	-4221.6	1860	8.8	75247.6	-4255.3	1950	10.1	75729.6	-4215.5
1771	8.0	74934.8	-4221.1	1861	10.1	75248.6	-4215.0	1951	10.4	75732.1	-4242.5
1772	9.9	74935.8	-4226.6	1862	9.8	75249.6	-4216.4	1952	9.4	75742.1	-4218.3
1773	10.4	74943.8	-4220.5	1863	9.8	75249.6	-4253.6	1953	9.7	75744.1	-4241.5
1774	10.4	74947.3	-4219.9	1864	8.6	75250.6	-4202.8	1954	10.4	75745.6	-4241.2
1775	9.0	74949.8	-4210.3	1865	10.0	75253.6	-4216.6	1955	9.6	75745.6	-4215.9
1776	10.2	74952.3	-4221.8	1866	9.4	75300.6	-4235.9	1956	10.4	75750.6	-4227.8
1777	10.4	75003.3	-4255.3	1867	10.0	75304.6	-4239.8	1957	7.8	75751.6	-4225.3
1778	9.6	75004.8	-4226.8	1868	10.1	75316.6	-4233.6	1958	9.9	75800.1	-4253.8
1779	10.2	75009.8	-4213.4	1869	10.2	75320.6	-4235.8	1959	9.4	75805.6	-4230.4
1780	9.9	75010.8	-4252.4	1870	10.1	75320.6	-4219.8	1960	8.8	75809.6	-4209.7
1781	10.4	75010.8	-4236.9	1871	10.4	75320.6	-4222.3	1961	9.2	75810.6	-4255.0
1782	9.4	75011.8	-4254.7	1872	10.1	75322.3	-4202.0	1962	10.4	75811.6	-4226.1
1783	8.3	75012.3	-4244.9	1873	10.1	75322.6	-4210.2	1963	9.6	75813.1	-4256.0
1784	9.8	75012.6	-4201.2	1874	8.6	75325.6	-4255.8	1964	9.8	75813.1	-4221.6
1785	9.6	75015.8	-4239.0	1875	9.2	75329.1	-4221.7	1965	9.9	75815.6	-4224.4
1786	10.4	75020.3	-4212.1	1876	10.2	75330.1	-4234.7	1966	9.2	75818.1	-4259.8
1787	8.6	75024.8	-4208.6	1877	9.4	75330.6	-4208.3	1967	10.0	75819.6	-4234.0
1788	9.7	75028.3	-4254.3	1878	9.2	75336.1	-4223.1	1968	10.2	75820.1	-4224.0
1789	9.9	75037.3	-4234.9	1879	9.4	75340.6	-4207.8	1969	9.2	75822.1	-4237.9
1790	10.2	75039.8	-4229.3	1880	10.4	75350.1	-4223.6	1970	10.4	75828.1	-4242.7
1791	9.8	75040.8	-4201.6	1881	10.1	75352.6	-4239.2	1971	9.8	75834.1	-4253.2
1792	10.2	75041.6	-4256.2	1882	9.2	75357.6	-4238.1	1972	10.4	75835.1	-4233.1
1793	10.2	75044.6	-4230.2	1883	9.8	75358.8	-4258.2	1973	10.4	75839.1	-4247.9
1794	10.4	75050.6	-4228.7	1884	10.0	75400.6	-4235.1	1974	10.4	75840.1	-4244.4
1795	9.9	75051.6	-4243.1	1885	9.1	75401.6	-4228.9	1975	9.0	75840.1	-4256.1
1796	10.4	75053.6	-4246.1	1886	10.4	75404.1	-4246.8	1976	10.4	75840.1	-4205.5
1797	9.7	75056.6	-4225.8	1887	8.6	75406.6	-4257.7	1977	10.4	75840.1	-4202.7
1798	10.4	75056.6	-4240.5	1888	9.2	75407.1	-4240.2	1978	10.4	75841.1	-4216.6
1799	10.4	75057.1	-4239.7	1889	10.2	75410.6	-4217.0	1979	9.2	75841.1	-4240.0
1800	10.4	75058.6	-4252.4	1890	10.2	75410.6	-4236.2	1980	9.9	75842.6	-4232.2
1801	10.4	75101.6	-4237.3	1891	9.4	75415.1	-4213.4	1981	9.6	75848.6	-4258.5
1802	9.4	75101.6	-4213.4	1892	9.6	75420.6	-4244.6	1982	10.1	75849.1	-4244.4
1803	10.4	75104.1	-4245.6	1893	10.4	75421.6	-4243.9	1983	10.2	75850.1	-4220.4
1804	10.4	75104.6	-4250.5	1894	10.2	75423.6	-4223.2	1984	10.4	75850.6	-4234.1
1805	8.5	75105.6	-4213.3	1895	9.2	75423.6	-4218.1	1985	9.7	75851.1	-4253.7
1806	8.6	75110.6	-4217.4	1896	9.4	75424.6	-4250.9	1986	10.4	75853.1	-4223.0
1807	10.1	75110.6	-4222.2	1897	10.2	75425.6	-4244.2	1987	10.0	75853.1	-4227.1
1808	10.2	75114.6	-4227.8	1898	10.2	75426.6	-4226.4	1988	9.8	75900.1	-4233.5
1809	9.2	75115.6	-4207.4	1899	10.2	75427.1	-4214.2	1989	8.8	75900.9	-4258.9
1810	10.0	75116.6	-4231.8	1900	10.2	75433.1	-4223.0	1990	10.4	75902.1	-4240.1
1811	10.0	75120.6	-4226.4	1901	10.2	75444.1	-4209.8	1991	10.4	75904.1	-4211.1
1812	9.2	75124.6	-4246.5	1902	9.4	75446.1	-4257.1	1992	9.8	75907.1	-4227.7
1813	10.4	75125.6	-4251.7	1903	10.4	75452.1	-4214.7	1993	9.4	75907.6	-4239.4
1814	10.4	75126.1	-4229.6	1904	9.8	75456.6	-4253.7	1994	9.8	75911.6	-4249.0
1815	10.2	75126.1	-4239.1	1905	10.4	75459.6	-4219.2	1995	10.4	75915.6	-4256.6
1816	9.6	75132.3	-4200.0	1906	10.4	75501.6	-4204.8	1996	10.2	75918.6	-4237.1
1817	9.4	75132.6	-4239.8	1907	10.2	75503.6	-4247.9	1997	7.9	75919.1	-4235.7
1818	8.4	75135.1	-4230.2	1908	9.8	75505.6	-4223.3	1998	10.4	75931.1	-4232.1
1819	10.1	75135.1	-4217.8	1909	9.6	75510.6	-4250.4	1999	10.0	75931.9	-4200.9
1820	10.1	75135.1	-4218.0	1910	10.0	75510.6	-4230.3	2000	9.8	75932.4	-4201.5
1821	10.4	75139.3	-4228.8	1911	10.1	75510.6	-4243.6	2001	10.4	75934.6	-4249.8
1822	10.0	75140.1	-4209.5	1912	9.6	75512.6	-4241.3	2002	10.2	75935.6	-4259.6
1823	10.4	75140.6	-4238.4	1913	9.4	75526.1	-4224.8	2003	10.4	75936.1	-4237.2
1824	10.4	75143.6	-4226.9	1914	10.1	75528.1	-4253.8	2004	10.2	75936.6	-4207.1
1825	10.4	75144.6	-4226.7	1915	10.4	75530.1	-4221.3	2005	9.2	75940.1	-4244.0
1826	10.4	75144.6	-4218.6	1916	8.5	75531.6	-4257.9	2006	10.4	75941.1	-4245.9
1827	10.4	75144.6	-4218.8	1917	9.2	75532.6	-4257.1	2007	9.6	75946.6	-4203.6
1828	9.2	75146.6	-4258.4	1918	10.2	75541.6	-4247.2	2008	9.6	75947.6	-4235.8
1829	9.8	75148.1	-4233.6	1919	9.7	75542.6	-4214.0	2009	9.9	75948.1	-4240.8
1830	9.9	75150.6	-4252.2	1920	9.6	75553.1	-4252.7	2010	10.4	75948.6	-4242.8
1831	9.0	75150.6	-4251.7	1921	9.4	75556.1	-4223.8	2011	9.2	75948.6	-4239.4
1832	10.2	75151.6	-4225.4	1922	9.7	75559.6	-4256.7	2012	9.9	75950.1	-4228.8
1833	9.4	75152.6	-4219.0	1923	10.0	75601.1	-4253.7	2013	9.4	75957.1	-4236.2
1834	9.8	75153.6	-4226.5	1924	10.1	75601.6	-4217.8	2014	9.6	80001.6	-4229.4
1835	10.4	75153.6	-4232.6	1925	9.9	75605.6	-4204.1	2015	8.8	80004.1	-4219.5
1836	9.2	75154.6	-4231.7	1926	9.4	75606.6	-4229.5	2016	10.2	80007.6	-4213.3
1837	9.9	75156.1	-4210.3	1927	9.8	75607.1	-4232.9	2017	9.2	80009.1	-4237.5
1838	10.2	75200.6	-4203.1	1928	10.4	75612.1	-4240.2	2018	10.2	80016.6	-4255.9
1839	9.9	75200.6	-4252.3	1929	10.4	75612.6	-4241.1	2019	7.8	80018.6	-4224.2
1840	10.2	75202.6	-4220.7	1930	10.0	75620.6	-4241.9	2020	9.3	80020.1	-4209.7
1841	10.4	75204.6	-4232.5	1931	10.1	75620.9	-4258.6	2021	9.9	80020.1	-4221.3
1842	10.4	75204.6	-4242.9	1932	10.1	75623.6	-4245.0	2022	10.0	80021.1	-4227.9
1843	10.4	75205.1	-4231.3	1933	8.6	75624.6	-4234.1	2023	10.4	80026.6	-4219.0
1844	8.6	75208.6	-4253.6	1934	8.6	75626.6	-4204.3	2024	10.4	80026.6	-4248.5
1845	10.4	75209.6	-4250.9	1935	10.4	75630.6	-4249.6	2025	10.4	80030.6	-4257.9
1846	9.4	75209.6	-4224.2	1936	10.1	75631.1	-4210.3	2026	9.8	80041.1	-4217.6
1847	9.7	75211.6	-4258.3	1937	10.4	75636.1	-4225.9	2027	10.4	80041.1	-4202.3
1848	9.8	75212.1	-4242.8	1938	9.6	75642.1	-4250.9	2028	9.4	80046.1	-4202.9
1849	9.2	75213.6	-4227.6	1939	7.5	75645.1	-4242.9	2029	10.2	80047.1	-4215.4
2030	8.8	80047.6	-4219.5								
2031	10.2	80048.6	-4219.0								
2032	9.4	80049.6	-4222.0								
2033	9.9	80050.1	-4232.1								
2034	9.6	80051.1	-4221.9								
2035	10.4	80053.6	-4203.7								
2036	10.4	80057.1	-4241.8								
2037	10.0	80101.1	-4240.6								
2038	9.6	80108.1	-4207.4								
2039	9.4	80109.1	-4253.6								
2040	10.2	80109.1	-4233.4								
2041	9.2	80110.2	-4247.9								
2042	9.8	80112.1	-4236.1								
2043	10.2	80113.6	-4208.9								
2044	8.2	80114.1	-4211.4								
2045	10.0	80114.1	-4208.5								
2046	9.6	80114.6	-4251.9								
2047	10.2	80118.1	-4226.7								
2048	10.4	80120.1	-4203.0								
2049	9.2	80124.1	-4205.5								
2050	9.4	80124.1	-4246.1								
2051	9.6	80136.1	-4204.6								
2052	10.1	80140.6	-4225.2								
2053	9.8	80141.1	-4211.7								
2054	9.9	80141.1	-4245.2								
2055	9.7	80143.6	-4254.7								
2056	10.4	80144.2	-4210.4								
2057	9.4	80145.1	-4258.5								
2058	10.4	80154.2	-4242.7								
2059	9.4	80202.6	-4223.0								
2060	10.1	80204.6	-4221.0								
2061	9.9	80207.1	-4239.8								
2062	9.9	80209.1	-4243.8								
2063	9.8	80211.1	-4207.0								
2064	9.8	80216.1	-4220.4								
2065	9.4	80219.1	-4235.4								
2066	10.2	80221.1	-4236.1								
2067	9.4	80222.6	-4228.4								
2068	9.0	80223.1	-4230.1								
2069	9.9	80224.1	-4235.2								
2070	9.2	80225.1	-4220.3								
2071	10.4	80226.1	-4233.8								
2072	9.4	80234.1	-4236.2								
2073	9.4	80236.1	-4246.6								
2074	10.4	80239.1	-4212.3								
2075	9.9	80240.1	-4256.5								
2076	9.4	80244.1	-4227.8								
2077	9.6	80246.6	-4227.5								
2078	10.4	80254.1	-4210.1								
2079	10.1	80257.5	-4200.7								
2080	10.4	80300.7	-4207.4								
2081	10.4	80301.2	-4207.0								
2082	10.2	80303.7	-4257.2								
2083	9.4	80309.7	-4255.7								
2084	10.4	80309.7	-4218.6								
2085	10.2	80309.7	-4204.3								
2086	9.2	80310.7	-4214.3								
2087	10.2	80323.7	-4245.9								
2088	9.2	80324.7	-4218.4								
2089	9.7	80328.7	-4243.9								
2090	9.6	80329.1	-4201.5								
2091	10.4	80329.2	-4202.4								
2092	9.4	80330.7	-4250.0								
2093	10.4	80332.2	-4237.0								
2094	10.0	80332.7	-4235.7								
2095	9.6	80336.0	-4258.8								
2096	9.6	80340.2	-4240.6								
2097	9.4	80340.7	-4253.9								
2098	10.2	80343.2	-4203.0								
2099	10.1	80345.0	-4259.6								
2100	10.2	80348.5	-4259.1								
2101	9.4	80349.7	-4206.5								
2102	10.1	80353.7	-4207.7								
2103	10.4	80359.7	-4219.8								
2104	10.2	80409.2	-4246.0								
2105	9.8	80411.2	-4210.0								
2106	10.0	80415.2	-4211.1								
2107	10.2	80415.7	-4215.1								
2108	9.4	80417.2	-4235.0								
2109	10.2	80418.7	-4249.5								
2110	9.4	80419.7	-4221.8								
2111	10.4	80422.2	-4204.5								
2112	9.7	80424.7	-4236.9								
2113	10.4	80427.7	-4244.3								
2114	9.8	80429.4	-4259.1								
2115	9.4	80429.7	-4215.1								
2116	9.9	80430.7	-4246.0								
2117	10.1	80432.7	-4212.1								
2118	10.4	80434.7	-4224.9								
2119	10.4	80434.7	-4225.9								

-42 2120 8h04m

-42 2479 8h21m

2120	9.8	80437.6	-4228.2	2210	9.8	80837.3	-4259.0	2300	9.8	81224.9	-4243.8
2121	9.8	80437.6	-4244.4	2211	10.4	80838.1	-4255.8	2301	10.2	81227.9	-4235.2
2122	9.4	80444.6	-4237.2	2212	9.6	80839.1	-4227.8	2302	10.4	81231.9	-4255.6
2123	8.8	80448.1	-4225.1	2213	10.4	80839.5	-4233.6	2303	9.9	81236.4	-4214.6
2124	9.6	80449.6	-4248.2	2214	9.8	80840.6	-4219.6	2304	9.8	81238.9	-4217.1
2125	10.4	80450.1	-4202.0	2215	10.0	80843.6	-4239.7	2305	9.4	81242.2	-4219.3
2126	10.4	80458.1	-4231.9	2216	10.0	80844.6	-4239.8	2306	9.2	81242.3	-4245.1
2127	10.2	80459.6	-4236.6	2217	10.2	80849.6	-4217.6	2307	10.4	81242.4	-4251.2
2128	10.0	80500.6	-4203.8	2218	9.8	80853.1	-4256.0	2308	9.8	81242.5	-4213.9
2129	10.1	80514.6	-4248.9	2219	10.2	80855.6	-4243.4	2309	8.6	81243.2	-4220.1
2130	9.9	80517.0	-4258.5	2220	9.9	80857.6	-4243.8	2310	10.1	81244.7	-4241.6
2131	10.2	80519.6	-4213.1	2221	9.4	80858.6	-4219.6	2311	8.4	81246.7	-4242.4
2132	10.2	80519.6	-4235.5	2222	10.4	80904.5	-4204.2	2312	10.2	81246.7	-4249.0
2133	9.4	80519.6	-4236.2	2223	8.3	80905.0	-4219.3	2313	9.8	81248.2	-4205.4
2134	9.6	80519.6	-4225.1	2224	9.6	80908.5	-4252.2	2314	10.2	81253.0	-4257.5
2135	10.0	80520.1	-4253.8	2225	9.2	80910.5	-4245.6	2315	9.8	81258.9	-4203.6
2136	9.0	80523.1	-4223.1	2226	9.4	80913.0	-4234.1	2316	8.0	81259.9	-4208.0
2137	10.0	80527.6	-4221.8	2227	10.4	80914.0	-4258.1	2317	10.4	81304.3	-4242.4
2138	10.4	80528.4	-4235.6	2228	10.4	80915.0	-4215.1	2318	10.1	81308.6	-4223.5
2139	10.0	80529.6	-4253.4	2229	9.9	80915.0	-4223.1	2319	9.4	81309.2	-4216.5
2140	7.0	80533.6	-4216.3	2230	9.2	80916.5	-4210.2	2320	10.4	81309.3	-4246.6
2141	8.6	80539.6	-4206.1	2231	9.7	80917.0	-4246.4	2321	10.4	81309.4	-4255.5
2142	9.7	80544.1	-4211.6	2232	9.9	80918.5	-4211.1	2322	9.8	81311.7	-4218.0
2143	10.4	80545.6	-4218.4	2233	9.9	80921.0	-4209.2	2323	10.2	81313.7	-4233.3
2144	10.1	80550.1	-4236.9	2234	10.2	80922.5	-4207.2	2324	9.7	81319.5	-4258.6
2145	10.4	80550.6	-4217.5	2235	10.1	80924.0	-4230.6	2325	10.4	81321.4	-4211.7
2146	9.6	80553.6	-4217.9	2236	10.0	80924.7	-4257.8	2326	10.4	81326.7	-4226.1
2147	9.4	80555.2	-4202.5	2237	10.4	80925.1	-4224.9	2327	10.4	81336.9	-4221.1
2148	10.2	80605.6	-4233.1	2238	9.8	80929.0	-4235.1	2328	9.8	81343.2	-4255.3
2149	10.4	80605.6	-4214.3	2239	9.8	80930.0	-4208.6	2329	10.4	81343.4	-4202.4
2150	10.1	80606.1	-4229.9	2240	10.0	80931.0	-4249.3	2330	10.4	81344.7	-4218.0
2151	10.4	80608.6	-4228.2	2241	10.2	80932.0	-4218.3	2331	9.2	81345.4	-4217.0
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2153	10.4	80613.1	-4242.5	2243	10.1	80941.5	-4233.9	2333	10.0	81401.1	-4252.0
2154	10.4	80617.6	-4242.8	2244	10.2	80943.5	-4205.0	2334	9.7	81401.9	-4259.3
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2156	9.8	80619.6	-4206.8	2246	10.2	80945.0	-4243.5	2336	10.2	81409.6	-4210.5
2157	10.4	80620.1	-4249.9	2247	10.4	80948.0	-4215.3	2337	9.2	81411.1	-4221.1
2158	10.2	80632.6	-4210.6	2248	9.4	80949.0	-4242.9	2338	10.3	81411.1	-4218.7
2159	10.4	80633.1	-4209.3	2249	9.2	80956.0	-4212.8	2339	10.2	81415.6	-4216.6
2160	8.8	80639.1	-4225.7	2250	9.8	80956.0	-4224.7	2340	10.0	81420.1	-4215.5
2161	10.1	80640.6	-4252.8	2251	10.2	80959.0	-4227.6	2341	10.3	81420.6	-4230.1
2162	10.4	80641.6	-4234.0	2252	10.2	81000.0	-4221.9	2342	10.0	81420.6	-4258.0
2163	10.2	80642.6	-4223.8	2253	9.2	81000.5	-4205.4	2343	9.2	81422.1	-4208.0
2164	10.4	80643.1	-4231.9	2254	9.6	81004.5	-4204.3	2344	10.2	81427.1	-4241.9
2165	10.4	80647.6	-4253.9	2255	10.4	81009.0	-4258.0	2345	9.2	81427.6	-4234.7
2166	9.8	80648.1	-4253.1	2256	9.0	81014.5	-4243.6	2346	10.3	81432.1	-4211.9
2167	10.2	80649.6	-4242.3	2257	9.8	81015.0	-4215.8	2347	10.3	81432.1	-4231.1
2168	9.9	80649.6	-4230.9	2258	9.4	81019.0	-4218.9	2348	8.8	81434.1	-4221.7
2169	10.2	80649.6	-4257.1	2259	9.6	81023.5	-4250.6	2349	9.2	81435.6	-4234.6
2170	10.4	80654.1	-4254.1	2260	9.4	81025.5	-4233.9	2350	8.0	81436.6	-4208.1
2171	10.4	80657.5	-4257.5	2261	9.8	81029.0	-4233.5	2351	10.2	81439.1	-4214.3
2172	9.0	80658.1	-4210.9	2262	9.9	81031.0	-4244.0	2352	10.3	81439.6	-4227.4
2173	10.4	80659.6	-4244.4	2263	10.4	81031.5	-4251.2	2353	10.0	81439.6	-4235.1
2174	10.4	80700.6	-4213.6	2264	10.4	81032.5	-4209.0	2354	9.8	81441.6	-4217.5
2175	9.4	80701.6	-4239.1	2265	10.2	81032.5	-4220.0	2355	9.8	81443.1	-4251.1
2176	9.6	80703.1	-4204.5	2266	9.7	81038.5	-4234.4	2356	9.9	81444.1	-4249.6
2177	10.0	80703.5	-4204.3	2267	10.4	81049.0	-4209.1	2357	9.2	81448.1	-4228.6
2178	10.2	80704.1	-4221.0	2268	9.8	81049.9	-4209.8	2358	9.9	81450.6	-4236.6
2179	9.4	80704.6	-4244.2	2269	10.2	81055.4	-4224.4	2359	9.8	81458.1	-4247.6
2180	8.8	80705.0	-4259.5	2270	10.4	81056.9	-4225.2	2360	10.2	81515.6	-4206.3
2181	9.4	80705.6	-4232.1	2271	9.8	81059.9	-4239.3	2361	10.3	81518.6	-4236.8
2182	9.9	80710.6	-4243.7	2272	9.8	81059.9	-4251.6	2362	9.6	81519.6	-4202.3
2183	9.8	80711.1	-4212.0	2273	9.8	81104.4	-4236.0	2363	9.4	81521.6	-4226.4
2184	9.2	80711.5	-4233.1	2274	9.2	81106.4	-4204.6	2364	10.3	81523.8	-4202.2
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2186	5.7	80713.5	-4236.9	2276	9.9	81110.4	-4258.9	2366	10.0	81528.6	-4227.4
2187	9.2	80715.6	-4242.2	2277	9.0	81111.4	-4203.0	2367	10.3	81529.1	-4244.2
2188	9.8	80719.6	-4212.7	2278	9.8	81112.9	-4247.7	2368	8.5	81530.1	-4219.7
2189	9.4	80726.1	-4248.7	2279	10.0	81113.9	-4229.3	2369	10.2	81531.1	-4229.5
2190	10.2	80742.6	-4255.6	2280	10.4	81114.9	-4205.0	2370	9.6	81557.1	-4203.5
2191	10.0	80744.3	-4257.1	2281	10.4	81115.4	-4232.9	2371	9.6	81558.1	-4232.1
2192	9.8	80749.6	-4242.0	2282	9.7	81115.9	-4210.0	2372	9.8	81601.1	-4228.0
2193	9.8	80750.6	-4214.9	2283	10.2	81116.4	-4237.5	2373	9.4	81602.1	-4248.4
2194	10.4	80754.1	-4202.0	2284	10.2	81119.9	-4203.6	2374	9.0	81604.6	-4237.5
2195	10.1	80759.1	-4240.8	2285	10.4	81124.4	-4238.2	2375	10.3	81611.1	-4214.5
2196	10.4	80759.1	-4247.7	2286	9.8	81133.4	-4207.5	2376	9.8	81616.6	-4210.1
2197	10.4	80759.6	-4221.0	2287	10.4	81139.9	-4232.8	2377	9.4	81618.1	-4201.9
2198	10.4	80810.6	-4230.2	2288	9.8	81140.3	-4201.7	2378	10.3	81621.1	-4249.2
2199	10.1	80814.1	-4215.6	2289	10.4	81141.4	-4231.8	2379	10.3	81621.1	-4231.5
2200	10.2	80815.1	-4215.7	2290	10.2	81141.9	-4233.1	2380	9.8	81629.1	-4206.7
2201	10.4	80819.6	-4208.2	2291	10.0	81146.4	-4204.2	2381	9.8	81631.9	-4200.7
2202	10.2	80820.1	-4214.7	2292	10.4	81149.9	-4223.2	2382	10.2	81634.1	-4237.5
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2208	10.2	80831.1	-4215.7	2298	10.0	81210.9	-4242.2	2388	9.0	81650.9	-4201.0
2209	10.4	80833.6	-4218.4	2299	9.8	81214.9	-4218.9	2389	9.9	81651.1	-4256.4
2390	9.6	81654.6	-4230.0								
2391	10.3	81709.1	-4238.7								
2392	10.2	81711.6	-4213.1								
2393	10.2	81712.1	-4224.3								
2394	10.2	81713.6	-4243.7								
2395	9.2	81713.7	-4256.9								
2396	9.8	81721.6	-4258.9								
2397	8.0	81723.6	-4226.1								
2398	9.8	81729.6	-4202.2								
2399	10.0	81733.1	-4231.8								
2400	9.0	81737.1	-4237.6								
2401	10.3	81737.6	-4203.4								
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2409	10.3	81804.8	-4259.9								
2410	9.8	81809.1	-4248.4								
2411	9.7	81818.6	-4225.1								
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2574 9.9	82521.2	-4236.1	
2575 10.0	82522.7	-4245.2	
2576 9.8	82527.2	-4228.3	
2577 10.2	82531.7	-4206.6	
2578 9.8	82532.2	-4215.9	
2579 9.7	82542.2	-4221.9	
2580 9.2	82543.2	-4212.2	
2581 10.3	82544.8	-4205.3	
2582 9.8	82545.2	-4203.3	
2583 9.0	82546.2	-4237.6	
2584 9.6	82547.2	-4202.6	
2585 9.8	82548.7	-4216.0	
2586 9.6	82549.2	-4209.0	
2587 9.2	82553.2	-4247.1	
2588 10.2	82554.7	-4223.2	
2589 10.3	82557.2	-4239.9	
2590 9.2	82559.2	-4239.8	
2591 8.6	82601.2	-4245.3	
2592 10.3	82602.2	-4256.1	
2593 8.4	82603.2	-4213.5	
2594 10.2	82604.2	-4209.0	
2595 10.2	82604.2	-4235.9	
2596 9.0	82608.2	-4229.3	
2597 10.2	82613.7	-4243.2	
2598 10.0	82615.2	-4222.2	
2599 10.0	82615.2	-4244.6	
2600 10.3	82617.7	-4243.8	
2601 9.8	82619.2	-4244.1	
2602 8.9	82624.7	-4245.4	
2603 10.2	82626.9	-4258.7	
2604 9.8	82631.4	-4257.1	
2605 10.2	82633.7	-4209.0	
2606 10.0	82635.2	-4221.7	
2607 10.3	82635.2	-4231.8	
2608 9.9	82636.2	-4215.6	
2609 9.9	82639.2	-4245.0	
2610 10.3	82640.2	-4252.1	
2611 9.0	82640.7	-4244.9	
2612 9.8	82642.2	-4219.6	
2613 10.3	82645.2	-4248.9	
2614 10.3	82645.7	-4229.7	
2615 9.6	82648.7	-4226.2	
2616 10.0	82650.2	-4210.6	
2617 9.7	82653.2	-4253.7	
2618 10.3	82654.2	-4235.0	
2619 10.3	82702.7	-4258.9	
2620 10.2	82706.1	-4222.3	
2621 9.2	82707.7	-4201.4	
2622 10.3	82709.7	-4231.2	
2623 9.8	82711.2	-4213.5	
2624 9.6	82711.2	-4257.0	
2625 10.3	82712.7	-4245.8	
2626 10.0	82715.5	-4202.2	
2627 9.8	82720.2	-4219.8	
2628 10.0	82726.2	-4208.7	
2629 10.2	82733.2	-4230.4	
2630 9.4	82733.7	-4227.2	
2631 10.3	82735.1	-4240.6	
2632 9.0	82736.2	-4217.9	
2633 10.2	82743.1	-4219.1	
2634 10.2	82750.2	-4245.1	
2635 10.2	82751.2	-4235.3	
2636 10.2	82754.2	-4244.2	
2637 10.2	82755.2	-4201.2	
2638 10.2	82757.2	-4204.8	
2639 10.2	82800.2	-4213.8	
2640 9.9	82804.2	-4244.1	
2641 10.3	82804.2	-4248.7	
2642 10.0	82806.7	-4228.9	
2643 10.0	82806.7	-4213.4	
2644 10.3	82809.2	-4230.5	
2645 9.0	82811.2	-4252.6	
2646 9.2	82813.2	-4221.7	
2647 10.2	82813.2	-4243.0	
2648 10.0	82814.2	-4206.6	
2649 9.2	82814.2	-4211.4	
2650 10.3	82821.2	-4221.2	
2651 10.3	82822.7	-4220.3	
2652 8.1	82823.7	-4248.5	
2653 10.3	82824.2	-4221.0	
2654 9.7	82824.7	-4210.6	
2655 10.3	82828.7	-4218.3	
2656 9.8	82829.2	-4256.6	
2657 10.3	82832.7	-4246.0	
2658 10.3	82839.2	-4253.5	
2659 10.3	82839.7	-4232.8	
2660 10.3	82842.2	-4232.8	
2661 10.0	82846.2	-4207.0	
2662 9.8	82849.2	-4239.4	
2663 10.3	82849.2	-4241.1	
2664 9.9	82859.2	-4209.2	
2665 8.9	82859.7	-4225.4	
2666 8.6	82900.7	-4239.1	
2667 10.3	82910.2	-4250.0	
2668 10.3	82910.2	-4243.4	
2669 9.8	82913.2	-4207.5	
2670 8.8	82913.2	-4220.8	
2671 8.6	82914.7	-4235.7	
2672 8.4	82915.2	-4212.3	
2673 9.7	82922.7	-4230.2	
2674 9.8	82926.2	-4241.2	
2675 10.0	82930.2	-4234.1	
2676 9.2	82930.7	-4247.9	
2677 10.2	82937.2	-4244.8	
2678 10.0	82938.2	-4238.1	
2679 10.0	82940.2	-4249.4	
2680 9.2	82941.2	-4207.2	
2681 10.0	82943.2	-4252.1	
2682 10.0	82944.2	-4203.1	
2683 9.9	82944.7	-4203.5	
2684 9.8	82951.7	-4239.1	
2685 10.0	83003.7	-4208.9	
2686 9.4	83003.7	-4222.3	
2687 9.7	83009.2	-4218.1	
2688 10.2	83010.2	-4217.6	
2689 9.9	83010.2	-4218.6	
2690 10.3	83011.1	-4228.9	
2691 9.4	83018.2	-4224.4	
2692 9.7	83018.7	-4225.1	
2693 10.2	83019.1	-4246.1	
2694 10.0	83019.2	-4219.0	
2695 10.3	83023.2	-4248.6	
2696 10.0	83025.2	-4220.1	
2697 9.8	83025.2	-4244.4	
2698 10.0	83028.2	-4205.3	
2699 10.0	83028.2	-4205.6	
2700 10.2	83028.2	-4219.9	
2701 10.2	83045.2	-4208.6	
2702 10.0	83050.2	-4217.6	
2703 10.3	83052.7	-4217.0	
2704 10.0	83053.2	-4213.8	
2705 9.0	83055.2	-4232.4	
2706 9.4	83059.2	-4229.0	
2707 9.6	83101.2	-4250.2	
2708 10.0	83104.2	-4225.6	
2709 9.4	83104.2	-4251.5	
2710 9.6	83109.2	-4222.1	
2711 10.3	83109.2	-4203.6	
2712 9.8	83110.2	-4216.9	
2713 10.0	83110.5	-4202.0	
2714 7.9	83112.7	-4207.7	
2715 9.4	83114.2	-4242.5	
2716 9.4	83115.7	-4222.4	
2717 9.8	83118.2	-4248.5	
2718 9.7	83121.2	-4226.4	
2719 9.7	83124.5	-4200.3	
2720 10.3	83127.2	-4222.6	
2721 9.8	83130.2	-4239.2	
2722 9.6	83138.2	-4233.2	
2723 10.3	83139.2	-4203.6	
2724 9.6	83139.2	-4209.3	
2725 9.4	83141.2	-4226.7	
2726 9.8	83143.2	-4214.7	
2727 10.3	83144.2	-4206.3	
2728 9.9	83145.7	-4237.1	
2729 10.0	83147.7	-4241.8	
2730 9.4	83148.2	-4205.4	
2731 9.0	83150.5	-4257.8	
2732 10.3	83153.2	-4239.6	
2733 10.3	83154.7	-4258.6	
2734 9.8	83159.5	-4200.0	
2735 9.7	83202.7	-4236.8	
2736 9.7	83213.2	-4230.0	
2737 9.6	83214.2	-4203 [illegible]	
2738 9.6	83217.7	-4216.5	
2739 9.7	83217.9	-4259.6	
2740 10.3	83220.2	-4212.2	
2741 9.4	83221.7	-4207.2	
2742 9.7	83221.7	-4233.2	
2743 9.6	83227.2	-4245.0	
2744 9.8	83234.2	-4237.6	
2745 10.0	83245.2	-4214.2	
2746 9.9	83245.7	-4203.8	
2747 10.0	83251.2	-4233.6	
2748 9.2	83251.2	-4221.6	
2749 10.3	83255.1	-4221.8	
2750 9.4	83259.2	-4221.1	
2751 10.2	83259.2	-4247.8	
2752 9.7	83309.2	-4235.6	
2753 10.2	83310.2	-4232.8	
2754 5.2	83315.2	-4233.1	
2755 9.7	83321.2	-4204.6	
2756 10.3	83322.2	-4209.5	
2757 10.3	83324.2	-4233.0	
2758 9.0	83328.2	-4207.2	
2759 9.8	83328.2	-4236.3	
2760 9.6	83333.4	-4220.5	
2761 9.4	83337.7	-4252.2	
2762 9.4	83341.7	-4221.2	
2763 10.2	83344.2	-4204.0	
2764 10.0	83350.4	-4259.7	
2765 10.2	83353.2	-4208.9	
2766 9.6	83354.7	-4222.5	
2767 10.2	83355.7	-4255.6	
2768 9.4	83359.2	-4234.2	
2769 9.6	83408.2	-4226.0	
2770 9.9	83409.2	-4249.0	
2771 8.0	83414.5	-4200.5	
2772 10.3	83417.1	-4213.5	
2773 9.4	83420.2	-4242.0	
2774 10.2	83420.7	-4208.9	
2775 9.8	83427.2	-4200.4	
2776 9.8	83429.2	-4218.3	
2777 10.2	83434.2	-4245.0	
2778 10.0	83435.2	-4227.3	
2779 9.7	83435.7	-4212.3	
2780 10.3	83444.7	-4215.0	
2781 9.2	83449.2	-4220.6	
2782 9.7	83450.2	-4235.6	
2783 9.7	83450.2	-4251.7	
2784 9.9	83458.2	-4220.4	
2785 10.3	83459.2	-4259.9	
2786 10.0	83501.2	-4207.8	
2787 9.8	83509.2	-4205.7	
2788 8.3	83510.2	-4202.8	
2789 9.2	83521.2	-4232.9	
2790 9.8	83524.2	-4248.7	
2791 10.2	83528.2	-4220.7	
2792 9.8	83530.7	-4252.1	
2793 9.4	83541.2	-4223.1	
2794 9.9	83543.2	-4231.4	
2795 9.7	83557.7	-4249.4	
2796 9.8	83559.2	-4253.4	
2797 10.3	83601.7	-4258.3	
2798 10.2	83606.2	-4212.3	
2799 9.4	83609.2	-4248.9	
2800 9.2	83610.2	-4255.6	
2801 10.3	83613.2	-4203.2	
2802 10.2	83617.2	-4206.9	
2803 10.2	83617.7	-4236.9	
2804 9.8	83621.2	-4210.0	
2805 9.8	83623.2	-4237.3	
2806 8.9	83624.2	-4232.8	
2807 10.0	83626.7	-4212.4	
2808 10.2	83630.2	-4207.4	
2809 10.0	83635.2	-4244.5	
2810 9.8	83635.7	-4225.0	
2811 9.8	83638.2	-4219.2	
2812 9.8	83640.2	-4201.3	
2813 9.0	83641.2	-4241.0	
2814 9.8	83650.2	-4218.1	
2815 10.2	83650.2	-4220.0	
2816 9.7	83651.2	-4241.3	
2817 9.7	83653.7	-4241.6	
2818 10.0	83655.2	-4205.1	
2819 10.3	83656.2	-4253.7	
2820 10.0	83657.7	-4254.3	
2821 8.6	83709.2	-4208.7	
2822 9.8	83716.7	-4258.5	
2823 10.0	83719.2	-4213.8	
2824 9.9	83720.2	-4200.1	
2825 10.0	83721.2	-4254.4	
2826 10.2	83723.2	-4206.1	
2827 9.2	83728.2	-4209.3	
2828 9.8	83730.2	-4236.2	
2829 9.7	83732.7	-4255.0	
2830 8.3	83733.2	-4209.0	
2831 9.6	83734.7	-4200.4	
2832 10.2	83740.2	-4252.0	
2833 10.0	83741.2	-4235.8	
2834 8.5	83744.2	-4228.7	
2835 10.0	83749.2	-4218.2	
2836 9.8	83749.2	-4245.6	
2837 10.0	83752.2	-4249.7	
2838 9.7	83754.7	-4259.1	
2839 9.7	83803.7	-4240.9	

-42 2839 8h38m

-42 2840 8h38m

-42 3199 8h54m

2840	10.2	83808.2	-4250.9	2930	10.4	84215.8	-4223.1	3020	9.4	84531.3	-4234.2
2841	10.0	83811.2	-4221.2	2931	9.8	84219.8	-4208.5	3021	8.2	84533.8	-4205.7
2842	10.3	83815.2	-4208.2	2932	10.4	84236.8	-4205.8	3022	10.4	84536.3	-4209.6
2843	10.0	83817.2	-4231.9	2933	10.2	84238.8	-4206.0	3023	10.0	84537.2	-4258.9
2844	9.8	83821.2	-4236.8	2934	9.2	84239.3	-4214.7	3024	10.4	84541.3	-4251.7
2845	9.9	83823.2	-4222.2	2935	9.0	84242.3	-4205.1	3025	10.4	84543.3	-4238.5
2846	9.2	83825.2	-4226.3	2936	9.2	84243.8	-4210.8	3026	10.0	84544.8	-4241.9
2847	9.6	83826.7	-4241.9	2937	10.4	84245.4	-4257.8	3027	10.2	84546.8	-4206.5
2848	9.9	83830.7	-4249.8	2938	7.8	84248.3	-4208.6	3028	9.8	84550.8	-4230.5
2849	9.0	83832.7	-4235.9	2939	10.4	84249.8	-4222.1	3029	9.1	84555.8	-4221.7
2850	10.2	83834.2	-4257.6	2940	9.2	84251.3	-4216.0	3030	10.1	84558.8	-4259.1
2851	9.8	83836.7	-4258.3	2941	8.5	84255.3	-4201.0	3031	10.0	84558.8	-4228.1
2852	10.0	83838.7	-4223.0	2942	8.4	84258.8	-4218.5	3032	10.4	84601.3	-4205.6
2853	9.9	83839.2	-4213.4	2943	10.2	84300.8	-4242.3	3033	8.4	84603.3	-4250.8
2854	9.4	83839.6	-4254.0	2944	9.4	84301.5	-4203.1	3034	9.6	84603.3	-4244.0
2855	10.3	83841.6	-4204.6	2945	10.2	84302.8	-4233.0	3035	9.4	84604.8	-4231.1
2856	9.8	83843.1	-4200.3	2946	9.2	84303.8	-4215.2	3036	9.8	84609.8	-4232.0
2857	8.4	83844.1	-4251.9	2947	7.8	84304.0	-4201.6	3037	10.0	84610.8	-4217.1
2858	9.2	83853.1	-4245.1	2948	9.0	84308.3	-4205.9	3038	10.0	84612.8	-4253.6
2859	10.3	83853.1	-4242.4	2949	10.0	84309.8	-4205.5	3039	9.2	84613.8	-4242.8
2860	10.3	83903.1	-4216.1	2950	10.0	84312.8	-4229.6	3040	8.8	84614.3	-4242.2
2861	9.4	83907.1	-4227.1	2951	9.2	84313.8	-4224.2	3041	9.7	84614.8	-4255.2
2862	9.6	83912.6	-4228.9	2952	9.8	84314.8	-4216.1	3042	8.5	84616.3	-4211.2
2863	10.2	83917.6	-4254.9	2953	9.6	84317.8	-4226.7	3043	9.2	84618.8	-4234.3
2864	9.6	83921.6	-4254.1	2954	10.4	84318.9	-4202.6	3044	9.1	84627.8	-4235.0
2865	10.3	83923.1	-4236.9	2955	9.2	84322.3	-4246.2	3045	10.4	84632.8	-4218.1
2866	9.4	83923.6	-4211.4	2956	8.3	84322.8	-4205.2	3046	10.2	84637.3	-4237.4
2867	9.7	83925.1	-4204.9	2957	8.7	84325.8	-4207.8	3047	10.2	84637.3	-4207.4
2868	9.8	83928.1	-4237.6	2958	9.7	84328.3	-4227.2	3048	9.0	84638.8	-4258.2
2869	10.3	83928.1	-4222.2	2959	7.8	84328.8	-4253.7	3049	10.0	84642.8	-4245.8
2870	10.3	83929.1	-4201.1	2960	8.5	84330.8	-4206.3	3050	9.2	84643.8	-4214.8
2871	10.0	83935.6	-4204.2	2961	10.4	84330.8	-4234.4	3051	9.7	84644.8	-4213.1
2872	10.3	83937.7	-4245.4	2962	10.4	84331.8	-4256.7	3052	9.7	84648.3	-4215.5
2873	9.6	83938.7	-4255.9	2963	7.4	84339.0	-4200.2	3053	10.4	84652.8	-4253.6
2874	9.7	83939.1	-4240.2	2964	10.4	84339.7	-4212.9	3054	10.2	84653.8	-4243.5
2875	10.3	83947.6	-4231.0	2965	9.4	84339.8	-4256.1	3055	7.4	84657.1	-4202.2
2876	9.9	83951.6	-4240.0	2966	10.4	84343.8	-4241.4	3056	9.7	84703.8	-4212.0
2877	10.0	83954.1	-4240.0	2967	9.3	84344.3	-4226.9	3057	10.4	84705.8	-4218.3
2878	6.6	83957.1	-4211.8	2968	9.6	84346.3	-4210.3	3058	8.9	84708.8	-4255.7
2879	9.7	84000.1	-4211.5	2969	10.0	84348.8	-4204.2	3059	10.4	84708.8	-4230.9
2880	9.8	84000.1	-4242.9	2970	10.2	84349.8	-4214.5	3060	9.4	84708.8	-4212.1
2881	9.6	84000.4	-4256.9	2971	9.7	84351.3	-4246.4	3061	9.8	84709.8	-4246.3
2882	9.0	84004.1	-4217.0	2972	9.8	84355.8	-4241.9	3062	9.8	84711.8	-4256.7
2883	10.2	84009.1	-4236.1	2973	9.8	84358.8	-4249.3	3063	10.4	84713.8	-4204.7
2884	9.7	84010.8	-4244.2	2974	10.2	84400.8	-4217.7	3064	10.4	84716.3	-4255.7
2885	10.1	84014.8	-4255.0	2975	9.6	84401.8	-4211.4	3065	10.4	84716.3	-4253.8
2886	9.7	84015.3	-4222.5	2976	9.7	84401.8	-4254.6	3066	10.4	84717.8	-4205.2
2887	10.4	84015.3	-4250.6	2977	9.1	84407.3	-4210.0	3067	10.1	84722.3	-4203.4
2888	10.2	84015.5	-4259.7	2978	10.4	84407.8	-4204.3	3068	9.8	84730.8	-4249.6
2889	7.7	84017.0	-4210.3	2979	8.9	84410.5	-4202.2	3069	9.2	84742.8	-4231.8
2890	10.4	84024.3	-4202.8	2980	10.2	84413.5	-4259.5	3070	10.4	84747.8	-4234.2
2891	10.2	84027.2	-4257.1	2981	10.4	84414.3	-4226.4	3071	8.8	84757.8	-4216.7
2892	9.3	84028.8	-4248.1	2982	10.1	84414.3	-4224.7	3072	9.8	84759.3	-4245.2
2893	9.6	84030.3	-4234.1	2983	10.4	84414.8	-4251.0	3073	9.4	84759.8	-4232.6
2894	10.0	84034.3	-4242.5	2984	9.8	84418.8	-4254.4	3074	9.8	84759.8	-4239.4
2895	9.4	84034.8	-4216.7	2985	10.4	84420.8	-4209.5	3075	9.1	84803.8	-4258.4
2896	10.4	84035.5	-4259.9	2986	10.4	84422.8	-4221.4	3076	9.4	84809.3	-4248.3
2897	10.4	84037.8	-4252.7	2987	9.3	84423.8	-4233.4	3077	10.2	84813.8	-4254.8
2898	10.4	84041.3	-4212.2	2988	10.4	84429.8	-4257.4	3078	8.9	84814.6	-4200.6
2899	9.8	84045.3	-4214.0	2989	9.6	84431.3	-4241.9	3079	9.8	84816.8	-4229.3
2900	10.0	84048.8	-4219.0	2990	9.8	84437.8	-4207.7	3080	9.8	84818.8	-4210.0
2901	10.4	84051.8	-4255.6	2991	9.8	84439.0	-4202.4	3081	9.2	84819.3	-4240.5
2902	10.0	84059.8	-4227.6	2992	9.8	84439.3	-4246.2	3082	10.1	84820.3	-4221.7
2903	10.4	84107.8	-4238.8	2993	10.0	84439.8	-4246.0	3083	9.8	84827.8	-4239.4
2904	8.5	84108.8	-4252.5	2994	10.4	84442.8	-4226.6	3084	9.2	84833.8	-4206.1
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2906	10.4	84118.8	-4224.1	2996	9.8	84446.3	-4204.2	3086	10.4	84848.8	-4240.6
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2911	10.0	84136.8	-4207.3	3001	7.3	84454.3	-4254.4	3091	10.4	84919.8	-4206.5
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2914	10.4	84139.3	-4220.6	3004	9.4	84458.8	-4258.8	3094	10.4	84933.8	-4249.7
2915	9.3	84141.8	-4250.8	3005	9.6	84503.3	-4251.9	3095	10.4	84934.8	-4241.6
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3112	10.4	85021.8	-4203.7								
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3118	10.4	85054.8	-4235.0								
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3417 10.4	90534.2	-4206.2	
3418 9.7	90538.7	-4220.4	
3419 10.4	90539.7	-4222.8	
3420 10.1	90541.2	-4235.8	
3421 10.2	90543.7	-4255.6	
3422 9.7	90551.2	-4208.9	
3423 10.1	90558.5	-4259.0	
3424 10.4	90558.7	-4230.6	
3425 8.8	90559.2	-4234.3	
3426 10.4	90602.7	-4258.3	
3427 9.4	90608.0	-4255.8	
3428 9.8	90610.7	-4245.8	
3429 8.9	90613.5	-4247.6	
3430 7.4	90619.5	-4245.3	
3431 9.8	90625.7	-4250.0	
3432 7.4	90629.5	-4245.6	
3433 10.0	90633.2	-4216.8	
3434 9.7	90639.0	-4231.8	
3435 10.4	90642.5	-4245.4	
3436 10.4	90644.0	-4253.0	
3437 10.5	90644.3	-4218.3	
3438 9.9	90646.0	-4243.0	
3439 10.5	90647.5	-4209.2	
3440 9.5	90651.6	-4257.0	
3441 10.5	90652.8	-4209.7	
3442 10.2	90653.0	-4210.0	
3443 10.5	90653.8	-4212.0	
3444 10.0	90706.8	-4218.1	
3445 10.5	90708.5	-4229.4	
3446 9.8	90711.2	-4220.1	
3447 10.4	90711.2	-4213.5	
3448 10.4	90714.0	-4239.5	
3449 10.6	90717.3	-4258.6	
3450 9.7	90726.8	-4233.7	
3451 10.0	90731.8	-4209.4	
3452 10.2	90732.0	-4208.7	
3453 8.5	90733.3	-4204.8	
3454 10.5	90740.3	-4238.0	
3455 10.0	90746.8	-4244.1	
3456 9.3	90748.3	-4226.2	
3457 10.0	90749.3	-4228.0	
3458 7.9	90751.3	-4246.8	
3459 10.5	90759.3	-4234.9	
3460 9.9	90802.3	-4216.6	
3461 9.8	90806.8	-4232.9	
3462 10.4	90809.3	-4236.1	
3463 10.5	90809.8	-4245.8	
3464 10.5	90809.9	-4202.0	
3465 9.6	90810.3	-4215.1	
3466 9.2	90811.4	-4201.2	
3467 8.0	90811.8	-4258.5	
3468 10.4	90813.3	-4250.8	
3469 10.2	90814.3	-4203.8	

-42 3559 9h13m

3470 10.5	90822.3	-4210.6	
3471 9.2	90833.6	-4200.0	
3472 9.9	90838.3	-4228.6	
3473 10.5	90841.3	-4246.9	
3474 10.2	90841.8	-4241.3	
3475 9.8	90842.8	-4257.4	
3476 10.0	90843.3	-4211.0	
3477 9.6	90843.8	-4245.6	
3478 9.4	90857.3	-4216.0	
3479 10.4	90859.3	-4242.2	
3480 10.5	90901.8	-4218.7	
3481 10.4	90903.3	-4233.6	
3482 10.4	90907.8	-4222.1	
3483 9.9	90914.3	-4206.2	
3484 10.2	90929.3	-4223.2	
3485 9.8	90938.3	-4220.0	
3486 9.4	90940.3	-4229.6	
3487 9.8	90940.3	-4217.1	
3488 5.7	90944.8	-4242.6	
3489 9.8	90949.3	-4242.0	
3490 9.8	90951.3	-4240.9	
3491 10.0	90952.3	-4254.0	
3492 10.5	90953.3	-4221.7	
3493 10.5	90955.8	-4218.4	
3494 9.8	90959.3	-4227.6	
3495 10.2	91000.3	-4229.1	
3496 10.2	91002.8	-4243.9	
3497 7.8	91005.1	-4256.9	
3498 9.8	91014.3	-4253.3	
3499 10.2	91015.3	-4238.5	
3500 10.2	91017.3	-4239.0	
3501 10.0	91019.3	-4242.0	
3502 9.8	91023.3	-4217.8	
3503 9.0	91027.3	-4254.9	
3504 9.5	91028.3	-4237.9	
3505 10.2	91028.3	-4223.1	
3506 10.2	91030.3	-4211.3	
3507 10.5	91032.3	-4239.2	
3508 9.0	91042.3	-4215.0	
3509 10.5	91050.3	-4202.5	
3510 10.5	91054.3	-4212.8	
3511 10.4	91059.8	-4217.2	
3512 10.4	91102.1	-4258.0	
3513 10.4	91102.8	-4249.7	
3514 9.0	91111.3	-4229.6	
3515 10.4	91113.3	-4239.7	
3516 9.6	91115.3	-4255.8	
3517 9.4	91115.8	-4227.2	
3518 10.0	91127.3	-4216.1	
3519 10.2	91134.1	-4217.6	
3520 9.8	91142.6	-4247.7	
3521 10.4	91143.6	-4228.0	
3522 10.0	91153.6	-4240.5	
3523 10.0	91154.1	-4233.0	
3524 9.5	91154.1	-4241.4	
3525 9.8	91158.6	-4238.1	
3526 10.2	91159.6	-4216.6	
3527 10.4	91202.1	-4231.1	
3528 9.4	91204.6	-4244.9	
3529 9.4	91207.1	-4220.8	
3530 10.2	91208.6	-4231.2	
3531 10.4	91210.6	-4220.8	
3532 9.8	91217.6	-4218.4	
3533 10.4	91221.1	-4222.7	
3534 10.2	91222.6	-4255.9	
3535 10.2	91224.6	-4208.1	
3536 10.4	91228.1	-4244.9	
3537 10.5	91229.6	-4207.7	
3538 10.0	91230.3	-4200.1	
3539 9.8	91235.6	-4222.0	
3540 10.0	91238.2	-4257.7	
3541 8.2	91238.6	-4252.5	
3542 10.0	91238.6	-4227.8	
3543 9.4	91242.6	-4218.2	
3544 10.4	91245.1	-4238.4	
3545 10.8	91254.6	-4224.7	
3546 9.6	91305.1	-4235.4	
3547 9.9	91307.6	-4250.0	
3548 10.0	91308.2	-4258.9	
3549 10.0	91309.1	-4218.6	
3550 10.5	91314.1	-4229.7	
3551 10.4	91317.1	-4220.5	
3552 9.8	91321.1	-4221.4	
3553 9.7	91323.6	-4236.5	
3554 10.5	91340.1	-4218.1	
3555 7.8	91346.1	-4250.3	
3556 10.2	91347.2	-4256.8	
3557 9.7	91348.6	-4229.8	
3558 9.5	91350.1	-4203.8	
3559 10.2	91351.1	-4215.7	

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-42 3919 9h35m

3560	9.5	91351.6	-4207.2	3650	10.0	91824.1	-4202.4	3740	9.9	92410.1	-4224.7	3830	9.8	92932.9	-4233.3
3561	9.5	91353.1	-4252.9	3651	10.4	91832.9	-4248.6	3741	10.5	92414.6	-4232.8	3831	9.8	92933.9	-4254.7
3562	9.9	91354.1	-4206.4	3652	9.8	91833.4	-4222.0	3742	10.5	92424.1	-4231.1	3832	10.2	92935.4	-4209.4
3563	10.5	91357.6	-4244.1	3653	9.9	91833.9	-4231.0	3743	9.5	92429.1	-4227.8	3833	10.0	92939.7	-4200.9
3564	10.4	91400.6	-4247.6	3654	10.5	91836.4	-4235.4	3744	10.5	92433.1	-4205.5	3834	10.2	92940.9	-4226.6
3565	10.5	91402.6	-4228.4	3655	10.0	91845.9	-4217.3	3745	7.4	92434.6	-4238.5	3835	10.0	92943.4	-4232.6
3566	10.2	91408.1	-4230.0	3656	9.4	91849.9	-4246.4	3746	9.0	92439.1	-4228.5	3836	10.0	92944.4	-4209.5
3567	10.0	91408.6	-4228.0	3657	9.2	91849.9	-4214.8	3747	9.8	92444.1	-4244.7	3837	10.4	92945.9	-4246.9
3568	10.5	91411.1	-4219.6	3658	9.9	91859.4	-4228.9	3748	10.0	92446.6	-4246.5	3838	9.8	92947.4	-4237.8
3569	10.5	91418.1	-4221.5	3659	10.4	91905.3	-4201.3	3749	10.4	92449.2	-4209.0	3839	9.8	92956.4	-4257.7
3570	10.4	91418.6	-4243.0	3660	9.6	91919.9	-4235.9	3750	9.9	92449.7	-4221.4	3840	10.2	93000.4	-4231.8
3571	9.5	91419.6	-4253.0	3661	10.5	91923.9	-4204.7	3751	9.9	92458.2	-4233.0	3841	10.5	93001.4	-4252.7
3572	9.7	91421.6	-4220.2	3662	10.2	91924.9	-4247.4	3752	10.5	92459.2	-4237.8	3842	10.2	93008.9	-4251.6
3573	9.8	91424.6	-4215.9	3663	9.3	91928.4	-4250.8	3753	9.9	92501.2	-4225.8	3843	9.8	93009.4	-4210.2
3574	10.5	91429.8	-4200.1	3664	10.5	91933.9	-4214.8	3754	10.2	92504.2	-4217.5	3844	9.8	93013.9	-4239.6
3575	10.5	91441.6	-4208.8	3665	10.2	91937.9	-4209.6	3755	7.8	92507.7	-4240.3	3845	9.5	93013.9	-4250.2
3576	10.0	91442.1	-4207.0	3666	10.4	91938.9	-4232.6	3756	10.0	92518.7	-4236.9	3846	10.5	93017.9	-4217.0
3577	8.6	91443.1	-4241.5	3667	10.5	91941.4	-4217.2	3757	10.0	92527.2	-4251.6	3847	10.0	93024.4	-4217.6
3578	10.5	91443.1	-4246.3	3668	10.5	91943.9	-4252.4	3758	10.5	92527.2	-4215.3	3848	10.4	93044.9	-4203.7
3579	9.7	91444.1	-4245.6	3669	10.5	91947.0	-4206.1	3759	9.7	92527.7	-4239.6	3849	10.4	93049.2	-4259.2
3580	10.4	91446.1	-4234.3	3670	10.4	91949.0	-4224.1	3760	9.9	92527.7	-4228.1	3850	9.8	93050.4	-4251.6
3581	10.4	91448.6	-4203.8	3671	8.8	91955.0	-4243.5	3761	10.5	92528.7	-4215.2	3851	10.2	93059.9	-4212.9
3582	10.5	91449.3	-4200.7	3672	9.4	91955.0	-4228.8	3762	10.4	92529.2	-4226.3	3852	10.2	93113.4	-4244.6
3583	10.5	91451.1	-4221.8	3673	9.8	91959.0	-4207.6	3763	10.5	92529.7	-4213.8	3853	10.0	93120.4	-4212.6
3584	10.5	91451.1	-4247.1	3674	9.9	92000.0	-4213.8	3764	10.0	92534.7	-4220.5	3854	10.4	93123.9	-4212.8
3585	9.8	91457.6	-4243.1	3675	10.2	92003.5	-4218.2	3765	10.5	92539.2	-4245.6	3855	9.4	93141.4	-4245.4
3586	10.5	91459.6	-4234.0	3676	10.4	92010.5	-4255.6	3766	10.0	92541.7	-4254.7	3856	10.4	93142.4	-4254.4
3587	10.5	91459.6	-4223.0	3677	9.8	92010.7	-4258.1	3767	9.9	92543.2	-4210.6	3857	10.5	93148.4	-4212.1
3588	10.4	91502.4	-4201.9	3678	10.0	92011.0	-4204.7	3768	10.0	92544.7	-4214.9	3858	9.2	93150.4	-4216.5
3589	10.4	91503.6	-4205.6	3679	10.4	92012.0	-4220.2	3769	9.9	92549.2	-4208.1	3859	10.2	93150.9	-4232.9
3590	10.0	91513.1	-4248.8	3680	10.2	92012.5	-4233.4	3770	9.4	92556.2	-4228.3	3860	10.4	93151.4	-4204.3
3591	10.5	91522.6	-4217.6	3681	10.5	92021.5	-4255.8	3771	9.4	92612.2	-4253.8	3861	10.2	93151.4	-4208.0
3592	10.0	91522.7	-4202.0	3682	9.2	92042.0	-4216.9	3772	9.4	92612.8	-4258.2	3862	9.7	93154.4	-4219.9
3593	8.2	91529.6	-4252.2	3683	10.4	92049.0	-4229.1	3773	9.9	92618.7	-4228.2	3863	10.4	93154.9	-4258.2
3594	9.8	91530.6	-4246.1	3684	10.5	92049.0	-4256.8	3774	10.5	92613.7	-4213.9	3864	9.9	93206.9	-4246.1
3595	10.5	91533.6	-4206.1	3685	10.4	92053.0	-4220.6	3775	10.5	92623.2	-4231.2	3865	10.2	93209.4	-4204.6
3596	10.4	91535.1	-4216.4	3686	10.5	92059.0	-4244.9	3776	10.0	92628.2	-4206.3	3866	10.5	93209.4	-4252.0
3597	9.2	91535.6	-4252.7	3687	10.2	92104.0	-4205.2	3777	10.0	92631.2	-4237.6	3867	10.0	93212.4	-4202.7
3598	9.9	91537.6	-4245.1	3688	10.4	92109.0	-4250.0	3778	9.8	92640.2	-4226.3	3868	10.2	93215.4	-4204.8
3599	10.5	91538.6	-4209.6	3689	10.2	92114.5	-4230.7	3779	9.5	92645.7	-4205.5	3869	10.2	93215.4	-4251.1
3600	10.2	91539.6	-4205.1	3690	10.4	92117.5	-4229.0	3780	9.9	92649.2	-4241.1	3870	10.2	93219.4	-4245.9
3601	8.6	91543.6	-4230.2	3691	10.4	92121.0	-4241.8	3781	10.2	92704.2	-4224.6	3871	8.6	93219.4	-4242.5
3602	10.5	91549.1	-4203.8	3692	10.5	92121.5	-4203.8	3782	9.7	92710.2	-4221.4	3872	10.0	93219.4	-4255.9
3603	10.5	91550.1	-4251.2	3693	9.4	92124.0	-4207.6	3783	9.9	92713.2	-4226.8	3873	10.0	93229.4	-4218.6
3604	10.5	91551.1	-4226.7	3694	10.0	92128.5	-4246.1	3784	9.4	92715.2	-4212.9	3874	10.4	93238.9	-4227.9
3605	10.5	91553.6	-4202.8	3695	9.8	92129.0	-4231.8	3785	9.7	92715.2	-4203.2	3875	10.4	93239.4	-4221.2
3606	9.0	91558.1	-4231.7	3696	9.4	92130.5	-4233.5	3786	10.2	92718.2	-4214.3	3876	9.8	93249.9	-4229.8
3607	10.4	91602.1	-4207.9	3697	10.5	92143.0	-4248.2	3787	10.2	92721.7	-4214.6	3877	9.3	93254.4	-4221.5
3608	8.6	91603.6	-4233.1	3698	10.0	92145.5	-4224.7	3788	10.0	92729.2	-4220.9	3878	10.4	93259.9	-4246.4
3609	8.1	91606.6	-4217.7	3699	10.5	92147.5	-4201.4	3789	9.9	92730.2	-4257.8	3879	9.8	93304.9	-4239.9
3610	10.4	91608.2	-4257.5	3700	10.2	92151.0	-4250.6	3790	10.0	92733.2	-4207.7	3880	7.2	93309.4	-4237.5
3611	10.4	91608.6	-4226.4	3701	9.9	92153.0	-4219.1	3791	9.9	92735.2	-4217.9	3881	10.2	93313.0	-4227.9
3612	9.6	91610.1	-4259.6	3702	9.2	92153.5	-4235.2	3792	9.4	92736.2	-4221.9	3882	10.5	93315.4	-4242.4
3613	10.4	91610.1	-4247.4	3703	10.0	92154.0	-4205.8	3793	10.5	92744.7	-4251.0	3883	10.2	93316.8	-4257.1
3614	9.9	91611.1	-4246.8	3704	8.5	92155.5	-4231.6	3794	10.0	92748.2	-4221.5	3884	10.2	93321.9	-4207.4
3615	9.8	91614.6	-4203.0	3705	10.2	92157.5	-4228.5	3795	10.4	92753.2	-4254.5	3885	10.0	93324.0	-4236.2
3616	10.2	91622.6	-4214.2	3706	10.5	92159.0	-4221.0	3796	10.2	92754.4	-4259.8	3886	10.5	93333.4	-4254.0
3617	10.5	91626.1	-4208.0	3707	10.5	92212.5	-4256.4	3797	10.5	92758.7	-4225.0	3887	10.5	93338.7	-4259.5
3618	7.9	91633.1	-4217.5	3708	10.5	92215.5	-4201.4	3798	10.4	92802.2	-4212.8	3888	9.4	93339.4	-4215.6
3619	10.4	91636.1	-4204.1	3709	10.5	92221.6	-4250.9	3799	10.4	92805.2	-4210.0	3889	10.0	93340.4	-4233.1
3620	10.5	91639.1	-4208.0	3710	9.9	92230.1	-4209.0	3800	10.5	92805.2	-4213.6	3890	9.8	93341.4	-4237.4
3621	10.2	91644.6	-4230.2	3711	9.3	92239.1	-4241.8	3801	9.3	92806.2	-4240.7	3891	10.0	93343.9	-4247.5
3622	10.4	91658.1	-4228.2	3712	10.4	92240.6	-4249.1	3802	9.3	92807.7	-4213.9	3892	10.0	93345.6	-4200.5
3623	10.2	91659.6	-4259.0	3713	10.0	92250.1	-4238.8	3803	9.4	92810.2	-4235.7	3893	10.4	93349.4	-4252.6
3624	10.5	91704.6	-4203.1	3714	10.0	92252.6	-4238.7	3804	9.9	92814.2	-4209.1	3894	10.5	93349.9	-4219.8
3625	9.8	91704.6	-4221.4	3715	10.5	92258.1	-4255.1	3805	9.4	92814.2	-4245.9	3895	9.5	93353.0	-4224.3
3626	10.2	91706.1	-4203.3	3716	7.7	92258.3	-4202.2	3806	10.5	92818.2	-4247.7	3896	10.3	93353.1	-4225.5
3627	9.2	91707.1	-4242.8	3717	10.5	92259.1	-4227.6	3807	9.4	92821.2	-4223.7	3897	9.0	93354.0	-4227.7
3628	10.0	91707.1	-4257.6	3718	10.5	92259.1	-4229.3	3808	9.9	92828.2	-4227.0	3898	10.3	93354.1	-4251.2
3629	9.9	91712.6	-4248.9	3719	10.5	92305.1	-4236.9	3809	10.4	92829.2	-4248.0	3899	10.0	93357.6	-4217.5
3630	10.2	91715.1	-4206.6	3720	10.5	92308.7	-4257.7	3810	9.8	92830.2	-4224.2	3900	10.3	93402.1	-4218.3
3631	10.0	91723.4	-4219.0	3721	10.4	92310.1	-4251.5	3811	9.8	92830.7	-4236.0	3901	7.9	93408.6	-4218.0
3632	10.5	91732.9	-4224.6	3722	8.8	92318.1	-4233.9	3812	10.4	92831.2	-4251.1	3902	10.3	93409.6	-4232.5
3633	9.4	91734.4	-4255.0	3723	10.0	92320.1	-4237.1	3813	10.0	92833.2	-4205.0	3903	9.0	93410.6	-4223.7
3634	10.5	91734.9	-4257.0	3724	10.0	92320.1	-4216.1	3814	9.0	92841.6	-4202.4	3904	10.3	93413.1	-4259.9
3635	10.4	91737.4	-4228.2	3725	10.2	92327.1	-4224.4	3815	10.5	92843.2	-4235.2	3905	9.8	93414.1	-4213.4
3636	10.4	91738.4	-4245.9	3726	9.9	92328.8	-4258.8	3816	10.5	92846.7	-4213.4	3906	10.0	93415.6	-4204.8
3637	10.2	91739.9	-4221.2	3727	9.4	92333.1	-4245.9	3817	10.5	92848.2	-4218.7	3907	9.2	93427.6	-4252.3
3638	9.0	91742.9	-4237.0	3728	9.3	92334.1	-4220.9	3818	10.5	92849.2	-4229.2	3908	10.2	93428.1	-4257.2
3639	10.4	91743.9	-4215.0	3729	9.0	92334.5	-4232.1	3819	10.0	92851.7	-4203.3	3909	10.3	93433.6	-4218.1
3640	9.8	91753.4	-4234.6	3730	9.9	92339.6	-4211.1	3820	9.8	92858.2	-4255.6	3910	9.7	93437.1	-4253.2
3641	10.4	91800.9	-4236.4	3731	10.2	92352.1	-4226.6	3821	10.0	92900.2	-4209.7	3911	10.2	93438.6	-4208.9
3642	10.0	91809.9	-4208.0	3732	10.2	92402.1	-4240.1	3822	10.0	92902.7	-4216.4	3912	9.6	93439.6	-4214.2
3643	10.5	91810.4	-4221.0	3733	10.5	92403.1	-4229.7	3823	10.5	92910.2	-4228.8	3913	10.0	93441.6	-4246.2
3644	10.5	91812.9	-4246.8	3734	10.4	92406.1	-4223.7	3824	10.4	92919.4	-4241.8	3914	10.2	93444.6	-4250.4
3645	10.5	91813.9	-4248.3	3735	10.2	92407.6	-4211.4	3825	9.4	92919.4	-4204.1	3915	10.2	93447.1	-4216.1
3646	9.8	91815.9	-4205.2	3736	10.4	92409.1	-4204.5	3826	9.8	92922.9	-4246.4	3916	9.7	93448.1	-4206.7
3647	10.5	91818.9	-4214.3	3737	10.4	92409.1	-4206.2	3827	10.5	92924.9	-4217.4	3917	9.9	93454.1	-4241.6
3648	10.2	91820.4	-4227.3	3738	10.2	92409.1	-4217.5	3828	10.4	92925.4	-4248.2	3918	9.8	93458.1	-4240.0
3649	9.4	91822.9	-4231.7	3739	8.8	92409.6	-4215.7	3829	9.8	92930.9	-4202.0	3919	8.3	93501.1	-4256.7

-42 3920 9h35m

3920 10.3 93502.1 -4225.5	4010 9.2 93957.0 -4247.1	4100 8.7 94550.1 -4246.9	4190 10.2 95113.1 -4234.1
3921 9.6 93503.4 -4200.0	4011 10.3 93958.5 -4233.7	4101 8.3 94603.1 -4254.1	4191 10.2 95115.6 -4216.1
3922 10.3 93509.1 -4217.8	4012 10.0 93959.0 -4235.7	4102 10.2 94615.1 -4248.0	4192 10.3 95119.1 -4207.8
3923 10.3 93509.5 -4257.5	4013 9.9 94002.5 -4242.9	4103 9.4 94619.6 -4249.1	4193 10.2 95135.6 -4226.4
3924 9.7 93511.1 -4209.9	4014 8.6 94010.5 -4228.7	4104 10.3 94620.6 -4231.3	4194 10.3 95138.1 -4216.3
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3945 10.3 93600.6 -4208.7	4035 10.3 94138.0 -4227.1	4125 10.0 94734.6 -4221.2	4215 9.6 95245.6 -4230.0
3946 9.7 93604.1 -4221.1	4036 9.9 94140.1 -4230.7	4126 9.9 94735.7 -4202.1	4216 9.2 95250.6 -4231.2
3947 10.4 93606.4 -4259.7	4037 10.3 94141.6 -4232.8	4127 9.0 94736.6 -4204.3	4217 8.6 95253.1 -4214.6
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3963 9.6 93659.8 -4200.8	4053 9.6 94300.6 -4211.8	4143 10.0 94814.6 -4208.6	4233 9.8 95358.6 -4243.4
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3972 10.3 93741.4 -4203.9	4062 9.6 94340.6 -4234.3	4152 9.7 94903.6 -4250.5	4242 10.3 95423.6 -4204.5
3973 10.2 93743.4 -4244.3	4063 9.4 94341.1 -4234.5	4153 10.3 94908.1 -4216.9	4243 10.3 95429.6 -4241.2
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3995 10.3 93908.4 -4207.9	4085 10.2 94505.6 -4217.9	4175 10.3 95022.6 -4246.2	4265 8.6 95623.7 -4258.0
3996 10.3 93912.4 -4205.8	4086 9.8 94510.6 -4241.9	4176 10.3 95028.6 -4247.9	4266 10.0 95624.2 -4230.8
3997 10.3 93915.9 -4247.6	4087 9.8 94513.1 -4239.5	4177 9.8 95033.6 -4248.9	4267 10.3 95630.2 -4224.3
3998 9.8 93927.9 -4205.1	4088 9.8 94514.1 -4251.3	4178 10.3 95038.1 -4213.8	4268 9.7 95630.2 -4259.8
3999 9.4 93929.8 -4201.3	4089 9.8 94518.1 -4230.5	4179 10.2 95038.6 -4246.1	4269 9.6 95633.2 -4207.8
4000 9.4 93932.5 -4251.7	4090 9.8 94519.8 -4220.7	4180 8.6 95041.1 -4246.7	4270 10.0 95633.7 -4256.2
4001 9.2 93936.0 -4231.5	4091 10.2 94521.6 -4244.9	4181 9.0 95043.6 -4223.9	4271 8.6 95638.7 -4259.4
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4003 9.6 93941.0 -4202.9	4093 9.4 94528.6 -4227.3	4183 9.8 95048.1 -4231.3	4273 10.2 95642.7 -4253.7
4004 10.2 93941.5 -4240.5	4094 10.2 94528.6 -4229.9	4184 10.2 95053.6 -4246.8	4274 10.0 95648.7 -4248.4
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4006 9.4 93947.5 -4238.5	4096 10.2 94531.1 -4222.0	4186 9.6 95058.1 -4234.3	4276 10.2 95652.7 -4207.8
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4008 10.2 93950.0 -4212.9	4098 10.0 94542.6 -4256.4	4188 9.8 95111.1 -4226.7	4278 10.3 95659.7 -4212.3
4009 9.2 93952.5 -4240.6	4099 10.3 94548.6 -4215.2	4189 10.2 95112.1 -4223.3	4279 8.6 95714.7 -4232.0

-42 4279 9h57m

4280	9.9	95718.7	-4252.9	4370	9.8	100331.7	-4237.3	4460	9.5	100952.5	-4204.9
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4282	9.8	95720.2	-4240.3	4372	9.1	100332.0	-4235.3	4462	10.6	100958.5	-4225.5
4283	10.3	95720.7	-4225.4	4373	9.9	100332.0	-4212.9	4463	10.2	101003.5	-4239.7
4284	10.3	95722.2	-4236.6	4374	10.2	100333.0	-4202.3	4464	9.5	101006.9	-4204.9
4285	10.3	95723.2	-4259.0	4375	10.6	100350.5	-4254.0	4465	7.6	101017.5	-4229.3
4286	9.4	95731.7	-4220.0	4376	10.6	100352.5	-4215.4	4466	10.4	101032.6	-4229.0
4287	10.0	95734.7	-4247.5	4377	10.0	100402.0	-4210.1	4467	9.8	101035.0	-4255.8
4288	9.5	95738.7	-4220.4	4378	8.4	100411.0	-4221.6	4468	9.9	101035.5	-4209.9
4289	10.3	95742.7	-4221.7	4379	10.6	100412.0	-4225.6	4469	9.1	101055.5	-4255.9
4290	10.2	95743.7	-4245.7	4380	10.2	100412.0	-4248.9	4470	8.8	101055.6	-4215.6
4291	9.8	95748.7	-4237.4	4381	10.2	100412.0	-4230.3	4471	9.5	101056.8	-4205.5
4292	9.7	95748.7	-4207.8	4382	9.9	100416.0	-4205.8	4472	10.6	101057.5	-4222.5
4293	9.9	95758.7	-4224.6	4383	10.6	100430.0	-4238.1	4473	10.0	101107.5	-4212.9
4294	9.9	95801.2	-4215.1	4384	10.6	100434.0	-4256.2	4474	10.4	101108.8	-4219.7
4295	10.3	95809.2	-4236.6	4385	9.8	100436.5	-4245.3	4475	9.6	101109.5	-4206.8
4296	9.7	95810.7	-4209.8	4386	9.8	100443.0	-4221.2	4476	9.2	101114.5	-4242.2
4297	10.2	95813.8	-4203.6	4387	10.6	100446.5	-4232.7	4477	9.5	101116.5	-4215.3
4298	9.8	95813.8	-4218.4	4388	9.4	100447.0	-4249.9	4478	10.4	101119.5	-4227.2
4299	10.3	95817.8	-4229.9	4389	10.4	100451.0	-4217.2	4479	9.9	101119.5	-4230.9
4300	9.4	95822.8	-4240.0	4390	10.0	100453.5	-4239.7	4480	9.9	101124.5	-4253.9
4301	10.3	95833.3	-4201.9	4391	9.2	100454.5	-4207.4	4481	10.2	101129.5	-4248.9
4302	10.3	95833.8	-4229.8	4392	9.4	100504.7	-4239.0	4482	9.2	101129.5	-4221.4
4303	8.8	95839.8	-4237.1	4393	10.0	100507.7	-4239.6	4483	10.2	101129.5	-4205.5
4304	10.3	95853.3	-4236.8	4394	10.6	100509.5	-4254.6	4484	10.4	101131.5	-4204.1
4305	8.5	95855.3	-4211.3	4395	10.4	100510.0	-4252.6	4485	10.2	101133.6	-4233.1
4306	10.3	95856.8	-4256.6	4396	9.7	100510.2	-4257.2	4486	10.0	101135.0	-4226.9
4307	8.9	95901.3	-4204.2	4397	10.6	100510.5	-4225.4	4487	10.2	101139.5	-4235.3
4308	10.3	95905.3	-4230.6	4398	10.8	100515.5	-4259.4	4488	10.2	101141.5	-4226.9
4309	8.7	95913.8	-4205.0	4399	10.6	100522.5	-4244.8	4489	10.0	101148.0	-4203.2
4310	10.0	95922.4	-4249.0	4400	10.6	100526.0	-4211.7	4490	10.2	101149.5	-4203.5
4311	9.8	95924.8	-4224.1	4401	10.8	100528.0	-4257.8	4491	10.2	101154.5	-4226.7
4312	10.3	95929.8	-4217.8	4402	10.6	100530.0	-4254.2	4492	10.4	101209.5	-4232.4
4313	9.7	95929.9	-4238.2	4403	10.0	100530.9	-4200.9	4493	10.2	101213.5	-4203.8
4314	10.0	95930.4	-4215.8	4404	9.0	100540.0	-4259.3	4494	10.6	101221.5	-4228.2
4315	9.9	95932.9	-4213.0	4405	10.2	100540.9	-4220.2	4495	10.6	101229.5	-4241.1
4316	9.0	95936.4	-4227.8	4406	9.6	100544.0	-4225.9	4496	10.4	101230.0	-4222.2
4317	9.9	95937.2	-4209.9	4407	9.5	100547.5	-4202.6	4497	9.4	101234.1	-4253.6
4318	9.8	95937.8	-4256.1	4408	10.6	100557.0	-4256.1	4498	9.0	101238.5	-4205.9
4319	9.9	95941.2	-4242.3	4409	10.6	100605.5	-4241.7	4499	10.6	101238.5	-4241.6
4320	9.7	95941.4	-4243.0	4410	10.6	100611.9	-4208.0	4500	10.4	101247.0	-4217.3
4321	10.2	95944.8	-4220.5	4411	9.5	100625.9	-4241.7	4501	10.4	101247.5	-4203.2
4322	9.2	95947.9	-4243.7	4412	10.6	100627.0	-4251.3	4502	10.6	101250.5	-4256.2
4323	10.3	95955.4	-4259.1	4413	10.6	100632.0	-4209.1	4503	9.8	101300.5	-4225.2
4324	9.6	100005.7	-4207.1	4414	10.6	100637.7	-4202.3	4504	10.2	101306.0	-4202.9
4325	10.2	100009.5	-4206.4	4415	10.2	100641.0	-4219.0	4505	10.4	101316.6	-4226.7
4326	10.6	100011.6	-4211.9	4416	10.6	100649.6	-4227.5	4506	9.1	101316.6	-4207.1
4327	10.2	100021.9	-4254.9	4417	9.9	100649.9	-4220.9	4507	10.6	101317.5	-4226.5
4328	9.4	100022.9	-4251.6	4418	10.4	100649.9	-4203.6	4508	9.5	101318.0	-4206.4
4329	10.2	100028.8	-4211.0	4419	9.6	100651.0	-4227.6	4509	9.5	101326.5	-4220.1
4330	10.6	100028.8	-4205.1	4420	10.4	100651.9	-4251.1	4510	10.4	101328.0	-4236.5
4331	9.4	100035.2	-4246.2	4421	10.4	100659.6	-4256.0	4511	10.6	101329.5	-4231.1
4332	9.9	100038.0	-4216.8	4422	10.0	100702.0	-4232.2	4512	10.6	101336.0	-4211.6
4333	10.2	100041.5	-4210.3	4423	10.6	100703.0	-4228.2	4513	10.0	101341.5	-4219.1
4334	10.0	100044.0	-4226.6	4424	10.2	100709.9	-4233.2	4514	10.0	101342.6	-4229.5
4335	10.0	100048.0	-4219.9	4425	10.6	100713.8	-4258.4	4515	10.6	101344.5	-4248.3
4336	10.4	100050.5	-4219.1	4426	10.6	100715.9	-4255.7	4516	9.7	101348.0	-4212.9
4337	9.7	100113.5	-4231.7	4427	10.6	100731.7	-4258.2	4517	10.4	101350.5	-4246.6
4338	10.6	100127.0	-4200.8	4428	10.2	100736.0	-4210.3	4518	10.6	101359.5	-4217.5
4339	10.6	100135.5	-4211.8	4429	9.6	100736.5	-4242.2	4519	8.2	101415.5	-4243.1
4340	10.6	100136.5	-4240.6	4430	9.5	100746.5	-4245.0	4520	10.4	101427.5	-4213.7
4341	10.6	100151.0	-4220.9	4431	9.8	100747.5	-4228.8	4521	9.2	101431.0	-4209.7
4342	10.4	100200.0	-4230.6	4432	9.4	100755.9	-4248.9	4522	10.6	101433.8	-4252.1
4343	8.9	100203.0	-4234.1	4433	10.6	100800.0	-4200.1	4523	10.6	101438.0	-4203.2
4344	10.6	100203.7	-4200.3	4434	10.4	100800.8	-4228.1	4524	10.0	101448.5	-4249.6
4345	10.6	100207.0	-4221.9	4435	9.2	100804.6	-4252.2	4525	10.6	101453.5	-4229.7
4346	10.6	100218.0	-4214.1	4436	10.2	100815.5	-4211.6	4526	9.7	101458.0	-4251.0
4347	8.0	100218.5	-4230.7	4437	9.1	100819.8	-4222.1	4527	10.4	101458.5	-4204.2
4348	8.4	100218.5	-4220.9	4438	9.6	100819.8	-4209.1	4528	10.2	101459.5	-4220.8
4349	10.4	100230.0	-4256.7	4439	10.2	100823.6	-4240.6	4529	9.6	101505.5	-4218.8
4350	10.4	100232.0	-4239.0	4440	10.6	100823.6	-4238.1	4530	10.4	101506.5	-4221.9
4351	10.2	100236.0	-4204.0	4441	9.2	100827.6	-4212.3	4531	8.0	101509.5	-4236.7
4352	10.4	100237.0	-4210.8	4442	10.0	100829.5	-4200.5	4532	10.2	101521.5	-4256.2
4353	10.6	100239.0	-4256.9	4443	8.8	100829.5	-4225.7	4533	10.2	101526.5	-4236.9
4354	10.0	100239.5	-4224.1	4444	10.4	100831.5	-4249.3	4534	7.4	101530.5	-4214.6
4355	10.0	100241.0	-4248.9	4445	10.2	100835.5	-4244.4	4535	10.0	101533.5	-4253.5
4356	10.2	100249.5	-4219.4	4446	9.1	100835.6	-4234.2	4536	10.0	101547.5	-4221.1
4357	8.4	100252.5	-4217.3	4447	10.6	100838.5	-4207.6	4537	9.2	101549.5	-4237.3
4358	9.8	100256.0	-4231.1	4448	10.6	100839.5	-4250.2	4538	10.6	101557.8	-4243.3
4359	10.2	100258.0	-4246.8	4449	10.6	100842.0	-4251.1	4539	9.4	101600.5	-4241.2
4360	9.5	100259.5	-4251.8	4450	9.4	100849.0	-4238.9	4540	10.6	101608.0	-4243.1
4361	10.2	100302.0	-4216.1	4451	10.0	100849.5	-4210.3	4541	10.4	101608.5	-4215.2
4362	10.2	100303.0	-4230.7	4452	10.6	100849.5	-4252.0	4542	10.6	101608.8	-4242.2
4363	10.2	100308.0	-4212.4	4453	10.2	100853.9	-4228.2	4543	10.2	101617.5	-4227.2
4364	10.6	100309.5	-4222.6	4454	7.7	100907.0	-4211.3	4544	10.0	101619.5	-4240.5
4365	10.6	100318.0	-4217.3	4455	10.4	100910.8	-4251.8	4545	9.9	101620.0	-4224.0
4366	10.0	100319.0	-4206.0	4456	8.8	100929.5	-4204.0	4546	10.4	101631.0	-4224.0
4367	9.6	100322.0	-4220.4	4457	10.6	100935.8	-4221.2	4547	9.4	101632.0	-4207.2
4368	10.6	100324.3	-4231.1	4458	10.6	100949.5	-4248.6	4548	10.2	101642.5	-4222.2
4369	10.6	100329.0	-4239.9	4459	10.6	100950.0	-4243.8	4549	9.9	101646.0	-4224.5
4550	10.6	101649.5	-4235.0								
4551	10.2	101652.5	-4242.3								
4552	10.2	101653.5	-4242.2								
4553	10.4	101654.0	-4252.0								
4554	9.5	101655.5	-4224.1								
4555	10.6	101659.0	-4228.8								
4556	8.8	101659.5	-4235.0								
4557	10.4	101703.5	-4243.1								
4558	10.4	101708.5	-4258.9								
4559	10.6	101709.5	-4203.5								
4560	10.4	101710.0	-4214.1								
4561	9.0	101712.5	-4255.1								
4562	10.0	101717.5	-4230.6								
4563	9.9	101717.5	-4208.9								
4564	10.6	101721.5	-4208.0								
4565	10.4	101725.5	-4242.5								
4566	10.4	101725.5	-4248.1								
4567	10.4	101727.5	-4254.6								
4568	10.6	101727.5	-4205.5								
4569	10.6	101739.0	-4221.8								
4570	10.6	101741.5	-4216.7								
4571	10.6	101742.0	-4211.7								
4572	10.6	101742.0	-4236.1								
4573	9.2	101747.5	-4228.2								
4574	8.4	101751.5	-4232.4								
4575	10.6	101756.5	-4228.0								
4576	10.6	101800.0	-4203.0								
4577	10.6	101800.5	-4203.3								
4578	9.9	101806.5	-4226.1								
4579	8.6	101812.0	-4238.4								
4580	9.6	101818.0	-4202.8								
4581	9.8	101825.5	-4210.8								
4582	10.6	101839.5	-4247.6								
4583	10.6	101841.0	-4257.6								
4584	10.6	101842.5	-4253.6								
4585	10.6	101844.5	-4234.2								
4586	8.0	101852.5	-4206.7								
4587	10.6	101859.5	-4231.1								
4588	9.4	101903.5	-4252.0								
4589	10.4	101906.8	-4226.5								
4590	10.6	101909.5	-4252.2								
4591	10.6	101909.8	-4201.9								
4592	10.2	101929.5	-4245.3								
4593	9.9	101935.0	-4255.0								
4594	10.6	101935.5	-4219.6								
4595	10.6	101937.6	-4201.9								
4596	9.2	101940.0	-4248 9								
4597	10.0	101942.0	-4219 1								
4598	9.4	101943.5	-4249 6								
4599	10.2	101946.5	-4226 1								
4600	9.0	101957.0	-4209 2								
4601	10.4	101957.5	-4201.2								
4602	10.4	102004.5	-4251.3								
4603	10.0	102009.5	-4225.9								
4604	10.6	102010.5	-4203.9								
4605	10.6	102020.5	-4241.9								
4606	10.4	102021.9	-4204.5								
4607	10.6	102030.9	-4245.1								
4608	10.4	102035.9	-4218.0								
4609	9.6	102039.4	-4241.8								
4610	10.4	102042.7	-4222.7								
4611	7.7	102049.4	-4206.1								
4612	10.6	102049.4	-4234.8								
4613	8.8	102051.4	-4214.7								
4614	10.0	102059.7	-4221.0								
4615	8.7	102104.9	-4246.1								
4616	9.8	102107.5	-4216.5								
4617	10.2	102108.4	-4200.6								
4618	9.9	102115.5	-4227.0								
4619	10.4	102120.4	-4220.1								
4620	10.0	102126.9	-4231.2								
4621	10.2	102131.4	-4203.3								
4622	10.2	102134.4	-4216.0								
4623	9.5	102143.5	-4225.0								
4624	10.0	102159.7	-4225.0								
4625	10.0	102202.9	-4237.1								
4626	10.4	102202.9	-4250.6								
4627	10.6	102204.4	-4200.5								
4628	10.0	102211.4	-4212.6								
4629	10.0	102234.4	-4202.6								
4630	10.6	102238.5	-4249.7								
4631	10.4	102239.4	-4249.5								
4632	10.0	102241.9	-4203.7								
4633	9.7	102248.5	-4221.9								
4634	10.2	102248.7	-4255.1								
4635	10.6	102249.4	-4246.0								
4636	10.0	102249.7	-4257.6								
4637	10.6	102254.4	-4208.5								
4638	10.4	102258.4	-4256.1								
4639	10.0	102320.9	-4225.1								

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4640	10.0	102321.4	-4244.6	4730	10.3	103054.7	-4213.3	4820	10.0	103751.0	-4234.0
4641	10.6	102325.5	-4220.5	4731	10.0	103100.2	-4236.6	4821	9.3	103751.0	-4244.5
4642	10.6	102335.2	-4219.3	4732	9.8	103101.7	-4247.4	4822	9.8	103751.9	-4228.4
4643	10.6	102337.5	-4248.0	4733	10.3	103102.8	-4208.2	4823	10.3	103802.0	-4253.0
4644	10.4	102339.4	-4211.5	4734	10.3	103120.8	-4217.3	4824	9.8	103802.0	-4245.1
4645	10.4	102340.4	-4221.1	4735	9.8	103126.3	-4219.7	4825	9.9	103804.5	-4212.4
4646	10.6	102343.4	-4206.1	4736	10.1	103128.8	-4220.4	4826	9.8	103806.5	-4212.6
4647	9.4	102345.9	-4240.5	4737	10.0	103129.8	-4206.4	4827	10.3	103810.0	-4235.6
4648	10.4	102346.3	-4203.5	4738	10.3	103135.8	-4253.3	4828	10.3	103823.0	-4236.0
4649	10.6	102355.1	-4252.7	4739	10.1	103137.8	-4250.5	4829	9.4	103828.5	-4248.0
4650	10.6	102355.4	-4235.3	4740	10.3	103137.8	-4247.9	4830	9.9	103829.0	-4241.2
4651	10.6	102357.4	-4240.5	4741	9.3	103138.8	-4207.6	4831	9.9	103829.0	-4226.3
4652	10.6	102412.4	-4224.0	4742	8.9	103140.8	-4202.3	4832	10.3	103836.0	-4235.7
4653	10.6	102413.6	-4244.9	4743	9.6	103141.8	-4216.1	4833	9.9	103841.5	-4210.0
4654	7.8	102415.4	-4224.7	4744	10.3	103142.8	-4225.1	4834	10.0	103848.0	-4244.9
4655	9.0	102420.3	-4229.7	4745	9.8	103143.8	-4254.2	4835	10.0	103849.5	-4245.3
4656	10.6	102422.4	-4246.2	4746	9.7	103145.4	-4259.7	4836	9.8	103851.5	-4254.7
4657	10.4	102428.9	-4206.3	4747	10.3	103145.8	-4209.9	4837	10.0	103903.0	-4255.9
4658	10.6	102430.4	-4228.9	4748	10.1	103146.8	-4206.0	4838	10.2	103913.0	-4206.9
4659	10.0	102433.3	-4217.2	4749	7.7	103157.8	-4252.5	4839	10.3	103923.0	-4254.5
4660	10.6	102437.4	-4245.3	4750	9.9	103203.8	-4219.9	4840	9.9	103928.5	-4210.7
4661	9.7	102439.4	-4235.6	4751	9.9	103212.8	-4200.7	4841	9.9	103931.0	-4241.2
4662	7.4	102439.9	-4229.4	4752	10.0	103222.8	-4247.1	4842	9.2	103935.5	-4206.4
4663	10.6	102440.9	-4245.6	4753	8.9	103224.3	-4211.6	4843	9.8	103938.6	-4242.5
4664	10.4	102440.9	-4204.7	4754	9.8	103227.3	-4221.7	4844	9.1	103940.1	-4210.9
4665	9.9	102441.3	-4253.7	4755	10.3	103248.3	-4242.0	4845	9.6	103944.6	-4240.5
4666	10.6	102443.1	-4207.9	4756	10.2	103253.8	-4248.8	4846	9.9	103946.1	-4207.7
4667	9.4	102444.4	-4202.5	4757	10.0	103254.8	-4254.2	4847	9.9	103955.1	-4246.3
4668	10.0	102449.4	-4206.4	4758	9.2	103259.8	-4212.9	4848	10.3	103956.8	-4204.3
4669	10.0	102449.9	-4221.3	4759	10.3	103311.8	-4221.4	4849	10.3	103959.1	-4249.1
4670	10.0	102502.3	-4237.0	4760	8.3	103318.8	-4244.7	4850	10.2	104000.6	-4225.5
4671	9.9	102508.3	-4205.8	4761	7.8	103320.3	-4206.1	4851	9.1	104003.2	-4258.5
4672	9.9	102508.4	-4208.0	4762	8.9	103320.8	-4203.9	4852	9.8	104010.1	-4235.3
4673	10.6	102509.4	-4236.5	4763	10.1	103326.8	-4226.6	4853	9.8	104021.1	-4251.5
4674	10.6	102517.4	-4232.0	4764	10.2	103332.5	-4208.4	4854	10.3	104029.6	-4242.9
4675	10.4	102519.4	-4226.5	4765	9.6	103334.8	-4239.8	4855	10.3	104033.1	-4203.4
4676	10.6	102535.9	-4233.3	4766	10.3	103338.3	-4219.5	4856	9.8	104038.1	-4229.9
4677	9.4	102538.1	-4258.1	4767	9.4	103338.8	-4204.8	4857	10.2	104041.9	-4259.6
4678	10.4	102538.3	-4210.9	4768	9.4	103350.5	-4240.9	4858	10.0	104047.6	-4256.1
4679	8.2	102539.4	-4204.3	4769	10.0	103351.9	-4211.8	4859	9.8	104049.1	-4248.9
4680	10.6	102550.9	-4213.7	4770	10.3	103357.4	-4232.1	4860	7.5	104103.6	-4231.9
4681	10.6	102551.3	-4227.9	4771	10.2	103358.9	-4200.2	4861	10.3	104110.1	-4202.0
4682	10.6	102552.1	-4226.4	4772	10.1	103358.9	-4215.0	4862	10.2	104117.6	-4234.5
4683	10.6	102603.7	-4255.3	4773	10.3	103405.9	-4203.5	4863	10.3	104117.6	-4208.9
4684	10.0	102605.2	-4230.6	4774	8.7	103411.9	-4254.0	4864	10.3	104135.1	-4259.6
4685	10.2	102609.4	-4210.8	4775	10.3	103420.4	-4224.5	4865	9.8	104144.1	-4254.1
4686	10.6	102621.9	-4243.3	4776	10.3	103420.9	-4203.8	4866	10.3	104148.6	-4228.9
4687	10.2	102631.0	-4252.5	4777	10.0	103428.4	-4221.7	4867	10.3	104149.6	-4234.8
4688	10.0	102643.5	-4230.2	4778	9.9	103429.9	-4249.1	4868	10.3	104152.1	-4202.4
4689	9.9	102645.4	-4257.0	4779	8.6	103438.9	-4225.8	4869	10.3	104156.6	-4229.6
4690	10.6	102651.4	-4204.0	4780	9.3	103441.9	-4218.5	4870	8.4	104157.6	-4208.5
4691	10.6	102654.1	-4201.7	4781	9.9	103443.6	-4203.4	4871	10.3	104200.6	-4257.9
4692	10.4	102656.5	-4219.8	4782	9.8	103448.4	-4247.5	4872	10.3	104209.6	-4251.2
4693	10.3	102707.2	-4226.7	4783	9.8	103448.9	-4229.0	4873	10.3	104212.6	-4209.3
4694	9.8	102710.0	-4228.3	4784	10.3	103505.4	-4200.0	4874	9.4	104214.1	-4208.3
4695	10.3	102710.6	-4254.2	4785	10.3	103511.2	-4259.2	4875	9.2	104214.1	-4248.5
4696	8.3	102723.0	-4259.1	4786	10.0	103511.9	-4246.6	4876	10.3	104226.6	-4225.7
4697	9.9	102728.6	-4231.9	4787	10.3	103517.9	-4242.6	4877	9.8	104227.6	-4226.3
4698	10.3	102732.1	-4224.3	4788	10.3	103525.9	-4256.3	4878	10.2	104229.1	-4251.2
4699	10.0	102735.1	-4254.1	4789	10.3	103538.9	-4206.9	4879	10.2	104246.6	-4257.6
4700	10.1	102740.1	-4218.3	4790	9.8	103539.9	-4205.0	4880	10.3	104250.6	-4201.5
4701	10.3	102743.2	-4235.0	4791	9.8	103541.8	-4215.6	4881	10.1	104259.6	-4251.7
4702	9.4	102751.1	-4240.0	4792	10.2	103546.5	-4258.2	4882	9.7	104300.7	-4228.4
4703	10.3	102754.1	-4241.8	4793	8.6	103547.9	-4238.2	4883	9.8	104307.7	-4233.8
4704	9.6	102758.6	-4247.3	4794	9.8	103549.9	-4252.0	4884	8.6	104310.2	-4245.7
4705	10.2	102810.3	-4200.3	4795	10.2	103553.4	-4228.2	4885	9.7	104312.7	-4246.3
4706	10.3	102812.7	-4258.9	4796	9.9	103554.9	-4238.3	4886	9.9	104329.2	-4231.0
4707	9.9	102817.2	-4218.8	4797	10.3	103603.8	-4222.9	4887	9.0	104329.2	-4208.5
4708	10.3	102819.2	-4201.7	4798	10.0	103613.9	-4200.9	4888	10.0	104344.3	-4204.0
4709	10.3	102820.2	-4206.6	4799	9.4	103614.8	-4224.9	4889	10.2	104400.7	-4252.4
4710	10.3	102829.7	-4237.8	4800	9.8	103617.4	-4214.1	4890	10.3	104409.6	-4244.9
4711	10.1	102833.5	-4228.8	4801	10.2	103617.4	-4202.1	4891	10.2	104413.5	-4201.9
4712	10.3	102840.7	-4204.8	4802	10.1	103619.9	-4222.6	4892	10.3	104417.3	-4252.6
4713	9.8	102851.2	-4231.9	4803	10.0	103620.4	-4248.5	4893	10.0	104417.7	-4226.7
4714	9.8	102859.2	-4234.4	4804	9.6	103624.4	-4203.9	4894	10.3	104421.7	-4203.4
4715	9.9	102916.7	-4257.4	4805	9.9	103628.9	-4215.4	4895	9.4	104440.6	-4210.6
4716	10.2	102918.7	-4236.0	4806	8.8	103635.5	-4213.5	4896	10.3	104451.3	-4250.7
4717	10.0	102919.7	-4203.8	4807	10.3	103649.8	-4226.1	4897	10.3	104502.7	-4238.9
4718	9.2	102935.7	-4240.4	4808	9.8	103650.0	-4219.2	4898	9.8	104508.7	-4217.5
4719	8.3	102951.2	-4224.5	4809	9.9	103650.6	-4203.0	4899	9.9	104510.6	-4224.8
4720	9.6	102955.7	-4233.7	4810	9.8	103656.0	-4251.2	4900	10.0	104524.7	-4240.0
4721	10.2	103008.7	-4207.4	4811	9.8	103658.5	-4247.8	4901	10.3	104526.3	-4222.3
4722	10.3	103011.8	-4245.3	4812	9.8	103700.0	-4211.9	4902	10.3	104527.2	-4240.1
4723	10.3	103019.7	-4252.4	4813	9.4	103706.8	-4200.1	4903	10.2	104529.6	-4206.8
4724	9.7	103030.7	-4214.2	4814	9.8	103708.5	-4255.4	4904	9.8	104531.6	-4246.3
4725	9.8	103032.2	-4249.7	4815	10.3	103718.9	-4219.0	4905	10.2	104535.7	-4216.2
4726	9.3	103035.2	-4235.6	4816	9.2	103719.9	-4218.2	4906	10.0	104535.7	-4216.5
4727	9.4	103036.2	-4238.4	4817	9.9	103730.9	-4229.9	4907	10.3	104536.4	-4259.3
4728	10.1	103047.7	-4201.3	4818	10.1	103734.0	-4254.4	4908	10.3	104539.2	-4251.1
4729	10.3	103048.7	-4253.3	4819	10.2	103748.5	-4223.8	4909	10.2	104544.6	-4213.6

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4910	10.2	104548.2	-4241.6	4920	9.0	104658.4	-4238.0	4930	9.7	104731.9	-4253.9
4911	10.3	104548.6	-4216.0	4921	8.9	104659.9	-4255.3	4931	10.3	104736.4	-4225.9
4912	9.8	104557.2	-4223.4	4922	8.8	104703.4	-4247.1	4932	9.3	104741.4	-4235.7
4913	10.1	104606.6	-4249.8	4923	10.1	104704.6	-4202.2	4933	9.0	104741.7	-4236.0
4914	9.4	104612.7	-4245.4	4924	10.1	104704.9	-4250.9	4934	10.1	104744.4	-4232.5
4915	10.1	104618.6	-4249.9	4925	10.3	104705.3	-4259.6	4935	10.3	104746.5	-4257.6
4916	9.7	104618.7	-4237.4	4926	10.1	104710.4	-4217.7	4936	10.1	104752.4	-4247.8
4917	8.7	104633.7	-4254.4	4927	8.9	104726.5	-4252.8	4937	9.9	104802.9	-4219.3
4918	10.3	104639.7	-4202.2	4928	10.3	104728.5	-4225.0	4938	10.0	104807.9	-4222.9
4919	10.2	104645.4	-4259.7	4929	10.3	104730.4	-4237.9	4939	10.3	104809.4	-4209.7
4940	8.3	104810.4	-4227.0	4950	9.9	104906.4	-4213.4	4960	10.0	104952.4	-4228.6
4941	9.8	104817.4	-4235.3	4951	10.3	104917.4	-4254.4	4961	10.2	104954.4	-4217.9
4942	10.3	104817.9	-4235.9	4952	9.9	104920.9	-4219.3	4962	10.3	104955.5	-4204.7
4943	10.0	104821.4	-4240.5	4953	9.8	104928.4	-4234.8	4963	9.9	104958.5	-4222.2
4944	10.3	104825.4	-4251.0	4954	9.9	104929.9	-4251.5	4964	9.2	104959.1	-4259.5
4945	9.6	104827.4	-4236.1	4955	10.1	104937.4	-4221.8	4965	9.9	105005.9	-4233.0
4946	9.6	104834.9	-4243.0	4956	10.0	104942.5	-4201.1	4966	10.1	105009.9	-4255.4
4947	9.0	104841.7	-4200.0	4957	10.3	104945.4	-4204.7	4967	10.0	105010.9	-4206.6
4948	9.9	104852.5	-4215.9	4958	9.6	104945.4	-4217.5	4968	9.4	105021.7	-4257.0
4949	9.8	104858.9	-4250.7	4959	7.5	104948.9	-4221.2	4969	9.3	105023.4	-4203.0
4970	9.2	105029.4	-4242.6	4980	9.7	105235.4	-4247.6	4990	9.4	105339.7	-4227.7
4971	9.8	105038.9	-4250.0	4981	9.4	105248.7	-4216.5	4991	8.6	105341.4	-4227.6
4972	10.0	105057.4	-4241.6	4982	10.3	105300.7	-4200.4	4992	8.1	105352.4	-4250.0
4973	10.3	105118.4	-4214.0	4983	10.3	105316.4	-4204.4	4993	10.5	105352.9	-4238.6
4974	10.2	105128.5	-4211.0	4984	10.1	105318.4	-4233.7	4994	10.0	105357.4	-4253.3
4975	10.3	105149.4	-4230.0	4985	10.0	105319.2	-4258.8	4995	9.8	105402.9	-4233.7
4976	10.1	105210.4	-4259.3	4986	9.2	105320.5	-4205.7	4996	10.4	105402.9	-4214.4
4977	10.1	105212.5	-4205.2	4987	10.3	105321.0	-4207.8	4997	10.2	105414.4	-4235.4
4978	10.3	105218.9	-4217.9	4988	10.3	105324.3	-4205.5	4998	9.8	105419.3	-4254.5
4979	10.0	105224.9	-4236.2	4989	10.3	105333.5	-4223.7	4999	9.8	105429.3	-4255.6

5000	8.0	105430.3	-4243.0	5090	10.3	110228.6	-4254.6	5180	10.5	110948.4	-4239.5
5001	9.8	105432.1	-4205.0	5091	10.0	110229.1	-4239.9	5181	9.9	110955.9	-4200.8
5002	10.5	105432.4	-4202.6	5092	10.5	110243.1	-4216.1	5182	9.9	110959.5	-4208.9
5003	8.0	105433.4	-4234.7	5093	9.5	110247.1	-4206.6	5183	9.2	111008.0	-4240.1
5004	9.8	105438.4	-4226.0	5094	9.0	110252.6	-4202.8	5184	10.6	111019.5	-4219.3
5005	10.2	105455.9	-4223.8	5095	10.2	110301.1	-4229.3	5185	10.6	111025.0	-4252.6
5006	9.8	105506.9	-4214.5	5096	10.6	110309.1	-4218.1	5186	10.6	111029.5	-4254.8
5007	9.6	105511.3	-4248.6	5097	9.3	110328.1	-4254.5	5187	9.1	111041.5	-4244.2
5008	10.6	105516.4	-4203.8	5098	10.4	110332.2	-4203.9	5188	10.2	111043.2	-4258.2
5009	10.5	105519.3	-4237.8	5099	10.4	110340.1	-4225.0	5189	9.8	111045.0	-4220.4
5010	10.6	105520.9	-4207.6	5100	8.2	110340.2	-4217.9	5190	10.0	111049.5	-4223.3
5011	10.6	105527.9	-4225.3	5101	10.5	110341.1	-4205.5	5191	10.4	111058.0	-4211.4
5012	10.2	105530.4	-4201.6	5102	10.2	110341.3	-4259.4	5192	9.8	111106.0	-4233.0
5013	10.0	105547.6	-4259.9	5103	10.4	110342.1	-4242.7	5193	9.4	111110.5	-4202.9
5014	9.9	105607.3	-4201.8	5104	10.5	110343.1	-4252.1	5194	10.6	111123.2	-4258.8
5015	10.2	105607.4	-4211.0	5105	10.6	110344.6	-4229.6	5195	9.8	111125.1	-4202.3
5016	10.6	105617.9	-4230.0	5106	10.2	110348.6	-4256.3	5196	10.6	111130.9	-4214.9
5017	8.6	105623.9	-4222.5	5107	10.5	110348.6	-4238.0	5197	10.6	111131.0	-4223.9
5018	10.0	105624.9	-4243.0	5108	10.4	110349.6	-4248.8	5198	9.9	111136.5	-4228.1
5019	10.4	105629.3	-4217.5	5109	7.9	110356.2	-4239.3	5199	10.5	111138.2	-4257.7
5020	8.7	105632.4	-4207.9	5110	10.2	110402.6	-4243.6	5200	9.6	111139.5	-4243.1
5021	10.6	105642.9	-4219.8	5111	9.9	110405.2	-4253.4	5201	10.0	111140.0	-4225.3
5022	10.2	105646.4	-4235.5	5112	10.5	110405.4	-4224.1	5202	9.8	111144.9	-4214.5
5023	10.0	105649.8	-4229.8	5113	10.5	110414.6	-4245.9	5203	10.5	111149.4	-4217.6
5024	9.9	105658.9	-4244.3	5114	10.2	110419.1	-4219.0	5204	10.0	111149.5	-4206.8
5025	10.0	105707.9	-4255.1	5115	10.5	110419.4	-4205.3	5205	10.2	111153.0	-4255.8
5026	10.6	105708.9	-4200.9	5116	10.6	110429.4	-4217.8	5206	10.5	111153.0	-4205.9
5027	10.6	105708.9	-4229.4	5117	10.5	110429.4	-4213.5	5207	10.0	111153.5	-4249.9
5028	10.3	105709.3	-4235.7	5118	10.2	110431.4	-4226.5	5208	10.0	111155.0	-4209.7
5029	8.4	105709.9	-4209.0	5119	10.2	110435.2	-4207.3	5209	10.0	111206.0	-4245.0
5030	8.6	105718.9	-4251.6	5120	10.4	110439.4	-4256.1	5210	10.0	111219.0	-4217.7
5031	9.8	105739.8	-4214.4	5121	10.2	110449.1	-4214.2	5211	10.6	111220.0	-4223.1
5032	8.6	105745.3	-4220.9	5122	10.0	110451.2	-4242.3	5212	9.8	111220.5	-4227.6
5033	10.5	105746.8	-4257.7	5123	10.6	110451.2	-4235.5	5213	10.0	111229.0	-4217.2
5034	10.6	105748.9	-4231.5	5124	10.0	110451.2	-4204.9	5214	9.8	111229.5	-4239.3
5035	9.9	105756.1	-4215.8	5125	10.6	110458.1	-4228.9	5215	10.2	111231.0	-4200.4
5036	10.5	105757.4	-4243.7	5126	10.2	110504.2	-4239.7	5216	10.0	111233.5	-4258.6
5037	9.9	105758.9	-4205.8	5127	10.6	110505.1	-4203.7	5217	10.5	111235.0	-4227.3
5038	10.5	105805.4	-4234.6	5128	9.5	110527.1	-4223.2	5218	10.0	111235.5	-4228.9
5039	10.0	105806.4	-4218.8	5129	10.3	110527.6	-4254.9	5219	10.2	111239.5	-4220.4
5040	10.6	105809.4	-4237.8	5130	10.0	110528.2	-4245.9	5220	10.0	111244.5	-4221.1
5041	9.8	105813.0	-4252.7	5131	10.2	110529.1	-4216.7	5221	9.3	111248.2	-4206.0
5042	9.9	105816.2	-4214.7	5132	9.3	110529.1	-4244.1	5222	9.6	111251.0	-4218.8
5043	10.2	105819.4	-4207.7	5133	7.9	110539.1	-4246.7	5223	10.6	111251.0	-4241.0
5044	9.8	105827.4	-4234.7	5134	10.3	110539.1	-4234.9	5224	10.6	111255.5	-4235.4
5045	7.8	105839.0	-4200.2	5135	9.8	110540.7	-4240.7	5225	9.3	111301.0	-4236.6
5046	9.3	105843.0	-4225.0	5136	10.6	110548.0	-4242.1	5226	10.4	111301.7	-4244.5
5047	10.4	105849.5	-4234.0	5137	10.5	110550.7	-4237.0	5227	10.0	111303.4	-4243.0
5048	10.4	105907.5	-4225.8	5138	10.2	110555.0	-4226.7	5228	10.5	111310.9	-4248.6
5049	10.0	105919.4	-4256.3	5139	10.6	110555.1	-4214.2	5229	10.3	111320.0	-4221.9
5050	10.6	105920.6	-4232.0	5140	10.3	110558.0	-4245.2	5230	10.6	111343.0	-4229.6
5051	10.0	105921.5	-4234.1	5141	10.3	110601.1	-4245.2	5231	8.5	111346.0	-4228.1
5052	10.4	105926.0	-4227.2	5142	10.3	110610.1	-4230.6	5232	10.5	111404.5	-4245.9
5053	8.0	105933.0	-4252.1	5143	8.7	110611.6	-4259.9	5233	10.6	111411.5	-4259.8
5054	10.4	105942.0	-4211.4	5144	10.5	110611.7	-4252.7	5234	9.8	111417.7	-4212.3
5055	9.9	105944.4	-4241.8	5145	10.6	110622.1	-4212.9	5235	10.2	111431.5	-4257.8
5056	9.5	105953.0	-4234.2	5146	10.6	110622.8	-4253.1	5236	10.3	111433.0	-4259.1
5057	7.8	105955.0	-4226.5	5147	9.6	110627.1	-4229.1	5237	10.2	111439.5	-4250.4
5058	10.2	105957.2	-4257.8	5148	10.5	110629.7	-4211.7	5238	10.0	111445.5	-4233.6
5059	10.3	105959.4	-4224.4	5149	10.3	110641.8	-4258.1	5239	10.5	111453.9	-4253.9
5060	8.9	110004.4	-4222.9	5150	10.2	110646.0	-4237.0	5240	10.0	111454.5	-4248.8
5061	10.2	110009.0	-4207.9	5151	10.3	110650.0	-4207.3	5241	10.3	111459.5	-4252.1
5062	9.8	110018.0	-4218.0	5152	9.5	110657.1	-4200.6	5242	10.0	111509.5	-4217.5
5063	9.3	110028.0	-4246.9	5153	9.3	110657.6	-4203.9	5243	8.6	111510.0	-4212.6
5064	10.6	110032.5	-4245.0	5154	9.5	110659.9	-4211.6	5244	9.9	111514.9	-4204.9
5065	9.8	110041.4	-4202.8	5155	10.4	110705.9	-4227.6	5245	9.6	111531.5	-4222.7
5066	10.2	110042.4	-4231.8	5156	10.3	110709.4	-4232.0	5246	7.6	111541.9	-4252.3
5067	10.1	110046.0	-4252.0	5157	9.8	110721.5	-4246.5	5247	9.8	111550.5	-4238.7
5068	10.6	110049.0	-4222.8	5158	10.5	110728.4	-4245.9	5248	10.4	111603.2	-4236.0
5069	10.6	110055.1	-4254.1	5159	9.3	110729.4	-4245.8	5249	9.8	111606.5	-4230.9
5070	9.3	110059.0	-4256.4	5160	10.5	110758.9	-4227.3	5250	10.6	111613.0	-4217.8
5071	10.6	110059.5	-4215.7	5161	9.8	110803.9	-4242.3	5251	10.6	111623.0	-4235.5
5072	10.6	110107.0	-4204.5	5162	8.6	110808.9	-4218.4	5252	10.6	111624.5	-4222.2
5073	9.9	110108.0	-4256.3	5163	9.9	110818.4	-4207.4	5253	9.2	111625.0	-4238.5
5074	10.6	110109.4	-4214.3	5164	9.9	110826.9	-4223.9	5254	8.6	111631.9	-4216.4
5075	10.0	110119.4	-4236.8	5165	10.2	110827.4	-4239.0	5255	10.0	111635.0	-4255.6
5076	10.2	110124.4	-4243.8	5166	10.5	110827.9	-4253.5	5256	9.8	111635.8	-4257.8
5077	10.3	110124.4	-4217.8	5167	10.6	110834.4	-4209.3	5257	9.4	111641.9	-4253.5
5078	9.2	110134.1	-4219.0	5168	10.6	110837.4	-4210.3	5258	10.2	111646.8	-4200.3
5079	10.3	110135.2	-4254.3	5169	9.5	110839.0	-4258.0	5259	9.4	111647.0	-4243.4
5080	10.6	110139.1	-4212.3	5170	7.9	110840.4	-4210.3	5260	8.5	111647.9	-4215.7
5081	10.2	110141.1	-4214.6	5171	10.6	110841.9	-4214.0	5261	9.9	111652.9	-4210.1
5082	8.9	110145.1	-4248.7	5172	10.4	110907.4	-4211.7	5262	10.5	111705.0	-4219.3
5083	9.8	110151.1	-4209.1	5173	9.9	110908.4	-4208.4	5263	10.5	111706.9	-4216.0
5084	8.7	110210.4	-4224.7	5174	10.0	110909.9	-4207.5	5264	9.8	111708.5	-4211.8
5085	9.3	110219.4	-4200.1	5175	9.6	110912.4	-4234.7	5265	10.4	111709.5	-4213.0
5086	9.6	110221.4	-4224.8	5176	10.6	110930.9	-4253.7	5266	9.2	111714.5	-4233.1
5087	10.0	110225.2	-4239.5	5177	10.2	110942.9	-4236.7	5267	10.5	111718.7	-4208.4
5088	9.8	110227.3	-4201.4	5178	10.4	110947.9	-4248.0	5268	10.5	111722.5	-4251.4
5089	10.0	110228.4	-4204.9	5179	10.2	110947.9	-4234.6	5269	10.2	111726.5	-4253.9
5270	10.6	111726.5	-4218.8								
5271	10.2	111729.5	-4206.1								
5272	10.6	111729.5	-4218.8								
5273	9.8	111734.7	-4232.7								
5274	9.8	111740.5	-4248.3								
5275	10.0	111744.0	-4239.9								
5276	10.5	111759.9	-4218.1								
5277	10.3	111801.5	-4253.9								
5278	10.2	111811.0	-4235.3								
5279	10.0	111814.7	-4215.5								
5280	10.0	111814.9	-4214.0								
5281	10.2	111817.0	-4207.4								
5282	10.0	111822.0	-4202.0								
5283	10.2	111831.7	-4207.1								
5284	10.4	111832.9	-4202.8								
5285	10.6	111839.8	-4257.1								
5286	10.6	111849.5	-4231.0								
5287	10.4	111858.5	-4224.9								
5288	10.4	111901.0	-4234.1								
5289	10.4	111903.5	-4229.2								
5290	10.2	111909.0	-4214.8								
5291	10.4	111915.0	-4205.9								
5292	10.5	111918.0	-4243.7								
5293	10.3	111918.2	-4233.2								
5294	9.8	111920.5	-4208.0								
5295	10.0	111922.1	-4250.5								
5296	10.2	111925.7	-4248.7								
5297	7.7	111928.1	-4245.6								
5298	9.9	111928.2	-4230.1								
5299	10.3	111928.7	-4215.5								
5300	10.2	111929.1	-4257.1								
5301	10.3	111930.5	-4234.6								
5302	10.6	111934.5	-4259.5								
5303	10.6	111938.5	-4233.0								
5304	10.4	111939.0	-4234.9								
5305	10.6	111939.5	-4250.3								
5306	9.9	111939.7	-4232.7								
5307	10.2	111942.5	-4235.9								
5308	10.2	111944.5	-4232.5								
5309	10.5	111945.0	-4234.8								
5310	10.2	111949.5	-4228.7								
5311	9.8	111950.5	-4231.0								
5312	9.6	111951.4	-4212.5								
5313	10.2	111957.9	-4211.8								
5314	10.6	111958.5	-4231.8								
5315	9.8	111959.5	-4204.7								
5316	10.6	112004.5	-4257.9								
5317	9.6	112006.4	-4245.8								
5318	10.3	112010.7	-4237.2								
5319	10.2	112015.5	-4211.1								
5320	10.5	112019.5	-4210.0								
5321	8.7	112019.5	-4224.1								
5322	7.4	112024.8	-4252.6								
5323	9.9	112028.3	-4228.1								
5324	9.3	112034.3	-4241.2								
5325	10.6	112037.8	-4234.0								
5326	9.2	112039.8	-4233.4								
5327	8.6	112044.9	-4225.7								
5328	10.6	112059.8	-4244.8								
5329	9.4	112101.3	-4226.2								
5330	10.0	112103.1	-4241.0								
5331	10.6	112115.3	-4223.0								
5332	9.8	112117.8	-4229.6								
5333	10.0	112122.8	-4242.6								
5334	10.2	112129.3	-4223.7								
5335	10.0	112129.8	-4245.8								
5336	9.3	112141.8	-4208.1								
5337	10.4	112143.8	-4224.8								
5338	10.4	112145.8	-4213.0								
5339	10.6	112154.3	-4247.4								
5340	10.6	112208.6	-4241.5								
5341	10.0	112218.6	-4236.6								
5342	9.8	112220.1	-4218.9								
5343	8.6	112220.1	-4246.1								
5344	10.4	112228.0	-4235.1								
5345	10.2	112232.6	-4209.0								
5346	9.3	112233.9	-4258.6								
5347	10.2	112249.6	-4216.7								
5348	7.7	112255.6	-4247.3								
5349	10.2	112301.6	-4233.9								
5350	10.4	112316.0	-4209.5								
5351	10.2	112316.5	-4201.1								
5352	10.4	112329.6	-4242.5								
5353	10.4	112335.6	-4210.6								
5354	10.6	112337.6	-4255.6								
5355	10.4	112409.6	-4211.1								
5356	10.0	112419.9	-4239.1								
5357	10.2	112429.6	-4220.7								
5358	9.8	112430.1	-4218.0								
5359	10.6	112449.6	-4241.2								

5360	10.0	112452.7	-4213.0	5450	9.3	113426.1	-4241.0	5540	9.8	114549.0	-4228.7	5630	10.0	115800.0	-4234.4
5361	9.6	112459.6	-4215.1	5451	10.2	113429.1	-4221.6	5541	10.6	114549.9	-4246.8	5631	10.0	115830.7	-4220.7
5362	8.4	112502.6	-4251.8	5452	10.2	113439.6	-4228.0	5542	10.2	114559.6	-4219.5	5632	10.2	115834.3	-4254.8
5363	9.3	112502.6	-4236.8	5453	8.2	113443.2	-4202.6	5543	10.2	114606.3	-4240.5	5633	10.0	115845.2	-4245.0
5364	10.2	112507.6	-4202.9	5454	9.6	113448.9	-4258.6	5544	10.6	114641.7	-4209.6	5634	10.0	115851.2	-4222.9
5365	10.6	112509.6	-4207.0	5455	10.4	113501.6	-4210.3	5545	10.0	114645.9	-4212.1	5635	10.2	115907.2	-4202.2
5366	10.2	112511.6	-4256.4	5456	10.4	113502.6	-4244.9	5546	10.4	114649.6	-4222.7	5636	9.8	115907.7	-4233.4
5367	9.5	112513.0	-4235.3	5457	10.2	113506.6	-4203.3	5547	9.8	114659.9	-4229.6	5637	10.2	115908.2	-4204.2
5368	10.6	112517.0	-4234.3	5458	5.9	113510.9	-4224.1	5548	10.6	114700.6	-4209.4	5638	10.2	115914.7	-4235.0
5369	10.6	112517.7	-4244.9	5459	10.4	113514.1	-4258.2	5549	10.6	114705.6	-4212.8	5639	10.0	115950.2	-4225.4
5370	10.6	112525.6	-4253.1	5460	10.0	113541.6	-4212.8	5550	10.6	114709.5	-4208.0	5640	9.8	120007.2	-4206.1
5371	9.6	112533.2	-4247.2	5461	10.6	113558.1	-4201.7	5551	10.6	114709.6	-4211.8	5641	10.2	120011.2	-4215.7
5372	10.4	112533.6	-4226.9	5462	10.6	113601.6	-4242.1	5552	9.8	114719.4	-4239.7	5642	9.4	120039.2	-4209.1
5373	10.4	112537.0	-4247.1	5463	10.6	113607.6	-4227.8	5553	8.4	114736.6	-4205.1	5643	8.9	120051.5	-4231.9
5374	10.6	112539.6	-4217.5	5464	9.9	113611.7	-4202.5	5554	9.9	114748.2	-4241.2	5644	7.6	120056.5	-4232.9
5375	10.6	112556.2	-4224.6	5465	9.8	113616.7	-4236.4	5555	9.9	114812.2	-4217.9	5645	9.3	120101.2	-4247.6
5376	10.4	112559.0	-4238.5	5466	10.6	113619.6	-4220.1	5556	9.2	114814.6	-4221.1	5646	10.2	120119.2	-4244.0
5377	10.2	112606.0	-4221.1	5467	10.6	113621.6	-4211.2	5557	8.8	114819.2	-4257.8	5647	10.0	120132.7	-4230.2
5378	9.9	112618.0	-4236.6	5468	10.0	113627.7	-4250.6	5558	9.5	114828.6	-4219.3	5648	9.7	120142.7	-4220.1
5379	10.6	112619.9	-4253.8	5469	9.5	113628.6	-4251.7	5559	8.2	114831.6	-4254.9	5649	9.5	120157.7	-4243.0
5380	10.6	112621.6	-4240.6	5470	9.9	113635.6	-4210.7	5560	10.2	114837.2	-4211.4	5650	9.9	120206.2	-4250.3
5381	10.0	112636.1	-4203.5	5471	9.5	113637.1	-4225.0	5561	9.8	114839.1	-4208.6	5651	8.6	120215.2	-4218.2
5382	9.6	112638.0	-4224.8	5472	9.9	113639.6	-4220.5	5562	9.6	114844.1	-4227.7	5652	9.0	120219.2	-4204.7
5383	10.6	112656.6	-4248.0	5473	9.6	113640.6	-4231.3	5563	9.3	114917.4	-4214.7	5653	9.2	120226.2	-4249.2
5384	9.6	112702.1	-4258.4	5474	10.2	113641.6	-4259.9	5564	10.2	114932.4	-4218.8	5654	9.8	120233.2	-4252.2
5385	10.2	112711.6	-4210.7	5475	10.6	113657.1	-4257.5	5565	9.6	114944.6	-4204.5	5655	10.2	120245.2	-4251.0
5386	9.4	112713.7	-4255.4	5476	10.6	113709.6	-4205.9	5566	10.0	114949.1	-4256.8	5656	9.8	120247.2	-4226.2
5387	10.0	112717.7	-4226.6	5477	9.8	113721.6	-4243.5	5567	9.6	114958.9	-4223.5	5657	9.8	120250.2	-4208.8
5388	9.8	112721.6	-4254.4	5478	10.6	113733.0	-4235.6	5568	9.6	115014.4	-4217.6	5658	8.1	120252.7	-4208.5
5389	10.6	112722.1	-4231.2	5479	9.4	113734.7	-4200.0	5569	10.0	115015.4	-4257.7	5659	9.8	120257.3	-4231.5
5390	10.4	112731.6	-4256.2	5480	10.6	113738.6	-4202.5	5570	9.3	115026.9	-4213.7	5660	10.2	120334.3	-4204.0
5391	10.2	112732.1	-4259.5	5481	9.5	113747.6	-4206.5	5571	9.4	115026.9	-4228.2	5661	9.5	120335.2	-4252.2
5392	10.6	112741.1	-4203.9	5482	9.6	113749.6	-4250.3	5572	10.2	115032.3	-4245.5	5662	9.9	120336.2	-4213.2
5393	10.4	112743.6	-4234.4	5483	10.6	113749.6	-4237.3	5573	10.0	115043.4	-4231.7	5663	8.8	120336.3	-4251.8
5394	10.0	112759.6	-4247.0	5484	10.6	113759.6	-4241.6	5574	10.2	115051.9	-4233.6	5664	9.7	120338.2	-4238.5
5395	10.6	112809.6	-4224.3	5485	10.0	113802.7	-4215.2	5575	9.8	115055.1	-4227.2	5665	9.2	120347.2	-4243.8
5396	10.0	112809.6	-4207.4	5486	10.4	113809.6	-4205.8	5576	9.1	115056.4	-4244.7	5666	9.9	120400.0	-4214.0
5397	8.6	112825.1	-4232.8	5487	9.0	113819.6	-4208.8	5577	10.0	115056.9	-4209.2	5667	9.3	120418.2	-4221.4
5398	10.6	112839.0	-4231.9	5488	10.6	113819.6	-4218.0	5578	9.8	115103.9	-4250.3	5668	9.5	120426.0	-4201.8
5399	10.2	112844.6	-4233.4	5489	10.4	113819.6	-4236.8	5579	10.0	115133.9	-4206.3	5669	10.0	120426.8	-4258.6
5400	8.2	112851.6	-4235.3	5490	10.6	113832.0	-4229.2	5580	9.8	115137.4	-4221.3	5670	9.7	120444.2	-4255.2
5401	10.4	112857.1	-4248.3	5491	10.2	113848.5	-4201.5	5581	9.4	115159.4	-4248.6	5671	9.9	120523.7	-4238.1
5402	9.9	112900.6	-4226.9	5492	10.6	113907.7	-4205.2	5582	10.2	115210.3	-4219.2	5672	10.2	120550.2	-4200.9
5403	9.4	112901.1	-4219.4	5493	9.8	113908.6	-4231.5	5583	8.0	115214.4	-4244.4	5673	10.2	120558.2	-4215.0
5404	9.6	112911.6	-4219.2	5494	9.6	113915.1	-4246.7	5584	8.8	115231.4	-4241.1	5674	10.0	120603.2	-4239.9
5405	10.6	112913.0	-4223.4	5495	9.6	113925.6	-4239.1	5585	8.8	115233.9	-4257.0	5675	9.3	120611.2	-4215.4
5406	9.6	112920.9	-4228.6	5496	10.2	113926.2	-4206.7	5586	9.1	115237.4	-4249.1	5676	9.8	120612.7	-4233.0
5407	9.4	112926.6	-4202.2	5497	9.3	113946.7	-4253.3	5587	9.9	115244.4	-4244.5	5677	9.7	120614.7	-4214.9
5408	10.6	112926.6	-4206.9	5498	9.0	113952.1	-4223.1	5588	9.4	115250.9	-4245.2	5678	9.8	120619.2	-4234.5
5409	10.2	112932.1	-4208.6	5499	10.6	113958.1	-4230.8	5589	9.1	115259.4	-4227.9	5679	9.8	120621.0	-4233.0
5410	10.4	112935.6	-4248.5	5500	10.6	114007.6	-4257.8	5590	9.8	115316.9	-4254.5	5680	9.8	120647.2	-4217.6
5411	9.9	112938.6	-4230.0	5501	9.4	114013.7	-4222.6	5591	9.1	115318.4	-4225.3	5681	9.2	120649.2	-4215.4
5412	10.2	113003.2	-4215.8	5502	8.8	114017.1	-4241.8	5592	9.7	115320.4	-4254.5	5682	10.0	120708.7	-4215.5
5413	9.3	113007.7	-4250.0	5503	10.2	114020.1	-4228.0	5593	10.2	115326.9	-4237.2	5683	10.2	120710.2	-4245.0
5414	10.6	113009.6	-4236.7	5504	10.0	114026.1	-4239.8	5594	9.8	115331.4	-4205.8	5684	10.0	120716.7	-4214.0
5415	10.2	113017.2	-4249.8	5505	10.4	114043.1	-4223.9	5595	10.2	115333.4	-4243.4	5685	10.2	120809.5	-4204.5
5416	10.4	113031.6	-4213.4	5506	10.0	114044.6	-4248.3	5596	10.2	115339.5	-4201.7	5686	9.8	120814.3	-4214.0
5417	10.2	113037.0	-4237.9	5507	10.6	114049.6	-4213.7	5597	10.2	115347.6	-4240.8	5687	9.9	120820.8	-4200.0
5418	10.6	113040.6	-4236.8	5508	10.4	114101.1	-4230.7	5598	10.2	115355.4	-4256.8	5688	10.2	120826.3	-4251.9
5419	10.2	113040.7	-4208.8	5509	9.8	114118.7	-4206.1	5599	10.2	115359.4	-4259.8	5689	10.0	120827.3	-4252.3
5420	10.6	113041.9	-4212.9	5510	10.6	114119.6	-4231.8	5600	9.8	115359.4	-4248.9	5690	10.0	120829.3	-4204.8
5421	10.2	113049.6	-4215.1	5511	10.2	114129.6	-4228.0	5601	9.9	115359.4	-4252.5	5691	9.7	120832.0	-4230.9
5422	9.6	113059.6	-4209.2	5512	10.6	114139.6	-4217.1	5602	10.2	115359.5	-4210.1	5692	9.8	120832.3	-4259.6
5423	10.2	113059.6	-4253.8	5513	10.0	114139.9	-4241.5	5603	9.2	115419.4	-4250.9	5693	9.7	120856.8	-4249.1
5424	10.6	113121.1	-4243.1	5514	10.6	114148.1	-4218.6	5604	9.8	115428.1	-4243.0	5694	9.6	120901.8	-4220.5
5425	10.6	113128.6	-4226.2	5515	10.6	114209.6	-4254.5	5605	9.8	115439.4	-4252.3	5695	10.2	120904.3	-4258.3
5426	9.3	113140.9	-4251.8	5516	10.4	114231.1	-4201.4	5606	9.7	115452.3	-4200.4	5696	9.5	120906.8	-4230.0
5427	10.4	113150.1	-4217.7	5517	10.0	114238.6	-4211.9	5607	9.1	115454.4	-4244.0	5697	9.1	120922.0	-4238.1
5428	10.4	113158.6	-4217.9	5518	10.4	114240.9	-4247.5	5608	9.4	115456.9	-4242.8	5698	8.7	120924.3	-4252.0
5429	10.6	113201.4	-4209.7	5519	9.8	114241.1	-4221.7	5609	9.8	115511.2	-4256.0	5699	9.8	120950.0	-4207.5
5430	10.0	113208.0	-4233.6	5520	10.4	114249.6	-4226.0	5610	9.6	115527.2	-4255.1	5700	10.0	121010.8	-4228.9
5431	10.6	113225.8	-4259.4	5521	9.6	114308.6	-4216.1	5611	9.7	115552.0	-4219.2	5701	10.2	121028.8	-4252.0
5432	10.0	113229.9	-4229.0	5522	10.2	114309.6	-4252.5	5612	10.2	115559.2	-4206.0	5702	9.6	121039.3	-4245.0
5433	10.4	113257.6	-4214.7	5523	10.0	114313.6	-4236.9	5613	9.0	115600.2	-4242.0	5703	9.8	121040.3	-4244.3
5434	9.8	113259.6	-4254.2	5524	9.6	114337.1	-4215.7	5614	10.0	115609.2	-4220.7	5704	9.2	121050.5	-4200.8
5435	10.6	113300.6	-4234.3	5525	10.6	114345.6	-4217.8	5615	9.8	115617.2	-4223.0	5705	9.8	121054.8	-4214.1
5436	10.6	113311.6	-4258.5	5526	10.6	114346.1	-4217.6	5616	9.2	115624.2	-4204.7	5706	8.5	121057.8	-4215.7
5437	10.0	113314.1	-4213.4	5527	10.6	114358.1	-4222.8	5617	10.2	115629.2	-4229.6	5707	9.5	121108.8	-4255.5
5438	10.6	113319.6	-4211.0	5528	10.6	114402.6	-4205.1	5618	9.5	115629.2	-4242.3	5708	10.2	121109.8	-4237.9
5439	9.8	113323.6	-4233.6	5529	10.6	114424.1	-4223.6	5619	8.4	115638.2	-4238.6	5709	9.7	121115.8	-4210.5
5440	10.6	113324.4	-4249.8	5530	10.2	114425.7	-4223.7	5620	9.6	115641.2	-4256.0	5710	9.6	121116.8	-4237.0
5441	10.6	113329.6	-4234.1	5531	10.4	114434.6	-4225.0	5621	9.6	115647.2	-4210.2	5711	9.7	121133.8	-4213.0
5442	10.6	113339.6	-4251.0	5532	10.2	114442.0	-4201.5	5622	9.2	115650.2	-4221.2	5712	9.8	121139.8	-4232.6
5443	9.8	113348.6	-4245.9	5533	10.0	114449.9	-4240.3	5623	9.9	115658.7	-4200.1	5713	9.7	121147.3	-4247.7
5444	10.6	113350.1	-4229.7	5534	10.2	114455.0	-4259.1	5624	10.2	115702.7	-4259.1	5714	8.0	121147.8	-4215.3
5445	10.4	113357.0	-4242.4	5535	10.0	114457.9	-4215.0	5625	9.7	115703.2	-4231.2	5715	10.0	121149.8	-4203.1
5446	10.6	113359.6	-4230.5	5536	10.4	114502.9	-4212.8	5626	9.6	115712.2	-4246.0	5716	8.4	121159.8	-4221.9
5447	10.4	113404.6	-4235.4	5537	7.8	114505.9	-4223.0	5627	9.8	115713.7	-4255.8	5717	9.0	121212.8	-4219.7
5448	9.6	113407.7	-4213.1	5538	10.6	114509.6	-4254.4	5628	9.6	115722.2	-4210.2	5718	10.0	121216.8	-4232.1
5449	8.2	113423.2	-4227.6	5539	8.8	114524.6	-4252.4	5629	10.2	115745.2	-4229.8	5719	10.2	121232.3	-4236.2

5720	10.4	121247.8	-4207.8	5810	10.2	122331.0	-4211.1	5900	8.8	123213.5	-4244.2	5990	9.2	124124.1	-4211.4
5721	10.2	121248.7	-4239.4	5811	10.0	122336.0	-4241.8	5901	10.0	123218.0	-4218.9	5991	8.5	124129.1	-4238.9
5722	10.4	121254.0	-4246.3	5812	9.3	122348.1	-4223.3	5902	10.0	123222.0	-4228.5	5992	10.4	124137.1	-4259.8
5723	10.2	121302.0	-4250.2	5813	9.4	122350.0	-4232.1	5903	9.5	123223.5	-4255.6	5993	10.1	124138.1	-4207.2
5724	10.3	121309.0	-4255.0	5814	10.4	122359.1	-4226.2	5904	10.0	123234.0	-4217.1	5994	10.3	124156.6	-4222.6
5725	9.8	121309.2	-4246.8	5815	10.4	122400.0	-4214.1	5905	9.8	123239.5	-4238.5	5995	10.5	124157.1	-4257.1
5726	10.1	121349.2	-4241.4	5816	9.8	122409.0	-4242.7	5906	10.3	123240.5	-4239.6	5996	10.3	124210.1	-4214.3
5727	9.1	121351.9	-4216.7	5817	10.1	122410.0	-4205.0	5907	8.6	123243.5	-4217.8	5997	9.8	124220.1	-4222.8
5728	10.4	121358.5	-4237.6	5818	10.4	122412.5	-4205.1	5908	9.4	123250.5	-4215.3	5998	10.5	124234.1	-4241.0
5729	10.0	121359.9	-4205.4	5819	8.9	122418.5	-4212.2	5909	10.0	123251.5	-4215.8	5999	8.8	124237.1	-4231.8
5730	9.8	121407.5	-4224.1	5820	10.0	122420.0	-4248.5	5910	10.2	123300.5	-4207.7	6000	10.2	124240.1	-4205.4
5731	9.8	121410.5	-4245.5	5821	10.1	122428.0	-4224.6	5911	9.8	123301.5	-4216.0	6001	9.9	124257.1	-4236.8
5732	10.0	121439.5	-4201.4	5822	10.2	122431.0	-4238.7	5912	10.1	123308.7	-4255.8	6002	10.1	124308.2	-4201.8
5733	10.0	121444.0	-4220.9	5823	9.4	122439.0	-4241.2	5913	10.0	123315.2	-4257.9	6003	9.8	124321.1	-4242.3
5734	10.4	121517.0	-4218.6	5824	10.4	122440.5	-4237.7	5914	9.4	123322.6	-4212.8	6004	9.9	124335.1	-4229.5
5735	9.4	121519.1	-4207.9	5825	10.4	122442.5	-4241.1	5915	10.0	123324.3	-4226.9	6005	9.6	124349.1	-4230.4
5736	10.0	121521.5	-4213.3	5826	10.2	122454.5	-4254.6	5916	9.8	123336.3	-4210.1	6006	10.5	124357.1	-4257.0
5737	10.0	121530.0	-4245.0	5827	9.8	122455.0	-4258.7	5917	9.2	123340.7	-4252.2	6007	10.5	124359.1	-4215.2
5738	8.0	121545.0	-4246.2	5828	9.7	122458.5	-4226.0	5918	10.4	123341.6	-4203.3	6008	10.4	124401.9	-4220.4
5739	9.8	121610.0	-4209.3	5829	10.4	122515.0	-4245.6	5919	10.1	123345.5	-4259.0	6009	9.8	124429.1	-4204.0
5740	9.7	121610.0	-4224.0	5830	8.3	122521.3	-4250.7	5920	10.0	123345.7	-4224.0	6010	10.2	124432.1	-4249.0
5741	9.8	121620.0	-4210.3	5831	10.1	122523.5	-4202.4	5921	10.4	123347.7	-4223.7	6011	9.8	124454.1	-4208.5
5742	10.2	121629.0	-4246.3	5832	10.1	122535.2	-4202.8	5922	8.8	123347.7	-4250.1	6012	9.5	124512.1	-4214.6
5743	9.8	121659.5	-4238.9	5833	10.0	122539.8	-4206.0	5923	10.0	123404.7	-4237.2	6013	10.2	124514.4	-4228.8
5744	10.0	121659.5	-4252.2	5834	10.2	122544.3	-4211.0	5924	10.0	123410.7	-4230.1	6014	9.0	124519.1	-4221.2
5745	10.3	121702.0	-4234.8	5835	10.4	122546.2	-4207.7	5925	10.3	123412.7	-4213.3	6015	9.9	124519.1	-4229.0
5746	10.0	121712.8	-4207.3	5836	10.0	122554.8	-4206.6	5926	8.8	123421.2	-4235.8	6016	10.3	124534.1	-4243.0
5747	9.0	121718.5	-4202.2	5837	9.6	122555.9	-4243.7	5927	10.2	123430.7	-4201.1	6017	9.9	124555.1	-4254.2
5748	10.2	121722.8	-4253.2	5838	10.4	122600.3	-4209.1	5928	10.3	123435.2	-4256.0	6018	9.4	124608.1	-4246.6
5749	10.2	121735.0	-4234.9	5839	10.3	122600.8	-4237.4	5929	10.4	123435.6	-4203.4	6019	10.4	124620.1	-4228.4
5750	10.0	121739.0	-4205.2	5840	10.0	122601.3	-4237.8	5930	9.8	123439.4	-4255.0	6020	9.9	124622.1	-4221.5
5751	9.8	121743.0	-4211.1	5841	10.4	122602.5	-4243.2	5931	8.7	123440.5	-4257.6	6021	7.4	124637.2	-4223.6
5752	10.0	121745.7	-4202.4	5842	9.4	122604.8	-4206.0	5932	10.1	123455.2	-4241.5	6022	9.9	124648.1	-4223.7
5753	9.8	121808.3	-4231.9	5843	10.3	122616.2	-4227.2	5933	9.8	123458.4	-4215.0	6023	10.5	124709.9	-4204.7
5754	9.8	121815.2	-4218.5	5844	9.8	122620.0	-4203.2	5934	9.7	123459.4	-4216.7	6024	10.5	124718.2	-4243.2
5755	10.4	121819.3	-4232.4	5845	10.3	122629.3	-4224.5	5935	10.1	123500.7	-4217.4	6025	10.5	124729.1	-4202.2
5756	9.3	121821.2	-4220.8	5846	9.8	122640.3	-4212.1	5936	10.1	123502.7	-4257.2	6026	9.8	124800.9	-4245.6
5757	9.2	121836.3	-4206.4	5847	9.8	122649.3	-4240.8	5937	10.0	123502.7	-4214.9	6027	9.4	124808.2	-4250.6
5758	10.2	121857.8	-4245.3	5848	10.3	122705.3	-4216.0	5938	10.4	123510.7	-4234.6	6028	10.4	124811.2	-4259.8
5759	9.1	121902.2	-4245.1	5849	10.3	122716.2	-4204.6	5939	9.8	123520.7	-4216.2	6029	9.6	124819.1	-4230.3
5760	9.4	121907.5	-4258.2	5850	10.0	122718.8	-4256.4	5940	9.7	123520.7	-4227.0	6030	10.4	124819.9	-4248.7
5761	10.4	121907.9	-4221.1	5851	10.4	122722.9	-4247.3	5941	10.3	123522.2	-4256.0	6031	7.4	124821.9	-4214.1
5762	9.0	121910.2	-4208.0	5852	10.3	122734.3	-4246.0	5942	9.8	123528.7	-4224.9	6032	9.9	124822.1	-4251.4
5763	10.2	121915.2	-4239.5	5853	10.4	122734.5	-4216.3	5943	10.1	123530.2	-4239.8	6033	10.1	124823.6	-4231.0
5764	10.3	121916.3	-4241.6	5854	10.4	122741.2	-4221.2	5944	9.1	123530.7	-4247.6	6034	10.3	124824.6	-4225.6
5765	9.4	121918.8	-4237.8	5855	10.4	122741.8	-4219.3	5945	9.8	123544.0	-4258.9	6035	10.4	124825.1	-4255.1
5766	10.4	121924.2	-4203.7	5856	9.3	122745.8	-4242.9	5946	10.2	123553.3	-4231.1	6036	10.2	124840.9	-4225.0
5767	10.4	121932.9	-4237.9	5857	9.6	122756.0	-4259.1	5947	9.5	123554.7	-4212.3	6037	9.8	124844.1	-4229.4
5768	10.4	121934.2	-4201.0	5858	9.4	122757.3	-4213.6	5948	10.3	123601.2	-4256.8	6038	9.8	124847.6	-4204.4
5769	9.2	121943.6	-4203.1	5859	10.4	122759.3	-4230.8	5949	9.8	123602.5	-4257.6	6039	9.9	124850.9	-4222.2
5770	9.2	121947.8	-4234.0	5860	9.8	122808.8	-4207.0	5950	9.5	123610.2	-4247.1	6040	10.5	124909.9	-4245.0
5771	10.4	121953.8	-4243.6	5861	10.4	122815.3	-4238.4	5951	9.8	123619.4	-4211.2	6041	10.5	124919.9	-4255.0
5772	10.4	122014.3	-4226.3	5862	10.2	122823.8	-4230.6	5952	10.4	123634.4	-4243.2	6042	9.5	124921.1	-4245.8
5773	9.3	122020.3	-4240.9	5863	9.8	122840.8	-4226.2	5953	10.0	123641.3	-4240.5	6043	9.8	124925.2	-4223.6
5774	10.3	122039.8	-4207.5	5864	9.8	122846.4	-4209.8	5954	10.4	123710.8	-4222.6	6044	10.5	124939.1	-4208.1
5775	10.4	122048.8	-4204.8	5865	10.2	122852.4	-4220.5	5955	9.1	123719.4	-4223.3	6045	10.4	124942.1	-4208.0
5776	9.8	122049.3	-4237.4	5866	10.0	122858.6	-4205.0	5956	10.0	123720.4	-4224.7	6046	9.8	125009.1	-4234.5
5777	10.0	122050.3	-4248.7	5867	10.0	122910.3	-4238.4	5957	9.6	123720.8	-4206.1	6047	9.6	125012.6	-4251.0
5778	10.3	122051.3	-4247.7	5868	9.6	122912.3	-4213.3	5958	10.2	123725.3	-4207.1	6048	9.9	125016.1	-4255.0
5779	10.0	122052.9	-4217.8	5869	10.1	122920.3	-4234.7	5959	9.2	123726.4	-4216.7	6049	9.4	125023.1	-4255.5
5780	10.1	122059.2	-4203.4	5870	10.0	122920.5	-4205.2	5960	9.0	123728.4	-4206.3	6050	9.8	125029.1	-4218.8
5781	10.2	122108.8	-4224.3	5871	8.0	122921.5	-4209.7	5961	10.0	123728.8	-4250.9	6051	10.3	125029.3	-4240.4
5782	9.3	122121.8	-4237.9	5872	9.8	122930.5	-4204.2	5962	9.3	123734.3	-4241.5	6052	9.8	125030.1	-4253.9
5783	10.4	122128.3	-4219.1	5873	10.4	122931.5	-4235.2	5963	10.4	123737.8	-4258.6	6053	9.8	125053.1	-4237.8
5784	10.2	122130.9	-4226.9	5874	10.1	122935.0	-4206.1	5964	9.6	123738.8	-4217.3	6054	9.8	125102.1	-4206.5
5785	10.2	122133.2	-4221.3	5875	9.8	122939.5	-4235.7	5965	10.2	123740.4	-4220.1	6055	10.5	125106.1	-4243.2
5786	9.0	122136.3	-4241.5	5876	8.4	122940.5	-4247.9	5966	10.4	123742.8	-4254.9	6056	10.4	125106.1	-4246.3
5787	10.2	122136.3	-4226.8	5877	10.3	122958.5	-4228.0	5967	10.2	123747.3	-4230.4	6057	10.5	125109.1	-4252.0
5788	10.4	122140.5	-4212.7	5878	9.6	122958.7	-4202.0	5968	10.0	123757.3	-4207.9	6058	9.8	125139.9	-4214.0
5789	10.0	122147.1	-4216.0	5879	10.1	123001.5	-4231.0	5969	10.3	123801.4	-4203.1	6059	10.2	125141.1	-4243.0
5790	9.4	122159.3	-4238.6	5880	10.2	123006.5	-4255.4	5970	10.1	123801.6	-4257.7	6060	9.9	125146.1	-4247.0
5791	9.2	122201.0	-4214.4	5881	9.8	123010.5	-4207.5	5971	10.4	123808.5	-4200.0	6061	10.3	125200.6	-4212.6
5792	10.0	122202.0	-4204.2	5882	9.4	123015.0	-4223.2	5972	10.1	123809.4	-4234.5	6062	10.5	125207.6	-4248.7
5793	9.0	122204.0	-4256.6	5883	10.4	123016.0	-4203.3	5973	10.1	123820.3	-4244.0	6063	10.0	125212.1	-4229.8
5794	9.7	122215.0	-4243.9	5884	10.1	123016.2	-4231.8	5974	10.2	123900.8	-4253.1	6064	10.5	125229.2	-4259.3
5795	8.0	122220.0	-4232.4	5885	9.0	123029.5	-4206.0	5975	9.3	123907.4	-4224.3	6065	9.6	125234.1	-4215.6
5796	10.4	122220.0	-4222.3	5886	10.4	123034.7	-4205.5	5976	9.8	123914.8	-4209.0	6066	10.0	125236.1	-4232.8
5797	9.8	122228.0	-4246.6	5887	10.4	123035.5	-4210.9	5977	9.8	123915.8	-4234.5	6067	10.4	125247.1	-4224.6
5798	10.2	122237.0	-4207.8	5888	10.4	123039.5	-4249.8	5978	9.8	123923.2	-4232.7	6068	9.9	125249.9	-4224.6
5799	10.1	122239.0	-4248.0	5889	10.3	123047.5	-4218.4	5979	9.2	123929.8	-4208.0	6069	9.8	125326.1	-4245.0
5800	10.4	122245.0	-4233.9	5890	10.2	123056.5	-4216.8	5980	10.4	123937.1	-4253.8	6070	8.0	125327.6	-4224.7
5801	9.8	122251.0	-4254.5	5891	9.8	123057.5	-4255.1	5981	9.1	123949.3	-4237.8	6071	10.3	125331.9	-4234.9
5802	9.6	122255.0	-4203.8	5892	10.0	123104.2	-4224.7	5982	8.2	124010.5	-4234.9	6072	10.3	125332.1	-4201.8
5803	9.8	122256.8	-4202.8	5893	9.8	123104.5	-4224.0	5983	8.4	124019.3	-4214.7	6073	9.5	125334.1	-4246.8
5804	10.2	122300.0	-4208.1	5894	8.8	123112.5	-4220.6	5984	10.1	124023.4	-4235.9	6074	10.3	125334.6	-4215.4
5805	10.4	122306.0	-4218.5	5895	10.0	123122.0	-4252.0	5985	10.3	124042.4	-4204.3	6075	9.8	125335.1	-4246.3
5806	9.3	122315.0	-4241.6	5896	9.4	123142.5	-4208.9	5986	10.3	124049.2	-4237.4	6076	10.3	125335.1	-4205.0
5807	9.8	122315.0	-4234.3	5897	10.3	123144.2	-4253.0	5987	10.2	124059.1	-4203.5	6077	10.3	125337.1	-4211.0
5808	8.0	122319.5	-4214.3	5898	9.4	123150.4	-4201.8	5988	9.4	124101.3	-4209.6	6078	10.5	125339.1	-4242.0
5809	8.5	122330.0	-4239.2	5899	10.4	123154.0	-4201.3	5989	10.5	124111.1	-4234.3	6079	10.5	125339.1	-4206.7

6080	8.8	125346.6	-4214.6	6170	9.8	130605.2	-4205.4	6260	10.0	131910.3	-4231.1	6350	10.0	133258.1	-4250.5
6081	9.6	125349.1	-4235.8	6171	9.6	130607.1	-4250.1	6261	10.2	131913.3	-4219.8	6351	9.0	133310.6	-4228.8
6082	10.5	125358.9	-4216.3	6172	10.3	130613.6	-4204.5	6262	9.8	131920.1	-4225.2	6352	8.8	133318.1	-4239.2
6083	10.5	125400.1	-4215.9	6173	9.1	130619.1	-4222.8	6263	8.8	131923.6	-4253.6	6353	9.4	133352.1	-4255.6
6084	9.6	125404.6	-4253.7	6174	10.0	130622.7	-4227.9	6264	10.4	131925.2	-4243.9	6354	9.6	133353.1	-4251.0
6085	9.8	125427.6	-4242.4	6175	10.5	130629.1	-4218.8	6265	9.6	131937.3	-4229.2	6355	10.0	133353.6	-4218.4
6086	9.8	125430.1	-4252.0	6176	10.4	130639.1	-4204.3	6266	9.6	131939.3	-4225.7	6356	9.8	133359.4	-4255.9
6087	10.0	125430.1	-4220.0	6177	7.2	130648.7	-4228.5	6267	10.3	132009.2	-4247.1	6357	8.4	133426.1	-4232.6
6088	9.8	125430.9	-4245.3	6178	10.2	130658.7	-4205.8	6268	9.2	132021.8	-4232.5	6358	10.0	133428.4	-4232.8
6089	10.5	125434.1	-4219.4	6179	10.0	130704.5	-4210.7	6269	9.0	132025.4	-4233.0	6359	9.8	133430.6	-4251.9
6090	10.4	125441.1	-4235.9	6180	7.3	130710.1	-4211.3	6270	9.4	132033.8	-4249.6	6360	7.7	133433.1	-4230.7
6091	10.4	125451.9	-4209.2	6181	10.5	130710.1	-4245.1	6271	10.2	132040.1	-4251.7	6361	9.3	133447.5	-4209.9
6092	9.8	125459.9	-4211.2	6182	9.9	130713.1	-4245.3	6272	10.0	132050.3	-4205.2	6362	10.2	133452.6	-4211.8
6093	9.8	125505.1	-4200.0	6183	8.6	130729.3	-4219.5	6273	9.4	132056.8	-4226.6	6363	9.3	133456.1	-4224.8
6094	9.4	125516.1	-4212.8	6184	8.2	130749.3	-4216.9	6274	10.4	132103.4	-4212.2	6364	7.4	133516.1	-4233.1
6095	9.9	125519.9	-4218.7	6185	10.4	130759.3	-4225.1	6275	10.4	132108.3	-4234.0	6365	10.2	133521.6	-4206.8
6096	10.4	125522.1	-4210.0	6186	8.5	130803.3	-4204.7	6276	8.8	132108.8	-4208.8	6366	10.2	133526.6	-4205.7
6097	10.5	125527.6	-4214.7	6187	10.2	130804.6	-4232.7	6277	10.4	132109.3	-4232.0	6367	10.2	133540.5	-4209.1
6098	10.4	125532.1	-4256.1	6188	7.8	130810.8	-4224.0	6278	10.0	132114.3	-4212.0	6368	8.4	133559.5	-4203.1
6099	8.4	125534.4	-4240.8	6189	9.4	130820.8	-4252.1	6279	9.8	132130.4	-4216.6	6369	10.0	133609.0	-4226.9
6100	10.3	125537.6	-4220.4	6190	10.4	130824.4	-4248.0	6280	8.9	132139.3	-4208.4	6370	10.2	133632.5	-4213.7
6101	10.4	125559.4	-4215.0	6191	9.8	130830.3	-4230.0	6281	10.4	132200.3	-4206.6	6371	9.2	133636.6	-4212.9
6102	10.2	125606.5	-4214.4	6192	9.6	130839.3	-4210.0	6282	9.0	132229.3	-4220.2	6372	7.3	133638.5	-4248.7
6103	10.3	125619.6	-4202.7	6193	9.6	130854.3	-4218.9	6283	9.4	132239.3	-4214.2	6373	10.2	133656.1	-4247.1
6104	10.5	125621.1	-4227.7	6194	9.8	130854.3	-4246.2	6284	10.0	132248.3	-4228.3	6374	9.5	133716.6	-4227.5
6105	9.9	125624.6	-4255.9	6195	10.2	130854.4	-4259.3	6285	9.4	132311.3	-4231.7	6375	9.8	133728.5	-4243.7
6106	10.3	125647.1	-4215.3	6196	9.6	130901.3	-4248.5	6286	10.0	132348.8	-4218.2	6376	8.6	133753.1	-4226.2
6107	10.0	125652.6	-4212.3	6197	10.4	130910.1	-4246.4	6287	9.4	132348.8	-4205.4	6377	9.0	133812.6	-4216.9
6108	9.9	125656.1	-4208.6	6198	9.6	130921.3	-4225.7	6288	9.1	132348.9	-4246.3	6378	10.0	133822.1	-4248.6
6109	9.5	125711.8	-4258.3	6199	9.2	130940.6	-4218.3	6289	8.4	132407.9	-4239.8	6379	8.6	133828.1	-4254.7
6110	10.1	125719.1	-4228.1	6200	10.0	130959.3	-4205.5	6290	10.4	132410.3	-4212.7	6380	8.8	133831.6	-4237.4
6111	9.2	125723.1	-4243.6	6201	9.4	131000.6	-4222.2	6291	10.0	132410.8	-4244.1	6381	9.8	133831.6	-4215.1
6112	9.8	125730.6	-4201.3	6202	8.6	131001.6	-4251.4	6292	10.2	132420.3	-4217.0	6382	9.0	133833.6	-4258.7
6113	10.3	125750.1	-4247.5	6203	7.8	131017.3	-4216.2	6293	9.6	132430.3	-4232.2	6383	9.6	133841.1	-4224.3
6114	9.9	125820.1	-4209.1	6204	7.1	131021.3	-4238.3	6294	10.3	132438.2	-4203.8	6384	10.0	133850.1	-4219.2
6115	10.5	125823.6	-4220.6	6205	8.9	131029.3	-4228.4	6295	7.8	132448.3	-4203.5	6385	9.7	133852.4	-4200.0
6116	9.8	125824.6	-4223.0	6206	10.3	131102.3	-4241.6	6296	10.2	132450.3	-4248.4	6386	10.2	133854.6	-4243.7
6117	10.1	125827.6	-4213.3	6207	7.8	131109.3	-4256.9	6297	10.3	132454.2	-4221.9	6387	9.8	133854.6	-4244.7
6118	10.3	125849.9	-4228.0	6208	9.6	131117.4	-4204.8	6298	10.0	132509.7	-4259.4	6388	10.2	133919.5	-4252.6
6119	9.5	125856.5	-4224.7	6209	9.8	131120.3	-4237.7	6299	9.2	132511.3	-4243.2	6389	9.8	133924.1	-4243.1
6120	10.5	125856.6	-4229.6	6210	9.8	131121.1	-4259.6	6300	9.8	132516.8	-4237.4	6390	9.4	133935.6	-4200.3
6121	10.3	125859.1	-4258.4	6211	8.6	131130.8	-4231.0	6301	10.2	132525.6	-4233.5	6391	9.6	133935.6	-4200.6
6122	10.2	125908.5	-4218.8	6212	9.8	131132.8	-4217.4	6302	10.3	132544.1	-4217.7	6392	9.4	133946.1	-4245.2
6123	8.8	125919.3	-4258.4	6213	9.8	131141.3	-4259.1	6303	9.2	132544.7	-4254.7	6393	9.5	133946.6	-4210.5
6124	10.5	125920.6	-4238.4	6214	10.4	131149.3	-4250.0	6304	7.0	132607.1	-4246.6	6394	9.6	133948.5	-4229.9
6125	9.6	125924.6	-4239.1	6215	10.0	131205.8	-4235.8	6305	10.0	132616.1	-4244.7	6395	8.4	134003.1	-4227.2
6126	9.8	125938.1	-4238.6	6216	10.2	131223.3	-4245.6	6306	10.2	132621.1	-4232.1	6396	8.2	134008.6	-4258.8
6127	10.5	125947.1	-4236.7	6217	9.1	131229.3	-4250.0	6307	10.0	132642.1	-4236.2	6397	9.8	134017.1	-4206.0
6128	9.4	125949.1	-4207.1	6218	10.0	131239.3	-4212.7	6308	8.6	132648.8	-4214.1	6398	9.2	134036.6	-4205.8
6129	9.8	125958.1	-4250.1	6219	10.0	131309.3	-4217.5	6309	9.0	132649.1	-4246.2	6399	9.2	134050.3	-4222.9
6130	10.3	130006.1	-4214.3	6220	9.4	131311.3	-4241.7	6310	8.9	132657.1	-4228.2	6400	8.4	134050.3	-4251.7
6131	10.1	130035.3	-4202.6	6221	9.6	131313.8	-4212.1	6311	9.8	132658.3	-4214.3	6401	9.8	134058.5	-4249.6
6132	9.2	130047.1	-4206.9	6222	8.6	131314.3	-4246.7	6312	10.4	132659.1	-4212.0	6402	8.8	134059.2	-4231.5
6133	10.3	130050.4	-4226.3	6223	10.3	131315.3	-4217.7	6313	9.8	132701.7	-4234.9	6403	9.6	134110.7	-4204.1
6134	9.8	130110.1	-4255.3	6224	9.8	131339.3	-4202.7	6314	10.3	132703.5	-4216.4	6404	10.0	134117.8	-4231.3
6135	10.3	130117.1	-4215.9	6225	9.0	131339.3	-4256.0	6315	10.0	132704.7	-4226.7	6405	10.2	134128.8	-4235.7
6136	9.9	130117.6	-4233.1	6226	10.0	131356.3	-4220.1	6316	10.0	132705.1	-4221.8	6406	9.0	134130.6	-4222.9
6137	10.0	130120.6	-4250.7	6227	9.6	131404.3	-4233.2	6317	8.5	132711.1	-4211.5	6407	9.2	134203.1	-4256.1
6138	9.4	130139.1	-4247.9	6228	10.2	131408.3	-4204.8	6318	10.0	132734.0	-4228.9	6408	10.2	134213.8	-4228.8
6139	9.2	130142.2	-4243.2	6229	6.8	131409.8	-4258.7	6319	9.8	132743.7	-4251.0	6409	9.7	134226.1	-4237.0
6140	9.8	130150.1	-4242.1	6230	9.6	131422.3	-4202.7	6320	9.4	132759.1	-4242.1	6410	9.4	134227.8	-4225.6
6141	10.5	130159.1	-4218.1	6231	9.8	131440.3	-4216.4	6321	9.6	132806.1	-4206.1	6411	10.0	134229.7	-4209.1
6142	10.0	130212.1	-4211.4	6232	9.6	131440.3	-4252.8	6322	10.0	132839.4	-4202.0	6412	8.8	134230.8	-4258.9
6143	10.1	130217.1	-4215.7	6233	7.1	131447.8	-4223.6	6323	10.0	132919.4	-4201.3	6413	10.0	134231.7	-4246.0
6144	9.8	130220.6	-4242.1	6234	9.4	131448.3	-4239.7	6324	9.4	132929.1	-4237.3	6414	10.2	134247.6	-4214.0
6145	10.5	130221.1	-4258.6	6235	9.2	131450.3	-4223.9	6325	9.8	132930.7	-4247.8	6415	10.2	134306.7	-4234.0
6146	10.5	130232.1	-4218.9	6236	10.4	131503.4	-4213.5	6326	10.0	132933.1	-4208.3	6416	10.2	134329.7	-4207.8
6147	9.0	130238.1	-4203.2	6237	9.8	131519.3	-4217.7	6327	10.4	132935.6	-4210.5	6417	9.4	134332.7	-4242.1
6148	9.2	130239.1	-4223.7	6238	9.1	131524.3	-4210.8	6328	8.3	132944.1	-4208.5	6418	10.2	134345.1	-4210.1
6149	9.9	130250.1	-4223.6	6239	10.3	131527.3	-4256.2	6329	10.4	133004.6	-4206.5	6419	10.2	134405.6	-4202.9
6150	10.2	130250.6	-4202.5	6240	10.4	131530.1	-4226.5	6330	10.4	133010.7	-4258.5	6420	9.6	134408.2	-4255.0
6151	10.4	130255.6	-4235.1	6241	10.0	131530.3	-4225.9	6331	9.4	133011.0	-4203.9	6421	9.6	134428.2	-4208.2
6152	10.3	130258.6	-4258.5	6242	9.8	131539.3	-4253.0	6332	9.8	133030.1	-4241.7	6422	10.2	134430.7	-4231.7
6153	9.4	130305.1	-4210.0	6243	10.4	131547.3	-4237.0	6333	8.0	133038.1	-4207.6	6423	9.9	134430.7	-4259.8
6154	10.5	130323.0	-4243.1	6244	9.0	131550.3	-4223.8	6334	10.0	133039.1	-4213.6	6424	10.2	134431.1	-4210.1
6155	10.3	130325.6	-4204.2	6245	10.4	131659.2	-4214.6	6335	10.3	133059.6	-4258.5	6425	10.2	134441.1	-4212.3
6156	10.4	130329.1	-4209.8	6246	9.6	131716.8	-4225.8	6336	9.6	133102.7	-4248.0	6426	9.9	134447.7	-4222.3
6157	9.8	130337.2	-4218.8	6247	9.8	131727.3	-4220.8	6337	9.4	133107.1	-4242.5	6427	10.2	134447.7	-4221.0
6158	9.4	130342.2	-4206.4	6248	9.8	131731.3	-4258.0	6338	9.8	133117.8	-4249.6	6428	9.6	134450.6	-4206.7
6159	10.1	130413.2	-4257.4	6249	9.8	131735.8	-4236.8	6339	9.0	133119.1	-4212.5	6429	10.0	134454.3	-4202.3
6160	7.0	130415.1	-4242.1	6250	9.8	131809.3	-4223.0	6340	10.0	133123.0	-4230.9	6430	10.2	134500.1	-4237.4
6161	10.5	130417.6	-4220.5	6251	10.0	131814.3	-4253.8	6341	10.3	133125.0	-4220.8	6431	9.9	134502.7	-4209.1
6162	10.0	130429.1	-4259.9	6252	8.6	131815.8	-4226.2	6342	10.4	133140.1	-4242.1	6432	9.8	134505.7	-4230.2
6163	10.3	130429.1	-4257.3	6253	9.6	131822.3	-4237.5	6343	10.2	133142.9	-4202.7	6433	9.0	134530.7	-4221.7
6164	10.3	130456.6	-4250.5	6254	9.6	131826.4	-4232.1	6344	10.0	133154.1	-4252.5	6434	10.0	134535.2	-4226.3
6165	10.5	130458.8	-4200.9	6255	10.4	131840.4	-4232.1	6345	10.4	133220.6	-4206.8	6435	10.2	134540.1	-4225.4
6166	9.2	130519.1	-4234.9	6256	8.8	131842.1	-4201.9	6346	10.0	133226.5	-4259.1	6436	9.2	134545.6	-4228.5
6167	9.9	130524.2	-4211.5	6257	10.2	131848.3	-4220.6	6347	10.3	133238.1	-4227.7	6437	9.2	134547.2	-4254.6
6168	9.4	130539.6	-4247.2	6258	8.4	131906.8	-4223.8	6348	10.4	133241.6	-4201.9	6438	9.8	134602.9	-4242.6
6169	7.5	130541.5	-4202.2	6259	9.8	131909.3	-4236.6	6349	10.4	133249.5	-4216.9	6439	9.8	134606.1	-4222.1

6440	9.7	134607.7	-4224.5	6530	9.0	135751.1	-4212.0	6620	10.5	141049.4	-4205.3
6441	9.2	134612.7	-4214.9	6531	9.2	135814.6	-4256.1	6621	10.0	141109.6	-4234.7
6442	9.6	134629.0	-4254.9	6532	9.9	135822.6	-4210.5	6622	9.8	141115.1	-4259.8
6443	10.2	134725.0	-4244.5	6533	7.1	135828.6	-4229.4	6623	10.0	141122.1	-4243.0
6444	10.0	134725.9	-4204.4	6534	9.7	135835.1	-4247.2	6624	10.2	141128.6	-4237.9
6445	10.0	134733.7	-4205.5	6535	10.2	135850.1	-4209.0	6625	10.4	141145.2	-4227.9
6446	10.0	134739.0	-4237.4	6536	10.0	135851.1	-4239.2	6626	7.4	141219.2	-4228.7
6447	9.5	134740.1	-4246.5	6537	9.0	135853.8	-4252.0	6627	10.0	141245.1	-4246.1
6448	10.2	134742.1	-4240.7	6538	9.2	135854.3	-4226.4	6628	10.4	141250.1	-4205.5
6449	9.0	134759.7	-4230.6	6539	10.0	135915.1	-4256.2	6629	9.6	141254.1	-4242.7
6450	8.3	134800.1	-4200.7	6540	10.2	135923.9	-4259.8	6630	9.0	141258.1	-4210.3
6451	9.0	134802.1	-4219.3	6541	10.0	135930.1	-4243.7	6631	10.6	141311.1	-4241.2
6452	8.0	134816.6	-4234.9	6542	9.8	135950.1	-4239.0	6632	8.5	141329.6	-4254.8
6453	10.2	134839.0	-4223.8	6543	10.0	135956.1	-4227.9	6633	8.9	141331.6	-4243.4
6454	9.7	134845.9	-4214.2	6544	9.7	135959.4	-4203.5	6634	10.5	141341.6	-4234.9
6455	9.9	134852.6	-4253.8	6545	8.2	140008.3	-4249.9	6635	10.6	141348.1	-4213.9
6456	9.4	134853.7	-4203.0	6546	10.2	140012.8	-4252.7	6636	9.4	141357.6	-4233.6
6457	9.9	134856.7	-4241.3	6547	10.2	140017.6	-4220.2	6637	9.4	141358.6	-4245.9
6458	10.2	134900.1	-4257.3	6548	10.0	140023.1	-4251.3	6638	10.4	141405.1	-4213.8
6459	9.5	134901.1	-4222.7	6549	10.2	140024.1	-4242.1	6639	10.2	141415.1	-4253.2
6460	10.0	134915.1	-4242.4	6550	10.2	140025.1	-4227.5	6640	9.8	141416.1	-4236.6
6461	9.9	134917.0	-4257.6	6551	9.0	140025.6	-4223.7	6641	10.2	141426.6	-4243.7
6462	10.2	134922.1	-4232.6	6552	10.2	140027.6	-4210.0	6642	10.0	141431.3	-4256.2
6463	10.0	134939.6	-4222.6	6553	10.2	140043.6	-4227.3	6643	9.8	141449.1	-4220.6
6464	9.7	134950.1	-4236.2	6554	9.4	140057.1	-4210.7	6644	10.6	141456.1	-4230.4
6465	10.2	135014.3	-4212.1	6555	8.0	140101.1	-4200.2	6645	10.6	141457.1	-4246.8
6466	10.2	135028.6	-4254.6	6556	10.2	140107.3	-4228.5	6646	10.0	141505.1	-4255.4
6467	10.2	135031.1	-4227.1	6557	6.7	140107.8	-4252.5	6647	10.6	141507.1	-4255.2
6468	9.0	135041.1	-4239.3	6558	9.4	140108.0	-4228.9	6648	10.0	141509.6	-4249.4
6469	10.0	135059.6	-4239.0	6559	10.6	140111.6	-4205.2	6649	10.6	141517.6	-4206.4
6470	8.8	135102.0	-4223.2	6560	10.5	140119.2	-4223.4	6650	10.0	141517.6	-4234.2
6471	10.0	135103.8	-4230.9	6561	10.6	140135.8	-4215.4	6651	10.0	141535.1	-4214.4
6472	8.1	135116.6	-4205.6	6562	10.4	140146.1	-4255.6	6652	9.4	141540.1	-4215.4
6473	10.0	135119.1	-4233.0	6563	10.0	140148.6	-4227.8	6653	9.8	141546.4	-4212.5
6474	9.2	135121.1	-4249.4	6564	9.2	140208.6	-4239.5	6654	10.6	141547.6	-4227.0
6475	10.0	135124.1	-4224.3	6565	10.2	140209.2	-4214.7	6655	10.2	141559.6	-4204.3
6476	10.2	135124.1	-4222.3	6566	9.2	140300.5	-4243.7	6656	10.5	141559.6	-4214.8
6477	10.2	135137.1	-4234.9	6567	9.2	140302.5	-4220.0	6657	10.4	141620.1	-4251.1
6478	9.8	135141.1	-4204.7	6568	10.2	140303.8	-4237.5	6658	9.0	141642.1	-4201.5
6479	9.6	135144.1	-4219.2	6569	10.2	140318.6	-4210.8	6659	10.5	141648.1	-4215.0
6480	9.8	135149.1	-4222.5	6570	10.0	140323.3	-4227.4	6660	10.6	141649.4	-4213.7
6481	9.0	135151.1	-4208.7	6571	10.2	140420.5	-4210.7	6661	10.2	141712.1	-4218.9
6482	9.4	135153.6	-4242.3	6572	10.6	140438.6	-4251.9	6662	9.7	141739.6	-4256.5
6483	9.0	135217.6	-4243.1	6573	9.7	140439.6	-4258.2	6663	10.6	141810.6	-4233.7
6484	10.2	135232.0	-4233.2	6574	10.0	140440.5	-4255.3	6664	9.8	141819.1	-4250.4
6485	9.2	135234.6	-4245.4	6575	8.1	140447.3	-4246.1	6665	10.4	141833.6	-4220.1
6486	9.7	135243.1	-4229.6	6576	10.4	140449.2	-4201.8	6666	9.8	141909.1	-4200.8
6487	9.5	135252.1	-4238.8	6577	9.8	140449.8	-4200.0	6667	10.1	141911.6	-4230.0
6488	9.8	135307.1	-4225.4	6578	10.6	140453.5	-4211.0	6668	10.6	141912.1	-4247.3
6489	9.8	135314.6	-4242.5	6579	10.6	140455.1	-4220.0	6669	10.5	141922.1	-4232.5
6490	10.2	135328.2	-4222.7	6580	9.4	140500.6	-4218.0	6670	10.1	141922.8	-4259.9
6491	10.2	135332.0	-4238.5	6581	8.6	140508.6	-4209.2	6671	10.5	141934.6	-4204.6
6492	10.2	135332.1	-4248.1	6582	10.2	140527.1	-4235.9	6672	10.4	141959.9	-4227.1
6493	10.2	135332.9	-4220.0	6583	9.3	140534.6	-4247.9	6673	10.6	142001.6	-4216.7
6494	9.9	135342.0	-4211.6	6584	10.2	140537.2	-4205.0	6674	10.6	142010.6	-4246.1
6495	10.0	135342.1	-4203.3	6585	10.6	140600.6	-4226.8	6675	9.4	142017.1	-4248.0
6496	10.2	135343.6	-4241.8	6586	10.6	140635.7	-4212.2	6676	9.4	142018.6	-4211.4
6497	10.0	135348.1	-4225.8	6587	10.4	140638.2	-4228.2	6677	10.0	142019.1	-4201.4
6498	10.0	135349.1	-4219.0	6588	10.1	140643.2	-4218.8	6678	10.6	142019.7	-4219.1
6499	9.8	135406.1	-4201.3	6589	9.0	140648.6	-4205.6	6679	10.0	142036.6	-4211.3
6500	8.8	135418.1	-4248.5	6590	10.0	140708.2	-4231.1	6680	10.6	142036.6	-4204.9
6501	9.8	135423.1	-4251.7	6591	10.0	140709.6	-4240.1	6681	10.6	142036.7	-4204.9
6502	10.2	135433.1	-4234.6	6592	9.8	140725.1	-4249.0	6682	10.6	142047.7	-4205.0
6503	9.8	135434.4	-4212.3	6593	10.5	140727.5	-4253.9	6683	10.6	142049.9	-4222.0
6504	9.7	135439.1	-4212.6	6594	9.2	140730.2	-4213.2	6684	10.2	142052.7	-4254.5
6505	9.2	135442.1	-4225.5	6595	9.8	140740.6	-4249.2	6685	10.2	142106.0	-4208.8
6506	10.2	135456.1	-4238.0	6596	10.6	140746.2	-4217.7	6686	8.8	142110.7	-4248.0
6507	9.2	135459.1	-4205.3	6597	10.2	140752.7	-4208.7	6687	10.6	142138.6	-4229.1
6508	9.8	135540.1	-4235.0	6598	10.6	140759.6	-4249.6	6688	10.5	142144.9	-4234.4
6509	10.0	135546.1	-4216.4	6599	10.5	140810.6	-4230.9	6689	10.6	142155.8	-4259.7
6510	8.5	135550.1	-4234.0	6600	10.2	140829.6	-4224.4	6690	10.4	142205.1	-4256.4
6511	9.8	135552.1	-4217.3	6601	10.2	140831.2	-4221.5	6691	9.0	142212.8	-4259.3
6512	10.2	135557.1	-4243.4	6602	10.0	140831.4	-4224.8	6692	10.2	142213.0	-4215.4
6513	10.2	135602.1	-4247.0	6603	10.2	140833.2	-4203.0	6693	9.8	142231.9	-4256.1
6514	8.4	135611.1	-4223.5	6604	8.4	140843.1	-4241.4	6694	9.8	142258.9	-4216.1
6515	9.8	135616.8	-4224.7	6605	10.5	140910.2	-4244.0	6695	10.6	142309.9	-4226.5
6516	9.5	135619.6	-4256.0	6606	10.0	140913.2	-4203.1	6696	10.4	142328.6	-4243.9
6517	9.8	135622.1	-4220.2	6607	8.5	140916.7	-4216.7	6697	8.2	142345.6	-4231.7
6518	8.8	135622.6	-4204.2	6608	10.2	140928.6	-4223.8	6698	9.8	142442.6	-4220.1
6519	8.8	135623.1	-4248.1	6609	10.2	140947.2	-4251.9	6699	9.7	142444.1	-4241.7
6520	10.2	135635.6	-4251.1	6610	10.4	140959.2	-4237.8	6700	9.8	142449.9	-4233.5
6521	9.2	135636.6	-4211.0	6611	7.6	141005.5	-4200.6	6701	9.5	142458.6	-4215.0
6522	9.8	135651.6	-4226.2	6612	10.2	141008.6	-4219.6	6702	10.5	142513.0	-4210.2
6523	8.6	135735.1	-4215.5	6613	10.2	141014.6	-4206.0	6703	10.1	142520.6	-4242.4
6524	9.6	135740.3	-4202.1	6614	10.2	141020.4	-4228.8	6704	10.0	142528.6	-4223.2
6525	8.8	135741.2	-4214.6	6615	9.0	141028.6	-4239.6	6705	10.5	142538.6	-4221.0
6526	8.4	135743.2	-4247.2	6616	10.1	141031.2	-4204.8	6706	10.5	142538.9	-4219.8
6527	10.2	135746.1	-4235.6	6617	10.0	141031.6	-4222.5	6707	10.2	142557.6	-4206.8
6528	9.6	135750.1	-4251.5	6618	10.0	141042.4	-4225.5	6708	9.2	142606.9	-4206.9
6529	10.2	135750.1	-4216.2	6619	10.0	141046.2	-4245.0	6709	9.8	142610.9	-4244.5
6710	10.6	142611.9	-4246.0								
6711	9.8	142616.1	-4222.4								
6712	10.2	142620.2	-4233.5								
6713	8.9	142622.6	-4237.7								
6714	10.0	142632.9	-4229.4								
6715	9.0	142704.9	-4236.1								
6716	10.0	142712.4	-4231.6								
6717	10.2	142717.4	-4255.3								
6718	9.8	142721.9	-4235.6								
6719	9.1	142741.7	-4235.8								
6720	10.0	142743.4	-4212.1								
6721	8.2	142748.1	-4217.0								
6722	9.9	142753.7	-4219.1								
6723	10.0	142809.9	-4227.1								
6724	9.4	142820.0	-4208.9								
6725	10.0	142842.9	-4219.2								
6726	9.3	142904.5	-4238.5								
6727	9.8	142910.0	-4234.7								
6728	9.0	142920.3	-4250.0								
6729	10.2	142929.4	-4257.7								
6730	7.6	142937.1	-4233.8								
6731	9.3	143001.9	-4243.1								
6732	9.5	143002.4	-4200.2								
6733	9.1	143012.9	-4236.9								
6734	10.0	143024.2	-4242.0								
6735	7.6	143035.2	-4249.4								
6736	10.0	143038.1	-4208.1								
6737	9.9	143038.1	-4246.7								
6738	10.0	143042.6	-4216.7								
6739	8.2	143048.5	-4227.3								
6740	8.8	143123.1	-4213.2								
6741	10.0	143128.1	-4235.9								
6742	9.1	143128.5	-4201.9								
6743	9.5	143130.5	-4253.9								
6744	9.8	143138.5	-4202.7								
6745	9.8	143151.1	-4226.3								
6746	8.6	143156.6	-4254.4								
6747	9.3	143222.1	-4222.1								
6748	8.5	143231.1	-4207.7								
6749	8.5	143236.6	-4249.9								
6750	9.9	143239.2	-4258.2								
6751	9.4	143239.6	-4254.4								
6752	9.6	143242.3	-4254.6								
6753	8.8	143245.1	-4214.6								
6754	9.8	143245.7	-4200.1								
6755	9.5	143253.5	-4243.7								
6756	9.0	143301.5	-4253.1								
6757	9.6	143313.1	-4259.7								
6758	9.9	143315.5	-4204.0								
6759	10.0	143316.	-4209.6								
6760	10.0	143317.5	-4220.5								
6761	9.8	143336.1	-4207.7								
6762	10.0	143346.1	-4219.8								
6763	9.6	143351.1	-4234.9								
6764	9.6	143407.4	-4247.9								
6765	7.8	143408.3	-4214.9								
6766	10.0	143426.6	-4256.4								
6767	10.0	143428.6	-4201.8								
6768	10.0	143449.3	-4233.8								
6769	9.9	143453.9	-4208.0								
6770	9.8	143519.1	-4207.3								
6771	9.8	143530.4	-4217.8								
6772	9.6	143543.7	-4211.1								
6773	10.0	143553.3	-4236.3								
6774	9.2	143557.8	-4246.1								
6775	10.0	143609.8	-4223.7								
6776	9.3	143625.4	-4224.9								
6777	10.2	143629.9	-4208.3								
6778	9.6	143638.6	-4238.7								
6779	10.0	143640.6	-4203.4								
6780	9.9	143650.3	-4216.4								
6781	9.9	143652.5	-4257.8								
6782	9.8	143657.7	-4222.9								
6783	9.8	143705.4	-4230.2								
6784	9.9	143705.7	-4211.1								
6785	9.6	143706.2	-4220.8								
6786	8.8	143714.4	-4212.5								
6787	10.0	143722.2	-4234.5								
6788	9.9	143724.7	-4237.5								
6789	9.5	143742.7	-4253.6								
6790	9.9	143746.4	-4244.6								
6791	9.3	143750.0	-4247.5								
6792	8.4	143751.8	-4246.5								
6793	10.0	143759.7	-4227.8								
6794	10.2	143809.2	-4259.7								
6795	9.6	143826.2	-4204.1								
6796	9.1	143833.0	-4238.0								
6797	10.0	143849.8	-4235.5								
6798	9.3	143901.5	-4222.0								
6799	9.9	143902.5	-4241.3								

-42 6800 14h39m

-42 7159 15h36m

6800	9.4	143909.5	-4221.8	6890	10.1	145532.4	-4259.1	6980	10.1	150827.0	-4206.2	7070	9.6	152021.2	-4244.7
6801	10.0	143912.7	-4253.8	6891	10.0	145548.9	-4207.8	6981	10.1	150833.5	-4239.0	7071	10.0	152100.9	-4210.5
6802	9.2	143916.0	-4248.8	6892	9.8	145553.3	-4234.3	6982	9.8	150834.5	-4211.8	7072	9.5	152121.5	-4222.0
6803	9.6	143940.0	-4249.1	6893	10.0	145558.8	-4206.7	6983	10.1	150839.0	-4217.6	7073	9.4	152133.5	-4242.9
6804	8.4	143941.0	-4208.4	6894	9.5	145614.8	-4219.5	6984	9.8	150840.5	-4258.8	7074	9.3	152143.0	-4237.2
6805	9.9	143955.5	-4218.9	6895	10.1	145631.8	-4252.8	6985	10.1	150901.5	-4207.6	7075	9.2	152154.5	-4253.7
6806	9.5	144020.0	-4218.9	6896	8.7	145650.3	-4238.5	6986	8.2	150907.5	-4255.2	7076	9.2	152236.5	-4256.6
6807	8.8	144022.0	-4208.2	6897	9.5	145718.6	-4205.4	6987	10.1	150909.8	-4258.9	7077	9.6	152237.0	-4210.3
6808	9.8	144030.0	-4253.2	6898	9.8	145730.3	-4208.2	6988	10.0	150911.0	-4210.4	7078	9.0	152248.0	-4243.0
6809	10.0	144036.8	-4257.3	6899	10.1	145737.8	-4249.2	6989	9.2	150916.0	-4237.1	7079	9.2	152304.5	-4253.6
6810	10.0	144037.9	-4222.8	6900	10.0	145739.8	-4224.9	6990	10.1	150917.2	-4224.6	7080	9.6	152312.5	-4209.7
6811	9.9	144042.8	-4231.0	6901	10.0	145742.3	-4233.3	6991	9.5	150941.5	-4209.2	7081	8.6	152336.0	-4239.1
6812	9.3	144135.8	-4228.8	6902	9.5	145754.8	-4226.1	6992	10.1	150949.5	-4252.8	7082	9.2	152349.5	-4231.2
6813	8.6	144138.8	-4228.5	6903	10.0	145756.3	-4242.1	6993	8.6	150950.3	-4202.1	7083	9.3	152406.5	-4235.3
6814	10.0	144143.3	-4254.7	6904	9.2	145810.3	-4253.8	6994	9.4	150952.0	-4203.5	7084	9.4	152427.0	-4209.0
6815	9.8	144152.9	-4200.1	6905	7.9	145819.3	-4223.8	6995	10.0	151000.0	-4246.9	7085	9.6	152431.5	-4234.6
6816	9.9	144209.8	-4235.7	6906	10.1	145821.3	-4215.0	6996	9.4	151007.0	-4212.4	7086	8.7	152519.0	-4214.3
6817	7.4	144252.3	-4218.0	6907	10.1	145821.8	-4243.0	6997	10.1	151009.5	-4210.2	7087	8.8	152520.5	-4243.2
6818	9.9	144327.8	-4204.6	6908	10.0	145839.8	-4238.3	6998	10.1	151019.5	-4222.3	7088	9.3	152525.5	-4238.1
6819	9.3	144328.8	-4255.3	6909	10.1	145843.3	-4233.8	6999	9.8	151028.5	-4249.9	7089	9.4	152533.0	-4243.7
6820	8.8	144348.8	-4243.9	6910	9.8	145900.3	-4209.9	7000	9.5	151042.0	-4230.6	7090	9.6	152543.5	-4216.0
6821	9.5	144350.2	-4257.3	6911	9.6	145901.3	-4225.4	7001	9.5	151045.5	-4219.8	7091	9.4	152612.0	-4222.1
6822	10.0	144414.3	-4245.1	6912	10.0	145911.6	-4200.3	7002	9.6	151047.1	-4207.8	7092	9.0	152612.0	-4212.0
6823	10.0	144419.8	-4227.9	6913	8.3	145917.3	-4237.3	7003	9.0	151048.3	-4221.3	7093	9.2	152631.0	-4209.5
6824	10.0	144440.6	-4215.8	6914	10.1	145919.8	-4209.4	7004	10.1	151059.5	-4227.3	7094	8.2	152652.0	-4224.4
6825	10.0	144442.3	-4213.0	6915	9.3	145921.8	-4205.6	7005	10.0	151102.5	-4253.1	7095	9.3	152701.7	-4222.1
6826	10.0	144456.0	-4212.6	6916	10.1	150006.3	-4254.9	7006	9.8	151112.3	-4208.7	7096	9.6	152709.5	-4228.9
6827	10.0	144512.1	-4220.0	6917	10.1	150019.8	-4256.6	7007	10.1	151141.2	-4223.5	7097	9.0	152717.5	-4217.8
6828	8.7	144538.6	-4238.8	6918	10.1	150022.3	-4235.2	7008	10.0	151158.0	-4224.2	7098	8.8	152726.0	-4208.7
6829	9.6	144538.8	-4254.0	6919	6.6	150024.8	-4223.0	7009	8.8	151209.5	-4207.0	7099	9.0	152729.0	-4208.3
6830	10.0	144542.6	-4235.5	6920	10.1	150029.3	-4213.9	7010	10.1	151219.5	-4232.1	7100	9.0	152751.5	-4251.6
6831	10.0	144546.1	-4216.5	6921	8.4	150032.3	-4221.8	7011	10.1	151223.9	-4232.9	7101	9.0	152802.0	-4210.5
6832	10.0	144554.6	-4242.3	6922	9.4	150036.3	-4234.4	7012	10.1	151226.4	-4201.2	7102	9.0	152806.5	-4227.2
6833	10.0	144555.1	-4209.3	6923	9.3	150050.3	-4213.4	7013	8.7	151232.0	-4237.6	7103	9.6	152818.5	-4229.0
6834	9.8	144558.0	-4250.0	6924	9.8	150051.8	-4243.1	7014	8.9	151237.5	-4225.9	7104	9.6	152820.0	-4225.2
6835	9.4	144602.8	-4221.0	6925	10.0	150109.3	-4244.9	7015	10.0	151303.4	-4244.0	7105	9.2	152827.0	-4203.2
6836	9.3	144617.0	-4222.0	6926	9.8	150112.8	-4208.0	7016	9.4	151304.4	-4223.5	7106	9.5	152836.0	-4228.3
6837	9.4	144650.6	-4259.0	6927	10.1	150122.8	-4210.7	7017	10.1	151317.0	-4247.3	7107	8.9	152854.0	-4255.3
6838	9.8	144653.0	-4249.7	6928	10.1	150127.8	-4232.5	7018	9.2	151318.9	-4224.9	7108	9.2	152910.5	-4223.9
6839	10.0	144653.5	-4259.6	6929	10.1	150131.8	-4249.9	7019	10.1	151321.4	-4249.3	7109	8.1	152931.0	-4244.5
6840	10.0	144659.1	-4254.2	6930	10.0	150134.8	-4220.0	7020	9.8	151340.2	-4246.2	7110	9.4	152931.0	-4210.1
6841	9.5	144710.1	-4225.2	6931	10.0	150149.6	-4202.1	7021	9.8	151348.9	-4255.4	7111	6.6	152939.0	-4209.3
6842	10.0	144739.1	-4228.2	6932	10.1	150204.7	-4233.1	7022	9.2	151408.3	-4258.9	7112	9.6	152942.5	-4220.4
6843	10.0	144749.1	-4248.2	6933	10.1	150207.2	-4232.8	7023	9.8	151424.4	-4257.9	7113	9.0	152951.0	-4235.2
6844	8.6	144809.1	-4201.4	6934	10.0	150307.7	-4217.9	7024	10.1	151442.9	-4234.8	7114	9.2	152956.8	-4200.0
6845	9.6	144814.6	-4201.4	6935	10.1	150319.7	-4238.6	7025	10.1	151500.9	-4242.2	7115	9.0	152957.5	-4206.1
6846	10.0	144820.6	-4249.7	6936	8.3	150321.2	-4215.0	7026	10.0	151501.7	-4254.9	7116	9.6	153001.0	-4210.0
6847	8.4	144825.1	-4256.9	6937	8.8	150323.5	-4245.6	7027	10.0	151510.0	-4212.9	7117	8.4	153009.0	-4243.9
6848	10.0	144828.6	-4201.9	6938	10.1	150333.5	-4202.9	7028	9.8	151515.9	-4231.5	7118	9.6	153009.5	-4220.3
6849	10.0	144843.1	-4247.9	6939	8.7	150357.3	-4223.1	7029	10.0	151520.2	-4247.8	7119	9.5	153025.0	-4218.4
6850	8.8	144851.1	-4204.7	6940	9.8	150402.2	-4230.4	7030	10.1	151539.0	-4257.4	7120	9.2	153033.0	-4243.8
6851	10.0	144859.9	-4248.3	6941	9.8	150431.7	-4216.9	7031	8.9	151543.9	-4211.8	7121	9.2	153041.0	-4213.3
6852	9.6	144920.1	-4216.7	6942	10.0	150435.2	-4214.4	7032	10.1	151543.9	-4240.5	7122	9.6	153056.0	-4238.8
6853	9.8	144929.1	-4245.3	6943	9.1	150442.7	-4219.6	7033	10.0	151548.9	-4214.4	7123	9.6	153101.7	-4227.4
6854	10.0	144944.4	-4234.5	6944	9.4	150442.9	-4240.1	7034	10.1	151605.9	-4228.7	7124	9.6	153103.5	-4206.7
6855	10.0	144951.4	-4213.8	6945	9.5	150444.5	-4259.5	7035	9.0	151613.4	-4252.7	7125	9.1	153106.0	-4220.9
6856	4.0	145021.4	-4237.6	6946	10.0	150450.7	-4222.7	7036	10.1	151624.4	-4249.7	7126	9.6	153112.7	-4222.4
6857	9.9	145041.3	-4245.4	6947	10.1	150506.2	-4210.7	7037	9.6	151649.4	-4216.0	7127	7.2	153118.0	-4221.3
6858	9.8	145049.1	-4232.7	6948	9.5	150512.1	-4248.8	7038	10.1	151710.9	-4222.8	7128	9.5	153120.5	-4244.6
6859	8.5	145054.1	-4204.1	6949	10.1	150517.5	-4257.2	7039	10.0	151711.4	-4214.6	7129	9.3	153123.0	-4255.1
6860	8.8	145104.1	-4221.8	6950	10.1	150519.7	-4247.8	7040	10.1	151719.4	-4241.2	7130	9.0	153139.0	-4230.6
6861	7.4	145107.2	-4258.2	6951	10.0	150521.7	-4229.9	7041	9.6	151730.0	-4226.0	7131	8.4	153141.0	-4237.6
6862	9.9	145109.4	-4219.2	6952	10.1	150524.1	-4201.2	7042	9.3	151742.2	-4217.7	7132	9.6	153153.7	-4239.1
6863	7.0	145115.9	-4239.3	6953	10.1	150524.2	-4259.9	7043	9.6	151751.9	-4254.9	7133	9.2	153159.0	-4238.1
6864	9.3	145141.4	-4228.8	6954	8.4	150535.9	-4253.1	7044	8.2	151753.0	-4225.1	7134	7.8	153203.5	-4236.1
6865	9.8	145145.1	-4218.9	6955	10.0	150542.7	-4203.9	7045	10.0	151759.9	-4255.4	7135	8.0	153220.0	-4205.4
6866	9.0	145200.4	-4237.2	6956	10.0	150553.1	-4206.4	7046	10.0	151807.9	-4222.5	7136	8.6	153229.0	-4225.0
6867	9.6	145210.4	-4235.1	6957	8.8	150559.7	-4214.0	7047	10.1	151808.9	-4225.7	7137	9.3	153240.2	-4224.5
6868	9.6	145223.4	-4226.4	6958	9.5	150559.7	-4214.2	7048	10.1	151809.4	-4208.7	7138	9.6	153301.1	-4253.5
6869	9.8	145231.9	-4250.6	6959	10.1	150602.7	-4238.5	7049	10.1	151818.4	-4253.8	7139	9.6	153312.6	-4231.5
6870	9.4	145245.2	-4202.4	6960	10.0	150607.9	-4210.6	7050	8.7	151833.4	-4245.1	7140	9.6	153313.1	-4223.5
6871	9.4	145249.1	-4234.4	6961	10.1	150610.2	-4253.9	7051	10.1	151842.9	-4241.0	7141	9.2	153316.8	-4201.1
6872	8.6	145249.5	-4230.0	6962	10.0	150610.2	-4243.1	7052	10.1	151853.9	-4222.0	7142	9.6	153317.7	-4207.4
6873	9.8	145311.5	-4212.6	6963	7.3	150611.2	-4255.0	7053	8.8	151854.2	-4242.7	7143	9.6	153320.7	-4236.2
6874	9.6	145326.0	-4226.7	6964	9.8	150612.6	-4215.6	7054	10.0	151859.4	-4229.3	7144	9.1	153320.7	-4200.8
6875	10.0	145326.5	-4219.0	6965	9.5	150641.1	-4252.6	7055	8.7	151904.9	-4238.8	7145	9.6	153328.2	-4227.0
6876	9.4	145331.5	-4221.2	6966	9.3	150641.2	-4255.2	7056	10.1	151906.9	-4217.6	7146	9.6	153330.7	-4245.8
6877	10.0	145349.5	-4220.6	6967	10.0	150652.2	-4227.5	7057	8.6	151907.2	-4236.7	7147	9.6	153345.7	-4203.2
6878	8.8	145357.0	-4234.5	6968	9.3	150656.2	-4239.3	7058	10.0	151911.9	-4245.9	7148	9.6	153408.2	-4235.4
6879	8.9	145422.2	-4257.5	6969	9.0	150705.7	-4206.7	7059	9.3	151912.2	-4222.1	7149	9.2	153412.6	-4236.0
6880	8.8	145422.7	-4208.0	6970	10.1	150706.2	-4258.5	7060	9.4	151929.0	-4242.8	7150	8.6	153436.8	-4246.3
6881	10.0	145445.5	-4246.6	6971	10.0	150712.2	-4217.4	7061	10.0	151940.2	-4257.7	7151	8.5	153441.2	-4221.5
6882	9.8	145451.3	-4224.0	6972	10.1	150720.2	-4214.6	7062	9.5	151941.4	-4225.2	7152	9.4	153441.2	-4222.0
6883	10.0	145459.9	-4206.8	6973	10.0	150722.0	-4225.7	7063	10.1	151951.9	-4239.7	7153	9.4	153503.8	-4239.5
6884	10.0	145507.7	-4208.7	6974	10.0	150733.5	-4239.1	7064	9.8	151957.9	-4231.3	7154	9.6	153512.8	-4212.0
6885	10.1	145508.7	-4246.7	6975	8.9	150738.1	-4222.5	7065	9.1	151958.4	-4253.5	7155	9.6	153513.2	-4238.8
6886	10.0	145509.7	-4211.1	6976	10.0	150739.0	-4216.2	7066	10.1	151958.9	-4224.9	7156	9.6	153523.2	-4253.1
6887	8.7	145512.3	-4235.8	6977	10.0	150740.0	-4228.5	7067	10.0	152002.4	-4245.9	7157	9.5	153556.9	-4203.4
6888	8.9	145512.9	-4241.6	6978	9.4	150755.0	-4217.7	7068	9.8	152004.1	-4235.0	7158	9.6	153603.7	-4229.7
6889	10.0	145525.4	-4232.0	6979	9.6	150756.5	-4238.8	7069	10.1	152007.4	-4257.3	7159	9.4	153606.2	-4211.5

7160	9.6	153611.7	-4229.6	7250	9.8	154851.2	-4222.2	7340	9.8	160923.2	-4248.1	7430	10.0	162604.9	-4232.6
7161	9.2	153614.1	-4254.1	7251	10.0	154858.1	-4242.4	7341	10.0	160930.4	-4253.0	7431	9.0	162610.7	-4225.9
7162	9.6	153624.7	-4228.3	7252	10.0	154900.4	-4243.2	7342	8.7	160941.2	-4225.6	7432	10.0	162613.7	-4206.9
7163	9.1	153625.2	-4227.1	7253	8.2	154909.4	-4215.2	7343	10.0	160947.7	-4234.0	7433	10.0	162650.4	-4245.5
7164	9.4	153650.1	-4254.5	7254	9.8	154939.6	-4207.4	7344	9.4	160954.2	-4208.6	7434	10.0	162655.9	-4248.0
7165	9.6	153656.2	-4239.3	7255	8.0	154958.1	-4222.6	7345	10.0	160959.9	-4216.0	7435	9.2	162700.4	-4236.5
7166	9.4	153701.1	-4256.3	7256	10.1	155004.1	-4223.0	7346	9.2	160959.9	-4223.8	7436	7.8	162704.7	-4257.0
7167	8.9	153703.6	-4225.9	7257	10.0	155025.1	-4237.8	7347	9.6	161000.9	-4207.8	7437	9.0	162706.7	-4256.8
7168	9.3	153711.0	-4202.4	7258	10.0	155056.6	-4250.4	7348	9.4	161007.9	-4237.8	7438	9.8	162709.9	-4232.3
7169	8.5	153714.2	-4228.3	7259	10.0	155101.2	-4250.9	7349	10.0	161031.9	-4212.1	7439	9.6	162722.7	-4208.9
7170	8.8	153716.7	-4223.6	7260	8.8	155150.6	-4227.7	7350	8.7	161035.4	-4219.0	7440	9.8	162730.7	-4238.3
7171	9.4	153721.2	-4202.4	7261	9.6	155214.1	-4241.1	7351	6.6	161036.8	-4221.8	7441	7.0	162735.5	-4235.7
7172	9.2	153732.1	-4245.6	7262	9.8	155224.1	-4256.5	7352	10.0	161051.9	-4211.2	7442	10.0	162744.4	-4259.4
7173	9.6	153734.2	-4222.8	7263	9.6	155245.1	-4220.0	7353	9.0	161109.9	-4217.6	7443	10.0	162751.1	-4211.9
7174	10.1	153737.7	-4258.3	7264	9.0	155306.6	-4244.4	7354	10.0	161110.9	-4237.7	7444	9.6	162809.8	-4241.2
7175	9.6	153743.7	-4203.1	7265	7.4	155334.1	-4220.4	7355	8.8	161111.9	-4243.1	7445	9.8	162818.1	-4205.7
7176	9.3	153748.7	-4219.9	7266	9.2	155351.1	-4247.3	7356	9.8	161129.9	-4231.8	7446	9.2	162829.4	-4242.9
7177	9.4	153750.9	-4254.5	7267	10.0	155400.9	-4202.3	7357	9.8	161140.6	-4233.3	7447	8.9	162829.4	-4203.7
7178	8.0	153811.4	-4250.3	7268	8.6	155409.4	-4209.1	7358	9.6	161200.5	-4254.1	7448	9.3	162846.4	-4240.0
7179	9.6	153813.0	-4253.4	7269	9.6	155409.4	-4242.1	7359	9.8	161212.9	-4215.8	7449	9.2	162851.8	-4241.5
7180	9.6	153827.9	-4230.1	7270	9.4	155419.4	-4234.9	7360	8.8	161237.2	-4234.5	7450	9.5	162901.8	-4245.2
7181	9.6	153829.9	-4254.0	7271	10.0	155444.4	-4205.2	7361	10.0	161245.2	-4219.7	7451	10.0	162902.4	-4214.4
7182	9.4	153836.4	-4245.2	7272	9.3	155514.4	-4253.6	7362	9.6	161249.7	-4228.8	7452	8.6	162910.4	-4224.5
7183	9.4	153852.9	-4211.1	7273	8.2	155515.4	-4208.4	7363	10.0	161259.5	-4243.3	7453	10.0	162956.4	-4254.5
7184	9.6	153921.9	-4238.2	7274	8.6	155523.4	-4255.9	7364	10.0	161307.8	-4256.3	7454	10.0	162959.9	-4206.5
7185	9.4	153924.0	-4206.3	7275	9.8	155549.4	-4211.8	7365	9.8	161328.4	-4233.3	7455	9.2	163011.4	-4209.3
7186	8.8	153934.2	-4254.8	7276	10.0	155553.9	-4252.0	7366	7.6	161329.8	-4254.0	7456	9.5	163017.9	-4233.5
7187	9.6	153939.9	-4227.1	7277	8.6	155559.1	-4259.7	7367	8.6	161342.5	-4243.0	7457	9.9	163029.9	-4232.1
7188	9.4	153940.9	-4241.1	7278	9.0	155609.4	-4231.4	7368	9.8	161345.2	-4212.9	7458	9.5	163030.9	-4221.9
7189	9.5	153942.2	-4227.3	7279	9.4	155649.4	-4249.8	7369	10.0	161404.5	-4242.7	7459	9.8	163039.9	-4244.2
7190	8.6	153953.4	-4213.8	7280	9.6	155659.4	-4210.5	7370	8.8	161410.2	-4243.2	7460	10.0	163058.9	-4258.1
7191	9.5	154004.0	-4257.1	7281	9.6	155731.3	-4243.7	7371	9.0	161416.7	-4243.1	7461	9.2	163108.9	-4259.6
7192	9.6	154030.9	-4236.4	7282	9.8	155731.4	-4258.4	7372	9.6	161451.0	-4231.8	7462	10.0	163117.9	-4247.3
7193	9.6	154037.6	-4236.1	7283	9.6	155739.4	-4207.2	7373	9.9	161531.9	-4217.2	7463	9.8	163126.9	-4221.9
7194	9.6	154038.9	-4243.9	7284	9.2	155759.4	-4249.9	7374	8.9	161538.4	-4252.9	7464	10.0	163138.2	-4210.1
7195	9.5	154052.0	-4242.4	7285	7.8	155833.4	-4256.9	7375	10.0	161540.3	-4234.1	7465	10.0	163154.9	-4242.3
7196	9.6	154052.0	-4241.1	7286	10.0	155835.4	-4238.0	7376	9.6	161549.3	-4228.5	7466	10.0	163159.9	-4244.2
7197	9.6	154057.4	-4224.2	7287	9.0	155849.4	-4254.8	7377	9.9	161559.6	-4214.9	7467	9.2	163201.8	-4223.3
7198	9.5	154111.4	-4214.6	7288	8.6	155859.4	-4208.1	7378	10.0	161559.8	-4202.1	7468	10.0	163206.9	-4259.2
7199	9.4	154119.9	-4250.2	7289	10.0	155909.4	-4257.2	7379	10.0	161617.2	-4221.4	7469	10.0	163214.9	-4226.0
7200	8.0	154128.4	-4215.8	7290	10.0	155923.4	-4233.3	7380	10.0	161617.7	-4205.1	7470	10.0	163228.1	-4258.8
7201	9.6	154129.9	-4205.4	7291	9.6	155943.9	-4223.6	7381	10.0	161630.8	-4227.9	7471	8.8	163229.9	-4216.6
7202	9.0	154133.2	-4236.2	7292	10.0	160004.4	-4234.6	7382	10.0	161632.7	-4246.9	7472	9.3	163246.3	-4242.0
7203	9.6	154145.2	-4214.0	7293	9.6	160005.4	-4212.3	7383	9.9	161646.7	-4244.9	7473	9.6	163301.4	-4207.9
7204	9.0	154151.4	-4238.8	7294	10.0	160008.4	-4231.4	7384	8.9	161701.4	-4219.9	7474	9.5	163306.0	-4200.5
7205	9.2	154156.4	-4213.8	7295	9.8	160009.4	-4207.4	7385	10.0	161703.9	-4203.9	7475	10.0	163307.4	-4236.1
7206	9.5	154212.7	-4231.0	7296	10.0	160012.3	-4229.8	7386	10.0	161706.9	-4208.3	7476	8.4	163352.2	-4238.5
7207	9.5	154225.0	-4256.5	7297	9.3	160014.4	-4223.6	7387	9.5	161707.3	-4200.5	7477	10.0	163358.9	-4217.0
7208	9.2	154234.7	-4201.7	7298	9.3	160031.2	-4251.8	7388	9.0	161717.3	-4257.3	7478	9.8	163414.4	-4229.8
7209	8.8	154237.4	-4244.0	7299	9.8	160054.4	-4232.7	7389	9.4	161732.3	-4218.2	7479	9.6	163421.4	-4214.7
7210	9.4	154242.4	-4220.6	7300	10.0	160111.3	-4242.2	7390	9.6	161749.3	-4202.9	7480	9.2	163439.0	-4259.0
7211	8.6	154301.4	-4237.5	7301	8.8	160114.4	-4229.1	7391	9.9	161800.8	-4239.4	7481	10.0	163443.0	-4201.9
7212	9.6	154319.2	-4226.8	7302	10.0	160115.4	-4226.1	7392	9.6	161805.9	-4241.2	7482	8.8	163539.3	-4209.2
7213	9.5	154324.2	-4229.8	7303	8.6	160124.7	-4228.1	7393	9.2	161827.9	-4210.9	7483	8.9	163539.3	-4209.3
7214	9.6	154324.9	-4239.3	7304	8.2	160137.7	-4228.9	7394	10.0	161842.3	-4224.2	7484	9.6	163555.4	-4251.8
7215	9.6	154334.1	-4254.8	7305	10.0	160139.7	-4208.6	7395	8.8	161911.5	-4233.5	7485	10.0	163607.9	-4240.5
7216	8.2	154338.1	-4212.7	7306	9.3	160150.7	-4247.3	7396	9.0	161923.8	-4226.0	7486	9.2	163610.4	-4215.3
7217	9.6	154401.7	-4235.9	7307	9.8	160210.2	-4238.4	7397	8.9	161929.0	-4235.9	7487	10.0	163624.9	-4212.9
7218	9.1	154403.2	-4212.8	7308	10.0	160210.7	-4238.0	7398	10.0	162009.3	-4249.4	7488	10.0	163630.0	-4214.3
7219	10.2	154404.6	-4258.2	7309	9.6	160219.7	-4249.6	7399	10.0	162018.1	-4249.1	7489	10.0	163630.9	-4243.8
7220	9.3	154408.1	-4216.1	7310	9.4	160238.2	-4209.0	7400	10.0	162033.1	-4229.0	7490	10.0	163648.2	-4228.8
7221	8.4	154418.7	-4253.2	7311	9.2	160252.3	-4211.7	7401	10.0	162103.0	-4235.2	7491	10.0	163653.7	-4257.9
7222	8.6	154439.7	-4215.6	7312	9.6	160306.6	-4254.2	7402	8.8	162125.0	-4217.7	7492	10.0	163700.6	-4251.4
7223	9.4	154440.9	-4210.0	7313	9.2	160308.7	-4229.2	7403	9.9	162128.1	-4223.6	7493	10.0	163710.7	-4256.4
7224	9.6	154443.1	-4248.9	7314	9.2	160311.2	-4223.6	7404	9.4	162229.3	-4202.4	7494	9.6	163713.6	-4237.8
7225	8.6	154444.1	-4252.7	7315	8.0	160339.7	-4202.8	7405	9.2	162233.5	-4253.9	7495	8.8	163724.7	-4253.0
7226	9.0	154446.2	-4246.4	7316	9.2	160350.2	-4212.5	7406	9.6	162239.2	-4259.6	7496	10.0	163725.2	-4205.4
7227	9.3	154448.1	-4257.9	7317	8.6	160414.4	-4227.6	7407	7.7	162252.0	-4256.7	7497	8.5	163729.4	-4258.8
7228	9.0	154506.1	-4253.5	7318	9.6	160446.6	-4256.8	7408	9.5	162302.0	-4251.7	7498	9.6	163731.6	-4205.2
7229	8.9	154506.2	-4227.9	7319	9.8	160519.7	-4218.8	7409	8.6	162302.3	-4227.8	7499	9.4	163737.7	-4203.6
7230	9.4	154511.7	-4255.2	7320	10.0	160522.7	-4254.6	7410	9.0	162304.1	-4215.3	7500	10.0	163740.2	-4216.2
7231	8.6	154512.2	-4248.1	7321	9.4	160527.6	-4203.6	7411	9.3	162310.7	-4231.0	7501	9.4	163741.6	-4203.0
7232	9.2	154533.1	-4223.5	7322	9.4	160546.2	-4229.8	7412	9.8	162312.2	-4256.8	7502	8.9	163749.4	-4203.9
7233	9.5	154543.6	-4259.6	7323	9.3	160548.7	-4252.4	7413	9.9	162316.2	-4255.7	7503	9.9	163758.2	-4234.2
7234	9.6	154612.1	-4208.1	7324	9.4	160615.7	-4246.0	7414	9.6	162322.2	-4203.1	7504	9.8	163800.6	-4229.8
7235	10.0	154618.2	-4236.5	7325	9.0	160623.2	-4227.0	7415	9.2	162325.6	-4249.3	7505	10.0	163804.7	-4211.8
7236	10.0	154634.2	-4218.7	7326	7.4	160642.7	-4234.8	7416	9.8	162330.6	-4256.8	7506	9.6	163805.2	-4232.8
7237	9.6	154640.1	-4210.7	7327	9.2	160722.4	-4240.9	7417	9.4	162344.2	-4249.2	7507	9.4	163810.7	-4205.2
7238	7.2	154643.6	-4213.9	7328	7.5	160726.7	-4248.5	7418	10.0	162355.2	-4207.0	7508	9.2	163818.4	-4258.8
7239	10.0	154645.8	-4254.7	7329	9.2	160726.7	-4251.2	7419	9.8	162359.2	-4223.8	7509	9.8	163828.2	-4201.4
7240	8.2	154647.9	-4208.9	7330	10.0	160727.7	-4212.0	7420	9.2	162417.6	-4210.1	7510	9.9	163832.6	-4245.4
7241	8.2	154649.4	-4258.1	7331	9.8	160757.7	-4259.6	7421	9.6	162430.7	-4203.6	7511	9.0	163832.7	-4252.4
7242	9.6	154659.6	-4254.7	7332	9.3	160814.7	-4243.1	7422	10.0	162445.6	-4220.4	7512	8.0	163844.7	-4238.7
7243	10.0	154659.8	-4223.9	7333	9.4	160839.7	-4258.5	7423	9.2	162459.2	-4209.2	7513	9.2	163849.7	-4236.2
7244	8.4	154744.1	-4206.7	7334	8.7	160840.7	-4231.4	7424	9.9	162509.2	-4221.5	7514	9.2	163855.7	-4212.0
7245	9.8	154748.9	-4247.6	7335	9.0	160850.7	-4220.7	7425	8.7	162509.6	-4237.1	7515	10.0	163901.3	-4254.4
7246	9.6	154756.4	-4247.3	7336	8.0	160857.7	-4242.2	7426	10.0	162524.7	-4254.3	7516	9.6	163907.2	-4239.2
7247	9.2	154807.4	-4211.5	7337	9.3	160909.5	-4201.5	7427	8.4	162526.7	-4229.4	7517	10.0	163909.7	-4258.7
7248	9.4	154808.6	-4216.2	7338	9.8	160913.7	-4208.0	7428	9.5	162538.4	-4221.5	7518	9.3	163939.4	-4245.7
7249	9.2	154824.4	-4231.0	7339	9.8	160919.7	-4257.8	7429	10.0	162539.2	-4225.8	7519	9.6	163948.6	-4243.2

-42 7520 16h39m

-42 7879 17h30m

7520	9.6	163959.9	-4257.8	7610	10.4	165521.4	-4220.6	7700	10.4	170646.2	-4240.8
7521	10.0	164006.6	-4240.8	7611	10.4	165526.7	-4250.2	7701	9.8	170650.0	-4235.9
7522	10.0	164008.4	-4246.0	7612	10.4	165601.4	-4257.8	7702	9.6	170707.5	-4221.1
7523	9.6	164009.5	-4216.6	7613	10.4	165621.4	-4223.0	7703	9.4	170711.8	-4222.7
7524	10.0	164032.2	-4259.0	7614	9.8	165632.7	-4257.7	7704	8.4	170715.5	-4238.8
7525	9.9	164038.6	-4208.6	7615	9.2	165634.7	-4200.0	7705	9.7	170723.5	-4232.2
7526	9.8	164052.6	-4216.4	7616	8.4	165639.9	-4214.4	7706	9.7	170725.2	-4221.4
7527	7.5	164104.6	-4253.0	7617	10.4	165642.9	-4222.4	7707	7.3	170725.8	-4211.6
7528	10.4	164105.9	-4201.0	7618	9.2	165644.9	-4205.9	7708	9.5	170726.5	-4248.2
7529	9.4	164111.0	-4236.4	7619	10.4	165657.4	-4234.1	7709	9.7	170728.3	-4213.1
7530	9.6	164147.9	-4206.2	7620	10.4	165700.3	-4235.1	7710	8.2	170731.8	-4231.4
7531	10.4	164155.9	-4213.3	7621	10.4	165703.8	-4257.9	7711	8.4	170830.3	-4211.7
7532	10.4	164159.9	-4202.0	7622	10.0	165704.8	-4200.6	7712	9.5	170831.8	-4231.1
7533	10.4	164232.9	-4232.3	7623	9.2	165712.9	-4245.4	7713	7.5	170908.8	-4245.4
7534	9.8	164256.4	-4224.0	7624	10.2	165713.9	-4224.2	7714	9.6	170922.8	-4248.1
7535	10.0	164309.0	-4237.5	7625	10.0	165716.4	-4236.1	7715	9.1	170928.8	-4248.1
7536	10.2	164319.9	-4224.5	7626	10.4	165722.4	-4239.0	7716	9.6	170928.8	-4209.5
7537	9.4	164337.9	-4201.7	7627	9.2	165722.9	-4225.4	7717	8.7	170929.3	-4247.6
7538	7.2	164339.9	-4246.6	7628	10.4	165726.9	-4223.3	7718	7.7	170930.3	-4250.6
7539	9.2	164349.9	-4203.9	7629	10.2	165731.8	-4217.5	7719	8.7	170945.2	-4251.2
7540	9.8	164411.9	-4248.2	7630	10.4	165733.4	-4207.9	7720	7.6	170949.7	-4245.2
7541	10.4	164439.9	-4226.3	7631	9.0	165746.4	-4210.3	7721	9.4	171009.2	-4224.5
7542	7.6	164450.0	-4250.3	7632	9.2	165800.9	-4226.2	7722	9.6	171029.7	-4247.6
7543	9.6	164451.4	-4225.4	7633	10.4	165801.3	-4248.3	7723	9.9	171038.8	-4259.1
7544	9.4	164501.4	-4239.0	7634	10.2	165807.4	-4221.4	7724	9.5	171059.9	-4257.2
7545	5.7	164510.9	-4209.0	7635	8.6	165809.9	-4239.8	7725	9.7	171100.2	-4243.1
7546	9.4	164511.0	-4226.0	7636	8.8	165811.6	-4258.6	7726	9.4	171109.2	-4236.0
7547	9.8	164517.0	-4259.2	7637	9.4	165812.1	-4257.2	7727	10.0	171111.1	-4257.0
7548	7.0	164537.9	-4216.1	7638	10.4	165841.8	-4243.9	7728	9.7	171117.7	-4227.7
7549	6.2	164547.9	-4208.7	7639	10.4	165845.9	-4244.5	7729	9.7	171121.7	-4228.2
7550	10.3	164551.4	-4250.6	7640	10.4	165847.4	-4210.5	7730	10.0	171133.1	-4256.8
7551	8.6	164555.9	-4215.9	7641	10.4	165847.9	-4245.7	7731	8.3	171153.7	-4231.6
7552	10.4	164610.9	-4244.3	7642	7.8	165849.9	-4234.9	7732	8.4	171159.2	-4231.1
7553	8.8	164614.2	-4235.9	7643	10.4	165851.5	-4259.7	7733	8.6	171203.7	-4236.8
7554	10.3	164620.2	-4254.7	7644	7.8	165853.4	-4248.3	7734	9.7	171214.2	-4250.0
7555	10.4	164649.4	-4248.2	7645	10.3	165911.9	-4203.8	7735	9.6	171226.7	-4217.5
7556	9.4	164650.9	-4254.4	7646	10.4	165929.9	-4228.4	7736	9.7	171229.7	-4217.1
7557	10.3	164658.4	-4210.5	7647	9.8	165930.8	-4241.2	7737	8.7	171237.7	-4214.2
7558	9.8	164659.9	-4222.8	7648	8.3	165946.9	-4231.5	7738	9.5	171246.7	-4212.9
7559	8.1	164700.0	-4252.0	7649	10.0	165949.9	-4241.2	7739	9.0	171251.7	-4236.6
7560	10.4	164703.8	-4203.0	7650	10.4	165955.6	-4232.3	7740	9.4	171254.7	-4244.0
7561	8.8	164716.9	-4211.0	7651	10.0	165958.4	-4235.5	7741	7.7	171304.7	-4203.2
7562	8.5	164718.0	-4223.9	7652	10.2	170000.4	-4202.7	7742	9.7	171308.7	-4203.7
7563	9.6	164723.0	-4222.4	7653	10.0	170000.8	-4256.2	7743	9.6	171309.7	-4224.2
7564	9.6	164726.9	-4211.1	7654	9.8	170005.6	-4210.0	7744	9.4	171333.2	-4249.9
7565	10.4	164733.0	-4245.2	7655	10.4	170007.6	-4252.0	7745	8.4	171418.3	-4242.2
7566	9.4	164733.4	-4201.8	7656	10.4	170010.9	-4203.3	7746	8.7	171420.8	-4223.0
7567	10.4	164735.9	-4221.5	7657	9.0	170011.8	-4233.1	7747	9.3	171423.8	-4214.6
7568	10.3	164752.9	-4203.0	7658	9.8	170012.9	-4250.2	7748	9.2	171528.3	-4204.1
7569	8.4	164754.0	-4209.7	7659	10.3	170013.6	-4226.1	7749	9.6	171536.3	-4202.4
7570	9.8	164759.2	-4254.4	7660	9.6	170029.9	-4214.8	7750	9.6	171605.3	-4237.7
7571	9.4	164801.7	-4235.3	7661	8.2	170039.8	-4252.2	7751	10.0	171620.3	-4259.1
7572	9.2	164802.9	-4223.3	7662	8.8	170040.4	-4248.1	7752	9.4	171621.8	-4216.8
7573	7.9	164811.4	-4244.8	7663	10.4	170056.4	-4244.2	7753	9.7	171624.8	-4232.3
7574	9.0	164811.7	-4204.2	7664	9.2	170113.9	-4225.1	7754	10.0	171627.3	-4257.7
7575	10.2	164821.7	-4248.1	7665	10.3	170131.8	-4234.1	7755	9.6	171628.3	-4224.8
7576	8.3	164827.4	-4212.1	7666	10.3	170159.9	-4251.1	7756	9.2	171628.8	-4210.0
7577	9.8	164844.3	-4251.3	7667	10.4	170203.9	-4205.7	7757	9.1	171629.8	-4220.0
7578	10.2	164919.4	-4249.8	7668	10.4	170207.7	-4258.7	7758	9.4	171637.3	-4223.1
7579	8.1	164930.4	-4248.4	7669	10.4	170216.2	-4220.5	7759	9.1	171642.8	-4208.1
7580	10.0	164931.4	-4231.8	7670	10.3	170232.7	-4223.6	7760	9.2	171701.8	-4209.9
7581	10.3	164941.4	-4234.9	7671	10.3	170234.5	-4200.7	7761	8.4	171704.8	-4226.4
7582	10.0	164952.4	-4244.5	7672	10.3	170237.7	-4237.6	7762	8.9	171740.8	-4258.9
7583	10.0	165000.4	-4227.1	7673	10.2	170241.2	-4200.0	7763	9.7	171741.8	-4209.4
7584	9.8	165000.4	-4210.4	7674	10.3	170245.7	-4204.1	7764	9.7	171745.3	-4258.7
7585	10.2	165031.9	-4235.9	7675	9.6	170248.7	-4242.5	7765	8.4	171749.8	-4207.0
7586	9.4	165036.9	-4251.3	7676	10.4	170252.2	-4229.3	7766	9.7	171752.8	-4238.9
7587	10.3	165049.9	-4218.5	7677	9.4	170300.5	-4211.8	7767	9.6	171806.8	-4214.9
7588	10.4	165050.4	-4244.6	7678	10.4	170305.2	-4250.1	7768	10.0	171824.3	-4259.5
7589	10.4	165112.5	-4235.3	7679	10.3	170311.7	-4231.4	7769	9.6	171858.3	-4237.7
7590	8.6	165134.9	-4207.5	7680	10.4	170318.2	-4228.1	7770	9.7	171900.0	-4257.2
7591	10.2	165136.7	-4225.1	7681	9.4	170321.7	-4231.2	7771	8.4	171900.3	-4217.7
7592	10.2	165154.4	-4255.6	7682	8.2	170323.7	-4257.4	7772	9.5	171900.8	-4245.7
7593	10.0	165156.4	-4240.8	7683	10.4	170327.7	-4206.5	7773	9.6	171907.8	-4209.9
7594	10.2	165235.4	-4205.0	7684	10.4	170353.7	-4216.2	7774	9.6	171918.8	-4244.7
7595	9.4	165238.9	-4200.0	7685	10.4	170354.5	-4217.3	7775	9.7	171919.3	-4204.5
7596	9.2	165305.4	-4220.8	7686	10.4	170359.2	-4234.4	7776	9.5	171934.8	-4231.5
7597	9.8	165313.5	-4206.3	7687	7.9	170407.2	-4228.6	7777	9.5	171938.3	-4241.0
7598	8.8	165321.4	-4226.3	7688	9.6	170418.2	-4238.0	7778	9.1	171941.3	-4224.9
7599	9.4	165356.4	-4203.9	7689	10.2	170432.0	-4247.6	7779	8.6	171953.3	-4234.7
7600	10.4	165359.9	-4256.3	7690	10.4	170439.7	-4229.8	7780	8.4	171954.3	-4226.1
7601	9.4	165404.5	-4256.0	7691	10.4	170507.7	-4230.8	7781	8.9	172006.3	-4230.1
7602	9.2	165409.9	-4248.4	7692	10.3	170512.7	-4232.3	7782	9.2	172009.3	-4219.7
7603	10.4	165423.0	-4200.0	7693	9.8	170548.0	-4217.9	7783	9.2	172009.3	-4253.0
7604	9.8	165423.2	-4202.0	7694	9.6	170551.6	-4206.4	7784	9.7	172015.8	-4203.9
7605	10.4	165429.9	-4249.7	7695	10.4	170559.7	-4237.3	7785	9.6	172018.8	-4256.8
7606	10.2	165433.5	-4215.4	7696	10.0	170602.4	-4257.8	7786	9.7	172019.8	-4207.8
7607	10.4	165447.5	-4241.1	7697	9.8	170625.6	-4219.2	7787	8.5	172023.3	-4213.6
7608	10.2	165507.4	-4247.2	7698	8.5	170630.4	-4220.0	7788	8.5	172039.3	-4229.9
7609	10.3	165519.9	-4253.6	7699	8.5	170636.6	-4237.8	7789	9.7	172100.8	-4212.5
7790	9.0	172101.8	-4208.1	7880	9.6	172949.3	-4219.7
7791	9.7	172102.8	-4212.8	7871	9.6	172950.3	-4247.9
7792	8.2	172107.3	-4213.6	7872	9.1	172957.3	-4222.2
7793	8.7	172109.8	-4221.0	7873	8.8	173001.3	-4244.7
7794	8.8	172118.3	-4248.5	7874	9.5	173012.8	-4225.0
7795	9.6	172121.3	-4204.6	7875	9.5	173014.3	-4202.9
7796	9.6	172128.3	-4255.3	7876	9.5	173028.3	-4233.3
7797	9.6	172133.8	-4202.8	7877	9.1	173032.8	-4209.6
7798	9.6	172136.8	-4257.8	7878	8.0	173033.8	-4254.1
7799	8.0	172140.8	-4257.6	7879	8.4	173036.8	-4241.7
7800	8.0	172151.3	-4221.2				
7801	8.9	172155.8	-4240.1				
7802	8.4	172156.8	-4205.1				
7803	9.6	172207.3	-4249.6				
7804	9.6	172212.3	-4247.1				
7805	9.6	172232.8	-4213.2				
7806	8.8	172235.3	-4219.0				
7807	9.7	172239.8	-4232.7				
7808	9.7	172241.3	-4211.7				
7809	8.7	172300.3	-4221.8				
7810	9.7	172314.3	-4250.9				
7811	8.1	172325.8	-4205.0				
7812	8.2	172347.3	-4216.0				
7813	8.2	172401.3	-4200.8				
7814	9.6	172419.3	-4210.9				
7815	9.2	172420.3	-4208.5				
7816	9.6	172420.3	-4223.0				
7817	7.7	172433.8	-4218.1				
7818	9.6	172438.3	-4222.1				
7819	9.0	172440.3	-4235.5				
7820	9.6	172442.3	-4204.6				
7821	9.6	172446.3	-4208.7				
7822	8.9	172449.8	-4234.7				
7823	9.4	172451.8	-4242.1				
7824	9.4	172459.3	-4223.1				
7825	9.7	172510.8	-4258.7				
7826	9.7	172511.3	-4259.3				
7827	9.6	172523.8	-4258.9				
7828	8.8	172526.3	-4248.9				
7829	9.6	172535.8	-4218.6				
7830	9.7	172547.8	-4258.9				
7831	9.6	172551.3	-4245.9				
7832	7.8	172556.8	-4249.7				
7833	8.3	172601.3	-4255.8				
7834	9.7	172603.3	-4217.5				
7835	9.6	172621.3	-4230.2				
7836	9.3	172633.8	-4239.9				
7837	9.0	172636.3	-4220.5				
7838	9.6	172638.1	-4201.1				
7839	8.9	172638.3	-4257.3				
7840	9.3	172659.8	-4215.3				
7841	9.6	172704.8	-4233.9				
7842	9.5	172719.3	-4217.1				
7843	8.8	172722.8	-4244.1				
7844	8.0	172725.3	-4239.6				
7845	9.7	172725.8	-4206.8				
7846	9.6	172727.8	-4215.9				
7847	8.1	172734.3	-4254.7				
7848	9.3	172739.8	-4253.3				
7849	9.7	172750.3	-4230.5				
7850	9.6	172751.3	-4204.3				
7851	8.9	172752.3	-4222.2				
7852	9.2	172802.8	-4208.1				
7853	9.6	172809.1	-4202.0				
7854	9.6	172816.8	-4217.6				
7855	9.6	172819.1	-4201.5				
7856	4.8	172819.7	-4255.0				
7857	9.7	172831.3	-4249.7				
7858	9.3	172842.3	-4218.4				
7859	9.4	172845.3	-4226.1				
7860	9.4	172849.8	-4227.4				
7861	7.6	172856.3	-4229.5				
7862	9.6	172903.3	-4249.8				
7863	9.7	172904.8	-4207.1				
7864	9.5	172909.8	-4244.6				
7865	6.9	172910.3	-4248.0				
7866	9.2	172913.3	-4220.5				
7867	9.2	172919.3	-4253.9				
7868	9.6	172920.3	-4246.0				
7869	7.4	172939.8	-4239.2				

7880	9.3	173041.3	-4222.6	7970	9.7	173937.0	-4218.7	8060	10.2	174541.0	-4244.8	8150	10.2	175114.5	-4224.5
7881	9.2	173043.8	-4207.9	7971	8.4	173939.0	-4258.4	8061	9.7	174544.0	-4256.7	8151	9.8	175115.0	-4238.0
7882	9.7	173049.8	-4247.9	7972	10.0	173944.0	-4256.5	8062	9.2	174545.5	-4259.3	8152	9.6	175118.0	-4255.1
7883	9.4	173119.8	-4217.8	7973	9.7	173949.5	-4254.0	8063	8.4	174548.5	-4253.7	8153	10.2	175119.0	-4221.3
7884	9.6	173116.8	-4228.7	7974	9.4	173957.0	-4218.5	8064	9.9	174551.0	-4233.5	8154	10.1	175121.0	-4242.1
7885	9.7	173126.3	-4213.6	7975	10.0	174001.0	-4245.2	8065	10.1	174551.5	-4206.5	8155	9.0	175121.0	-4236.2
7886	9.6	173133.8	-4213.5	7976	10.2	174021.0	-4225.0	8066	9.6	174556.0	-4254.8	8156	9.9	175122.0	-4206.7
7887	8.7	173141.3	-4250.2	7977	10.1	174022.7	-4202.4	8067	9.6	174559.5	-4239.0	8157	9.6	175126.0	-4221.8
7888	9.6	173149.3	-4242.0	7978	9.6	174025.0	-4232.4	8068	9.8	174600.0	-4204.5	8158	9.7	175126.0	-4249.7
7889	9.6	173205.3	-4221.2	7979	8.8	174043.0	-4226.7	8069	10.0	174601.0	-4209.0	8159	9.8	175129.0	-4229.5
7890	8.4	173210.8	-4222.0	7980	9.0	174048.0	-4233.6	8070	10.1	174602.5	-4249.9	8160	9.8	175129.0	-4252.7
7891	9.7	173213.7	-4208.3	7981	10.2	174053.0	-4218.1	8071	10.2	174609.0	-4218.7	8161	9.9	175142.5	-4246.4
7892	9.7	173218.3	-4217.1	7982	9.8	174100.0	-4206.1	8072	10.2	174609.5	-4219.0	8162	10.1	175145.5	-4214.9
7893	9.7	173236.7	-4239.1	7983	9.6	174102.5	-4221.3	8073	9.8	174610.0	-4231.0	8163	8.5	175150.8	-4200.2
7894	10.2	173245.2	-4246.5	7984	9.0	174104.0	-4235.4	8074	10.1	174610.5	-4252.9	8164	10.0	175156.0	-4203.1
7895	9.4	173245.7	-4251.3	7985	10.0	174104.0	-4240.1	8075	10.2	174612.0	-4221.5	8165	10.2	175200.0	-4203.7
7896	9.7	173253.7	-4229.7	7986	10.1	174105.5	-4214.0	8076	9.8	174616.5	-4211.5	8166	9.9	175201.0	-4201.1
7897	9.6	173259.5	-4203.8	7987	10.0	174106.5	-4231.2	8077	9.6	174617.0	-4225.8	8167	9.9	175204.5	-4234.3
7898	9.7	173300.2	-4212.9	7988	9.9	174111.0	-4218.4	8078	9.6	174631.0	-4211.2	8168	10.1	175206.0	-4222.2
7899	10.2	173301.2	-4205.7	7989	9.7	174111.0	-4215.6	8079	9.2	174633.5	-4218.7	8169	9.8	175209.0	-4215.0
7900	10.2	173302.7	-4211.7	7990	10.0	174112.0	-4238.3	8080	10.2	174635.0	-4204.7	8170	9.2	175211.0	-4248.4
7901	9.9	173307.0	-4205.3	7991	10.2	174120.5	-4227.6	8081	10.2	174636.0	-4240.0	8171	9.9	175212.0	-4249.5
7902	9.4	173308.2	-4237.9	7992	8.6	174121.0	-4246.2	8082	10.2	174637.5	-4257.3	8172	9.2	175221.0	-4225.2
7903	9.2	173319.2	-4244.5	7993	10.2	174123.0	-4220.7	8083	10.1	174642.0	-4234.6	8173	10.2	175225.0	-4235.9
7904	9.2	173329.2	-4237.7	7994	7.8	174133.0	-4215.5	8084	10.2	174645.0	-4213.5	8174	10.1	175227.0	-4210.2
7905	9.6	173331.0	-4238.2	7995	9.4	174135.0	-4212.7	8085	10.1	174645.5	-4231.9	8175	9.9	175228.5	-4249.1
7906	9.4	173348.2	-4203.8	7996	10.2	174138.5	-4210.1	8086	8.6	174646.0	-4249.4	8176	10.1	175231.0	-4225.0
7907	9.8	173357.1	-4202.9	7997	10.0	174139.5	-4203.0	8087	10.1	174649.0	-4236.4	8177	10.2	175235.0	-4234.8
7908	9.6	173400.2	-4205.9	7998	9.6	174141.5	-4208.2	8088	9.9	174651.5	-4210.0	8178	9.2	175240.5	-4238.8
7909	10.2	173400.7	-4216.4	7999	10.2	174143.0	-4207.2	8089	10.0	174703.0	-4246.4	8179	10.2	175240.5	-4217.8
7910	10.2	173405.2	-4210.8	8000	10.1	174146.0	-4205.6	8090	7.9	174708.5	-4217.7	8180	10.2	175244.0	-4206.4
7911	9.8	173411.2	-4212.5	8001	8.6	174149.0	-4225.1	8091	10.1	174729.5	-4203.6	8181	10.0	175244.5	-4246.0
7912	9.8	173415.7	-4219.6	8002	9.9	174150.5	-4255.5	8092	9.6	174730.3	-4200.7	8182	10.2	175247.1	-4200.4
7913	10.2	173417.7	-4202.0	8003	10.1	174152.0	-4220.7	8093	9.6	174733.0	-4240.2	8183	10.2	175250.0	-4253.2
7914	9.6	173418.7	-4237.0	8004	10.2	174153.0	-4253.5	8094	9.2	174735.5	-4222.8	8184	10.2	175251.5	-4203.0
7915	10.2	173422.7	-4206.1	8005	8.0	174156.0	-4217.2	8095	9.2	174741.0	-4242.5	8185	10.2	175254.5	-4229.4
7916	9.8	173432.7	-4231.5	8006	9.7	174207.5	-4222.1	8096	10.1	174742.5	-4226.0	8186	9.8	175255.5	-4215.8
7917	9.0	173434.7	-4224.3	8007	9.0	174219.0	-4254.9	8097	9.8	174750.0	-4235.5	8187	10.2	175256.0	-4236.7
7918	8.9	173440.2	-4258.3	8008	10.1	174223.0	-4216.5	8098	10.2	174751.0	-4230.5	8188	9.7	175256.0	-4247.2
7919	10.2	173440.2	-4207.8	8009	10.1	174224.5	-4254.8	8099	10.2	174756.5	-4232.8	8189	9.6	175256.0	-4233.7
7920	8.5	173450.2	-4210.1	8010	10.1	174233.0	-4228.8	8100	9.6	174803.0	-4222.1	8190	10.1	175301.0	-4221.7
7921	9.7	173450.2	-4238.8	8011	9.8	174235.0	-4240.8	8101	10.1	174806.0	-4250.9	8191	9.9	175311.0	-4217.1
7922	9.4	173451.7	-4205.3	8012	10.2	174235.5	-4203.9	8102	10.1	174811.0	-4244.6	8192	9.9	175311.5	-4240.9
7923	9.2	173501.2	-4249.5	8013	9.7	174236.5	-4253.3	8103	10.2	174815.5	-4256.4	8193	10.2	175320.0	-4230.0
7924	9.0	173530.5	-4259.7	8014	9.6	174243.0	-4246.0	8104	10.0	174816.0	-4235.7	8194	9.2	175320.7	-4201.7
7925	10.0	173536.2	-4205.6	8015	10.1	174251.0	-4238.8	8105	9.7	174825.0	-4217.2	8195	8.8	175321.0	-4213.7
7926	10.2	173537.2	-4212.3	8016	10.0	174251.5	-4242.3	8106	9.8	174828.5	-4240.0	8196	10.0	175322.0	-4238.3
7927	7.0	173544.2	-4240.1	8017	10.2	174255.0	-4239.1	8107	9.9	174831.0	-4238.9	8197	10.0	175322.5	-4215.6
7928	9.7	173550.2	-4214.2	8018	10.2	174301.0	-4240.4	8108	10.2	174841.0	-4202.9	8198	9.8	175324.5	-4239.1
7929	10.2	173550.2	-4251.5	8019	9.7	174327.0	-4209.6	8109	9.2	174846.0	-4221.2	8199	8.6	175326.0	-4253.9
7930	8.5	173552.2	-4228.0	8020	10.2	174329.5	-4237.5	8110	9.8	174851.0	-4232.1	8200	9.9	175333.0	-4241.6
7931	10.2	173602.2	-4256.3	8021	9.4	174330.5	-4235.2	8111	10.0	174858.5	-4234.0	8201	9.8	175333.5	-4238.1
7932	10.2	173609.0	-4258.9	8022	9.2	174330.5	-4210.4	8112	10.1	174900.0	-4222.3	8202	10.2	175337.0	-4257.5
7933	9.8	173643.5	-4226.9	8023	10.0	174331.0	-4212.5	8113	9.6	174902.0	-4231.5	8203	9.0	175339.0	-4203.7
7934	10.2	173649.5	-4203.6	8024	9.8	174340.0	-4218.2	8114	9.8	174906.3	-4200.3	8204	10.2	175356.0	-4220.3
7935	9.8	173655.0	-4232.9	8025	10.1	174345.0	-4253.2	8115	10.1	174909.5	-4231.1	8205	9.7	175359.0	-4205.4
7936	9.8	173655.5	-4227.7	8026	9.7	174347.0	-4239.4	8116	9.9	174911.0	-4203.9	8206	10.2	175400.0	-4219.3
7937	9.7	173700.0	-4228.7	8027	9.8	174353.0	-4226.0	8117	10.2	174914.0	-4224.8	8207	10.2	175400.0	-4201.2
7938	10.1	173716.0	-4233.0	8028	10.1	174354.8	-4233.4	8118	10.1	174921.5	-4240.5	8208	10.2	175404.0	-4225.6
7939	10.2	173719.0	-4259.2	8029	9.6	174355.0	-4229.0	8119	10.0	174923.0	-4234.3	8209	10.2	175405.5	-4242.0
7940	9.2	173721.0	-4202.1	8030	9.6	174400.0	-4259.5	8120	9.9	174923.0	-4226.9	8210	10.2	175406.0	-4242.6
7941	9.4	173732.0	-4239.3	8031	10.2	174411.0	-4244.2	8121	9.6	174924.5	-4220.6	8211	9.8	175406.0	-4210.5
7942	10.2	173739.0	-4235.7	8032	9.8	174411.0	-4233.9	8122	8.2	174938.5	-4228.1	8212	9.9	175412.0	-4206.5
7943	10.1	173741.0	-4202.3	8033	9.6	174411.0	-4240.2	8123	10.0	174941.0	-4231.5	8213	9.9	175416.0	-4234.9
7944	9.7	173745.0	-4248.3	8034	9.8	174411.0	-4249.0	8124	10.1	174944.0	-4205.3	8214	10.0	175416.5	-4208.0
7945	9.4	173745.0	-4233.8	8035	8.8	174417.0	-4212.7	8125	10.0	174945.0	-4233.4	8215	10.2	175421.0	-4224.5
7946	10.2	173747.5	-4253.9	8036	10.2	174418.5	-4210.3	8126	9.0	174947.5	-4242.8	8216	10.1	175424.5	-4206.9
7947	10.2	173748.0	-4250.8	8037	9.7	174419.0	-4255.5	8127	9.9	174948.5	-4201.9	8217	10.2	175426.5	-4238.7
7948	10.1	173752.0	-4238.8	8038	9.6	174437.5	-4223.9	8128	9.9	174956.0	-4217.1	8218	10.1	175428.5	-4214.9
7949	8.7	173754.0	-4254.8	8039	10.1	174440.5	-4202.5	8129	9.6	174956.0	-4207.2	8219	9.8	175430.0	-4213.4
7950	10.2	173757.5	-4259.5	8040	8.2	174441.0	-4251.9	8130	10.2	175000.5	-4204.5	8220	9.8	175432.0	-4248.5
7951	8.6	173759.0	-4227.1	8041	9.7	174450.5	-4217.4	8131	10.2	175001.0	-4206.0	8221	10.0	175434.0	-4214.4
7952	9.2	173804.5	-4258.6	8042	9.2	174451.5	-4208.7	8132	10.2	175001.0	-4230.0	8222	9.6	175434.0	-4204.8
7953	9.2	173809.5	-4257.6	8043	10.2	174455.5	-4223.8	8133	10.0	175002.5	-4212.1	8223	10.2	175438.0	-4226.3
7954	10.1	173822.0	-4218.6	8044	9.6	174500.0	-4256.5	8134	10.2	175008.5	-4222.9	8224	9.8	175440.0	-4248.7
7955	9.4	173823.0	-4216.3	8045	9.8	174501.0	-4208.9	8135	10.2	175012.0	-4228.2	8225	9.4	175440.0	-4252.5
7956	9.4	173832.0	-4255.8	8046	9.2	174502.5	-4251.7	8136	10.2	175024.5	-4222.3	8226	10.2	175450.0	-4256.3
7957	9.6	173840.0	-4221.7	8047	10.1	174503.0	-4219.6	8137	10.1	175036.0	-4249.8	8227	10.1	175453.0	-4237.7
7958	10.2	173842.0	-4249.9	8048	9.0	174503.9	-4257.9	8138	9.8	175041.0	-4222.1	8228	9.0	175501.0	-4224.3
7959	9.6	173849.9	-4257.4	8049	9.6	174504.0	-4250.4	8139	10.2	175042.0	-4201.6	8229	10.2	175502.0	-4203.9
7960	9.6	173854.0	-4236.7	8050	9.2	174505.5	-4220.0	8140	9.2	175047.0	-4230.8	8230	9.2	175506.0	-4250.3
7961	9.8	173901.0	-4204.1	8051	10.2	174506.0	-4218.1	8141	10.2	175052.0	-4225.6	8231	10.2	175509.5	-4233.9
7962	9.9	173901.0	-4214.7	8052	10.2	174509.5	-4211.0	8142	10.2	175059.0	-4230.4	8232	10.0	175511.5	-4241.3
7963	9.0	173912.5	-4214.2	8053	9.2	174511.0	-4241.1	8143	10.0	175102.0	-4252.8	8233	10.1	175516.7	-4200.9
7964	8.4	173915.5	-4229.2	8054	10.2	174512.0	-4242.1	8144	10.0	175102.5	-4238.7	8234	10.2	175522.0	-4242.1
7965	10.1	173916.0	-4230.8	8055	9.2	174516.0	-4231.7	8145	9.2	175104.5	-4209.0	8235	9.8	175522.0	-4200.1
7966	9.8	173919.0	-4251.0	8056	10.2	174519.5	-4219.6	8146	8.9	175106.0	-4211.1	8236	9.2	175522.0	-4206.3
7967	8.8	173921.0	-4239.1	8057	10.2	174522.0	-4206.8	8147	9.7	175107.0	-4246.0	8237	10.2	175529.5	-4238.1
7968	9.6	173925.5	-4221.3	8058	9.6	174532.5	-4214.5	8148	9.4	175112.0	-4223.1	8238	9.8	175531.0	-4200.2
7969	10.0	173933.0	-4246.1	8059	9.0	174537.0	-4218.1	8149	8.8	175112.8	-4257.5	8239	8.5	175536.5	-4213.4

-42 8240 17h55m

-42 8599 18h58m

8240	10.1	175542.0	-4205.5	8330	9.8	180248.6	-4206.0	8420	9.0	182400.1	-4201.8
8241	10.2	175546.5	-4207.7	8331	9.2	180250.9	-4242.7	8421	9.0	182426.6	-4244.8
8242	9.9	175551.0	-4251.1	8332	8.8	180250.9	-4207.5	8422	9.2	182433.1	-4208.0
8243	10.1	175551.5	-4225.6	8333	9.2	180250.9	-4244.3	8423	6.4	182434.6	-4223.9
8244	9.9	175555.0	-4253.3	8334	9.8	180301.0	-4248.3	8424	9.6	182440.6	-4209.0
8245	10.2	175555.0	-4221.9	8335	9.8	180310.6	-4258.9	8425	8.8	182512.6	-4223.0
8246	10.2	175603.0	-4257.1	8336	9.4	180330.9	-4257.1	8426	8.2	182521.6	-4240.9
8247	9.9	175608.0	-4221.8	8337	9.8	180336.4	-4222.7	8427	9.8	182539.6	-4248.8
8248	10.2	175611.0	-4211.5	8338	9.6	180400.9	-4245.7	8428	9.7	182553.1	-4225.0
8249	9.8	175614.0	-4238.5	8339	8.4	180400.9	-4225.2	8429	9.6	182603.1	-4211.8
8250	9.8	175614.5	-4231.2	8340	8.0	180405.9	-4218.8	8430	9.8	182624.1	-4252.8
8251	10.1	175615.0	-4222.2	8341	9.4	180419.9	-4215.1	8431	9.8	182634.9	-4206.0
8252	10.2	175618.0	-4233.0	8342	9.8	180439.0	-4217.0	8432	9.8	182650.1	-4201.6
8253	8.8	175630.0	-4238.4	8343	9.6	180501.9	-4236.1	8433	9.7	182653.7	-4211.1
8254	10.2	175631.0	-4234.3	8344	8.4	180558.4	-4240.8	8434	9.7	182654.1	-4243.8
8255	9.2	175631.0	-4221.6	8345	9.0	180600.9	-4248.1	8435	9.8	182659.6	-4212.2
8256	9.7	175632.5	-4230.3	8346	9.8	180736.4	-4255.7	8436	9.8	182723.6	-4203.1
8257	10.2	175634.0	-4236.0	8347	9.8	180744.9	-4237.9	8437	9.7	182752.2	-4255.6
8258	9.8	175645.0	-4259.8	8348	9.6	180746.6	-4259.1	8438	10.2	182755.8	-4204.8
8259	10.2	175651.0	-4246.5	8349	9.7	180755.9	-4242.3	8439	8.2	182802.8	-4212.4
8260	10.2	175653.5	-4217.1	8350	9.8	180803.5	-4257.0	8440	9.9	182915.3	-4245.9
8261	10.0	175655.5	-4249.5	8351	9.8	180814.8	-4230.6	8441	9.8	182933.3	-4252.9
8262	9.6	175656.0	-4208.7	8352	9.7	180817.9	-4257.6	8442	10.2	182949.8	-4222.8
8263	10.1	175701.0	-4227.7	8353	8.6	180818.9	-4215.2	8443	9.7	183015.3	-4231.0
8264	10.2	175709.5	-4211.3	8354	9.8	180830.9	-4247.2	8444	9.2	183019.6	-4212.0
8265	9.6	175715.0	-4226.1	8355	9.8	180831.0	-4259.7	8445	8.4	183054.6	-4221.9
8266	9.4	175715.5	-4225.8	8356	9.8	180849.9	-4250.7	8446	8.0	183118.1	-4202.6
8267	10.1	175716.0	-4243.1	8357	8.6	180923.4	-4256.8	8447	10.4	183132.6	-4259.1
8268	9.2	175716.5	-4211.1	8358	9.8	180925.9	-4257.7	8448	10.0	183151.1	-4221.0
8269	10.0	175723.7	-4206.3	8359	6.7	180943.9	-4219.8	8449	10.2	183155.8	-4220.1
8270	9.6	175724.0	-4211.7	8360	9.4	181022.4	-4234.0	8450	9.6	183156.1	-4237.2
8271	9.7	175726.5	-4206.7	8361	9.8	181025.9	-4227.2	8451	9.0	183209.6	-4233.9
8272	9.7	175726.5	-4252.7	8362	9.4	181035.4	-4234.1	8452	9.2	183218.1	-4256.5
8273	10.0	175728.0	-4234.5	8363	9.4	181049.9	-4256.0	8453	7.5	183220.1	-4216.6
8274	9.9	175730.0	-4246.1	8364	9.7	181055.4	-4251.1	8454	9.7	183220.6	-4234.0
8275	10.2	175731.0	-4230.0	8365	9.6	181120.9	-4236.7	8455	10.0	183221.6	-4251.0
8276	9.8	175732.0	-4211.7	8366	9.8	181127.9	-4216.1	8456	10.2	183227.6	-4222.5
8277	9.8	175736.5	-4238.7	8367	9.8	181128.5	-4242.1	8457	8.2	183230.1	-4242.6
8278	9.0	175739.5	-4236.8	8368	9.0	181135.9	-4221.7	8458	10.2	183259.6	-4255.9
8279	10.2	175743.0	-4205.3	8369	9.7	181137.9	-4234.2	8459	10.2	183306.1	-4230.0
8280	10.2	175750.0	-4218.9	8370	9.6	181201.1	-4257.0	8460	10.2	183308.8	-4258.0
8281	10.2	175753.0	-4210.8	8371	8.4	181203.4	-4243.9	8461	8.2	183319.1	-4201.1
8282	9.8	175756.0	-4208.7	8372	8.2	181220.9	-4237.3	8462	9.8	183324.1	-4222.7
8283	10.2	175757.5	-4221.4	8373	9.8	181225.7	-4259.1	8463	10.2	183352.6	-4223.2
8284	8.2	175759.5	-4243.8	8374	8.8	181312.9	-4239.3	8464	10.2	183400.1	-4207.0
8285	9.2	175802.0	-4201.8	8375	8.8	181322.4	-4259.4	8465	10.2	183404.8	-4201.9
8286	10.1	175806.0	-4227.4	8376	9.6	181342.9	-4208.0	8466	9.5	183430.2	-4252.4
8287	10.2	175807.0	-4255.1	8377	9.0	181350.4	-4239.4	8467	9.9	183430.7	-4244.3
8288	10.2	175812.0	-4256.2	8378	8.2	181420.9	-4250.1	8468	10.0	183441.7	-4241.8
8289	10.2	175813.5	-4213.7	8379	7.8	181426.4	-4228.4	8469	9.7	183500.5	-4257.7
8290	9.7	175820.0	-4222.4	8380	8.5	181429.4	-4258.2	8470	9.9	183508.2	-4218.9
8291	10.2	175830.0	-4252.9	8381	10.4	181431.0	-4257.1	8471	10.2	183515.7	-4238.0
8292	10.2	175835.5	-4229.2	8382	7.8	181434.4	-4222.7	8472	10.0	183537.2	-4210.0
8293	10.2	175836.5	-4255.7	8383	9.2	181445.9	-4208.7	8473	8.2	183538.2	-4241.8
8294	10.2	175837.5	-4220.9	8384	7.8	181454.4	-4228.6	8474	10.2	183542.7	-4240.0
8295	10.0	175842.5	-4208.5	8385	9.6	181541.9	-4247.6	8475	10.2	183613.6	-4202.3
8296	10.2	175846.7	-4200.0	8386	8.5	181544.6	-4205.3	8476	9.2	183615.2	-4245.8
8297	9.6	175847.7	-4201.2	8387	9.4	181550.6	-4232.0	8477	10.2	183621.7	-4218.5
8298	9.2	175848.7	-4259.4	8388	9.6	181553.1	-4257.9	8478	8.7	183636.5	-4202.5
8299	10.2	175853.0	-4241.4	8389	7.5	181556.1	-4217.3	8479	9.8	183638.7	-4204.6
8300	10.2	175853.0	-4237.0	8390	9.7	181557.1	-4204.0	8480	9.7	183643.7	-4218.8
8301	10.2	175857.5	-4242.2	8391	9.4	181618.6	-4256.8	8481	8.6	183645.7	-4232.9
8302	10.0	175900.0	-4219.7	8392	9.6	181623.6	-4256.1	8482	10.2	183651.7	-4236.7
8303	10.2	175906.5	-4204.7	8393	8.4	181640.1	-4249.9	8483	9.8	183659.2	-4251.9
8304	9.7	175906.5	-4238.2	8394	9.7	181706.6	-4245.5	8484	10.2	183700.7	-4209.4
8305	9.8	175908.5	-4240.9	8395	8.4	181714.4	-4257.2	8485	8.0	183702.7	-4239.3
8306	10.0	175917.0	-4224.1	8396	9.0	181720.9	-4200.3	8486	7.3	183707.7	-4241.5
8307	10.2	175919.5	-4243.7	8397	9.6	181723.1	-4234.9	8487	10.2	183723.7	-4212.3
8308	10.2	175921.5	-4225.4	8398	8.2	181728.6	-4236.1	8488	8.6	183724.2	-4213.5
8309	9.9	175921.5	-4232.3	8399	9.0	181758.6	-4244.9	8489	8.6	183725.2	-4234.9
8310	10.0	175933.0	-4210.3	8400	9.6	181758.6	-4236.5	8490	7.9	183726.0	-4202.7
8311	10.2	175941.0	-4217.4	8401	9.8	181803.1	-4210.7	8491	10.2	183733.7	-4209.4
8312	9.8	175947.2	-4259.7	8402	9.1	181840.9	-4256.7	8492	9.8	183737.7	-4235.0
8313	10.1	175949.5	-4236.0	8403	8.1	181907.6	-4202.2	8493	9.4	183752.7	-4243.8
8314	10.0	175951.0	-4203.7	8404	9.8	181955.6	-4223.3	8494	10.2	183830.7	-4257.9
8315	10.1	175952.0	-4233.7	8405	9.8	182003.1	-4247.5	8495	9.7	183838.7	-4221.3
8316	10.2	175954.0	-4236.8	8406	10.4	182006.2	-4258.3	8496	9.2	183910.7	-4214.2
8317	7.6	175954.9	-4240.2	8407	9.1	182021.6	-4201.9	8497	9.5	183919.7	-4223.5
8318	10.1	175956.0	-4244.7	8408	9.8	182026.6	-4253.8	8498	10.2	183919.7	-4255.5
8319	10.2	175956.5	-4234.4	8409	9.6	182034.6	-4247.6	8499	9.6	183921.2	-4224.0
8320	10.2	180022.0	-4229.9	8410	9.0	182052.4	-4259.4	8500	9.4	183929.2	-4220.5
8321	10.2	180025.0	-4208.9	8411	9.8	182105.6	-4230.8	8501	9.7	183943.2	-4248.7
8322	10.2	180026.0	-4238.3	8412	9.0	182120.6	-4206.5	8502	9.6	183943.7	-4229.8
8323	9.6	180027.5	-4210.9	8413	9.8	182144.7	-4227.5	8503	9.6	183947.2	-4229.1
8324	9.6	180031.0	-4203.1	8414	9.4	182226.1	-4241.0	8504	9.9	184040.7	-4209.1
8325	8.4	180048.7	-4225.1	8415	7.8	182235.6	-4210.7	8505	9.7	184044.2	-4219.7
8326	8.5	180118.4	-4225.2	8416	9.7	182326.1	-4214.7	8506	10.2	184104.7	-4239.7
8327	9.7	180118.9	-4203.8	8417	9.4	182329.1	-4238.9	8507	8.6	184114.7	-4220.8
8328	9.4	180157.9	-4224.6	8418	8.2	182330.1	-4224.1	8508	10.0	184120.7	-4243.7
8329	7.6	180245.9	-4239.7	8419	9.8	182336.1	-4230.1	8509	10.2	184137.7	-4258.8
8510	9.5	184152.2	-4232.3								
8511	8.4	184153.1	-4200.8								
8512	10.2	184202.7	-4216.4								
8513	10.2	184227.2	-4208.9								
8514	10.2	184233.2	-4239.9								
8515	9.4	184252.4	-4201.4								
8516	9.2	184309.7	-4221.3								
8517	10.2	184337.2	-4235.0								
8518	9.9	184337.2	-4208.8								
8519	10.2	184342.2	-4245.2								
8520	10.2	184349.2	-4249.5								
8521	10.0	184352.7	-4243.2								
8522	10.0	184402.7	-4236.9								
8523	9.7	184408.7	-4253.6								
8524	10.0	184417.5	-4257.2								
8525	10.2	184454.2	-4239.2								
8526	9.8	184456.7	-4220.8								
8527	8.8	184541.7	-4216.0								
8528	10.2	184542.7	-4230.2								
8529	8.9	184610.7	-4207.2								
8530	9.7	184626.2	-4232.4								
8531	10.2	184631.2	-4230.4								
8532	9.5	184641.2	-4233.5								
8533	8.6	184645.7	-4201.4								
8534	10.2	184649.2	-4207.6								
8535	10.2	184650.2	-4226.6								
8536	10.0	184652.7	-4202.7								
8537	8.4	184700.2	-4216.8								
8538	9.8	184713.7	-4239.6								
8539	6.9	184721.7	-4252.0								
8540	9.9	184722.2	-4245.8								
8541	10.2	184735.7	-4201.9								
8542	10.2	184739.2	-4239.0								
8543	9.6	184755.2	-4255.0								
8544	10.0	184835.2	-4254.0								
8545	8.8	184841.2	-4215.8								
8546	8.0	184904.2	-4218.0								
8547	9.2	184904.7	-4230.0								
8548	10.2	184942.7	-4257.9								
8549	10.0	185010.7	-4243.8								
8550	9.2	185030.7	-4232.3								
8551	9.5	185047.2	-4201.2								
8552	10.2	185104.2	-4234.9								
8553	9.9	185106.7	-4250.3								
8554	9.8	185129.7	-4226.6								
8555	9.6	185139.7	-4216.7								
8556	9.2	185140.7	-4257.6								
8557	8.4	185201.2	-4220.1								
8558	9.0	185207.0	-4259.5								
8559	10.0	185207.2	-4216.7								
8560	10.2	185219.3	-4258.4								
8561	9.2	185228.0	-4205.8								
8562	9.0	185230.0	-4259.8								
8563	9.2	185318.5	-4201.6								
8564	6.6	185319.0	-4205.0								
8565	10.8	185320.3	-4235.1								
8566	10.8	185332.8	-4203.3								
8567	10.8	185335.3	-4246.4								
8568	10.4	185344.3	-4237.1								
8569	10.8	185346.8	-4253.1								
8570	7.9	185349.5	-4226.4								
8571	10.0	185359.5	-4246.5								
8572	10.8	185403.0	-4253.5								
8573	10.6	185410.0	-4224.7								
8574	9.8	185411.3	-4239.9								
8575	5.5	185415.5	-4216.1								
8576	9.4	185416.7	-4203.8								
8577	8.4	185429.5	-4248.7								
8578	8.6	185430.5	-4226.5								
8579	10.0	185450.0	-4240.9								
8580	10.6	185450.5	-4216.1								
8581	10.0	185450.5	-4204.6								
8582	10.0	185541.5	-4208.1								
8583	10.8	185600.5	-4207.9								
8584	10.0	185618.0	-4201.7								
8585	10.2	185620.0	-4213.9								
8586	10.8	185625.5	-4250.8								
8587	10.8	185626.0	-4245.5								
8588	10.4	185627.5	-4245.7								
8589	9.2	185629.5	-4223.9								
8590	9.5	185630.5	-4256.7								
8591	10.0	185631.5	-4250.4								
8592	10.2	185653.5	-4215.1								
8593	9.2	185655.0	-4251.5								
8594	10.2	185701.5	-4230.0								
8595	10.0	185702.5	-4247.1								
8596	10.4	185730.5	-4215.7								
8597	10.8	185732.0	-4244.9								
8598	10.4	185745.0	-4228.7								
8599	10.8	185810.0	-4203.5								

-42 8600 18h58m

-42 8959 19h49m

8600	10.8	185813.0	-4218.8	8690	10.8	190631.3	-4225.3	8780	10.0	191519.8	-4241.6
8601	9.8	185827.5	-4241.5	8691	10.6	190634.6	-4203.8	8781	10.8	191535.6	-4239.4
8602	10.8	185831.5	-4248.5	8692	10.0	190640.3	-4202.5	8782	10.4	191536.8	-4257.4
8603	10.8	185902.1	-4251.4	8693	10.4	190643.8	-4229.6	8783	9.8	191537.3	-4227.2
8604	10.0	185915.6	-4223.0	8694	10.2	190653.8	-4230.7	8784	10.4	191541.3	-4223.8
8605	10.2	185915.6	-4231.1	8695	10.4	190654.3	-4255.8	8785	10.8	191550.3	-4254.7
8606	10.4	185921.1	-4250.5	8696	10.4	190656.3	-4255.3	8786	9.4	191551.3	-4236.1
8607	10.4	185930.6	-4202.9	8697	10.8	190702.3	-4220.0	8787	10.8	191551.3	-4239.3
8608	10.8	185940.6	-4234.2	8698	10.8	190703.8	-4220.6	8788	10.6	191605.8	-4215.4
8609	10.2	185943.6	-4256.2	8699	9.8	190728.3	-4231.4	8789	10.2	191610.8	-4244.6
8610	8.3	185959.1	-4237.0	8700	9.6	190736.3	-4219.0	8790	10.2	191612.3	-4210.3
8611	9.8	190000.6	-4219.7	8701	10.2	190745.3	-4224.2	8791	10.8	191613.8	-4209.5
8612	10.2	190036.1	-4243.1	8702	10.4	190800.3	-4234.4	8792	9.4	191614.3	-4245.8
8613	10.6	190046.1	-4204.2	8703	10.6	190805.8	-4220.2	8793	10.8	191615.3	-4204.6
8614	10.0	190106.1	-4248.5	8704	10.8	190805.8	-4204.3	8794	10.6	191619.5	-4201.0
8615	10.8	190106.6	-4223.6	8705	9.2	190815.8	-4200.7	8795	10.4	191620.8	-4225.9
8616	6.1	190109.6	-4205.3	8706	10.8	190816.6	-4216.7	8796	10.8	191620.8	-4223.9
8617	10.8	190110.6	-4207.5	8707	10.4	190821.8	-4234.3	8797	10.4	191626.3	-4219.2
8618	10.8	190114.1	-4246.4	8708	10.4	190829.3	-4237.0	8798	10.2	191631.8	-4240.1
8619	10.8	190114.1	-4246.0	8709	9.4	190831.8	-4240.7	8799	10.8	191642.8	-4258.8
8620	10.8	190115.0	-4259.9	8710	10.4	190833.3	-4214.6	8800	10.4	191659.8	-4252.2
8621	10.8	190115.1	-4256.9	8711	8.4	190834.8	-4254.0	8801	10.6	191708.8	-4221.3
8622	10.8	190115.6	-4255.6	8712	10.6	190834.8	-4206.0	8802	8.5	191712.8	-4207.7
8623	9.6	190130.6	-4255.6	8713	10.2	190835.3	-4233.5	8803	10.8	191715.3	-4209.3
8624	10.4	190132.3	-4201.9	8714	10.0	190842.8	-4255.3	8804	10.8	191719.4	-4225.1
8625	10.6	190133.6	-4232.7	8715	10.8	190906.3	-4248.0	8805	10.0	191731.8	-4246.4
8626	8.8	190135.6	-4229.5	8716	10.8	190917.3	-4230.0	8806	9.2	191732.3	-4207.9
8627	10.4	190140.6	-4207.7	8717	9.8	190925.8	-4222.0	8807	10.4	191732.8	-4243.3
8628	10.8	190151.1	-4205.1	8718	10.8	190928.3	-4227.6	8808	10.8	191741.3	-4251.0
8629	10.2	190154.6	-4212.7	8719	10.8	190941.8	-4224.3	8809	10.2	191747.3	-4250.8
8630	9.4	190156.1	-4210.8	8720	10.8	190944.8	-4216.1	8810	10.0	191750.3	-4241.2
8631	10.8	190202.1	-4209.5	8721	9.8	190949.8	-4230.3	8811	10.8	191811.3	-4237.3
8632	10.6	190205.0	-4221.2	8722	10.0	190951.8	-4218.5	8812	10.0	191813.8	-4249.5
8633	10.0	190222.1	-4209.3	8723	10.4	190952.8	-4250.1	8813	9.4	191824.3	-4212.2
8634	9.8	190223.1	-4240.1	8724	10.2	190953.3	-4200.6	8814	9.5	191824.8	-4250.6
8635	10.8	190224.6	-4253.5	8725	9.2	191008.3	-4225.2	8815	10.0	191833.8	-4215.7
8636	10.8	190232.6	-4259.7	8726	10.2	191015.8	-4222.8	8816	8.5	191841.3	-4231.3
8637	10.4	190234.6	-4218.7	8727	10.4	191032.8	-4253.2	8817	9.2	191845.8	-4214.0
8638	10.2	190238.1	-4241.6	8728	10.2	191035.8	-4221.0	8818	10.6	191857.8	-4256.7
8639	10.0	190244.1	-4237.1	8729	10.8	191036.8	-4225.7	8819	8.3	191905.8	-4248.5
8640	9.4	190248.1	-4203.5	8730	10.6	191041.3	-4224.0	8820	10.8	191914.3	-4210.2
8641	10.2	190253.6	-4205.5	8731	8.1	191044.8	-4217.2	8821	10.8	191924.8	-4224.3
8642	10.4	190300.1	-4224.7	8732	10.4	191044.8	-4231.8	8822	9.8	191930.3	-4243.6
8643	10.6	190303.1	-4200.2	8733	10.8	191100.8	-4225.1	8823	10.0	191933.3	-4208.9
8644	10.4	190308.8	-4212.7	8734	10.4	191113.3	-4230.9	8824	10.4	191934.3	-4220.6
8645	10.4	190320.3	-4222.1	8735	9.5	191116.8	-4238.8	8825	10.0	191942.8	-4226.0
8646	10.0	190330.6	-4202.2	8736	10.0	191123.3	-4203.5	8826	10.4	191950.3	-4231.8
8647	10.0	190332.3	-4206.5	8737	10.8	191135.3	-4251.6	8827	9.2	191951.6	-4201.5
8648	10.6	190341.8	-4225.8	8738	8.4	191146.3	-4244.7	8828	9.0	192003.3	-4222.0
8649	10.8	190343.8	-4246.1	8739	10.2	191152.8	-4223.0	8829	10.6	192016.8	-4236.8
8650	10.8	190344.8	-4246.8	8740	8.2	191155.8	-4241.7	8830	10.4	192022.8	-4255.4
8651	10.8	190347.3	-4225.5	8741	10.4	191201.3	-4209.3	8831	10.6	192025.8	-4235.4
8652	9.8	190356.3	-4217.1	8742	10.6	191201.4	-4226.8	8832	10.0	192026.0	-4200.2
8653	10.6	190400.8	-4207.8	8743	8.8	191204.8	-4208.2	8833	10.0	192027.5	-4241.6
8654	10.8	190403.3	-4224.9	8744	10.0	191209.3	-4201.7	8834	9.8	192028.0	-4204.6
8655	10.6	190403.8	-4204.8	8745	10.6	191209.8	-4245.8	8835	10.3	192058.0	-4216.2
8656	10.2	190410.8	-4214.4	8746	9.8	191211.3	-4206.4	8836	10.3	192103.5	-4217.1
8657	10.2	190416.8	-4234.9	8747	10.0	191212.3	-4252.6	8837	10.2	192122.5	-4228.7
8658	10.2	190430.8	-4249.8	8748	10.0	191217.8	-4235.9	8838	10.3	192127.5	-4210.1
8659	10.4	190431.3	-4242.5	8749	10.0	191221.3	-4229.2	8839	10.4	192130.5	-4209.1
8660	10.2	190431.5	-4201.3	8750	10.2	191222.3	-4245.8	8840	8.4	192132.0	-4235.1
8661	10.8	190433.8	-4203.9	8751	9.5	191245.3	-4204.2	8841	10.4	192235.4	-4248.1
8662	9.0	190437.8	-4251.8	8752	10.8	191249.8	-4231.2	8842	9.6	192256.4	-4221.0
8663	8.5	190441.3	-4246.0	8753	10.8	191250.8	-4254.2	8843	7.4	192300.4	-4241.2
8664	10.6	190448.8	-4234.6	8754	10.6	191301.3	-4220.6	8844	9.0	192326.4	-4232.3
8665	9.8	190449.8	-4247.0	8755	10.6	191309.8	-4224.4	8845	9.9	192337.4	-4227.8
8666	10.2	190450.5	-4202.2	8756	10.2	191315.8	-4207.4	8846	9.0	192337.4	-4223.0
8667	9.0	190453.8	-4237.2	8757	10.8	191316.8	-4235.2	8847	9.6	192408.4	-4205.2
8668	10.0	190456.9	-4258.8	8758	10.8	191321.8	-4254.7	8848	10.2	192412.4	-4257.2
8669	10.8	190502.8	-4256.1	8759	10.8	191322.3	-4255.4	8849	9.4	192424.9	-4228.0
8670	8.6	190505.8	-4246.7	8760	7.9	191323.8	-4214.7	8850	10.4	192431.4	-4231.0
8671	10.6	190508.8	-4259.4	8761	9.2	191323.8	-4234.5	8851	10.4	192432.4	-4204.0
8672	10.4	190509.8	-4247.1	8762	10.0	191337.3	-4204.0	8852	9.8	192448.9	-4224.6
8673	9.5	190516.8	-4252.7	8763	10.4	191349.3	-4210.7	8853	9.6	192520.4	-4244.8
8674	9.6	190528.8	-4259.8	8764	10.2	191402.8	-4206.9	8854	10.4	192544.9	-4206.2
8675	10.0	190528.8	-4247.6	8765	9.4	191406.3	-4234.3	8855	10.0	192552.4	-4242.7
8676	9.5	190530.8	-4249.1	8766	10.4	191413.8	-4239.7	8856	10.4	192554.9	-4202.5
8677	10.0	190530.8	-4238.4	8767	10.2	191426.8	-4225.0	8857	9.6	192608.4	-4246.2
8678	9.6	190531.3	-4254.2	8768	10.6	191430.8	-4206.4	8858	10.0	192610.4	-4247.2
8679	10.8	190532.7	-4208.3	8769	10.8	191433.8	-4222.0	8859	10.4	192612.9	-4224.0
8680	10.8	190545.3	-4224.3	8770	10.6	191440.8	-4242.2	8860	8.4	192632.4	-4227.1
8681	10.4	190604.8	-4220.7	8771	10.8	191442.3	-4209.6	8861	10.3	192641.4	-4234.2
8682	10.8	190605.8	-4254.8	8772	10.8	191449.6	-4239.6	8862	10.0	192746.4	-4206.2
8683	10.6	190608.3	-4202.7	8773	9.2	191455.8	-4231.4	8863	8.0	192803.4	-4232.2
8684	9.4	190608.8	-4222.8	8774	10.8	191501.3	-4232.1	8864	9.6	192810.4	-4200.2
8685	9.2	190610.3	-4232.3	8775	10.8	191501.6	-4224.2	8865	9.0	192820.2	-4216.2
8686	9.2	190614.3	-4232.4	8776	10.8	191507.6	-4206.0	8866	10.4	192905.2	-4214.2
8687	10.2	190621.3	-4220.8	8777	9.5	191508.8	-4228.9	8867	10.4	192907.2	-4229.5
8688	10.0	190623.3	-4222.5	8778	9.4	191516.3	-4205.9	8868	10.0	192909.5	-4200.3
8689	10.4	190623.8	-4236.6	8779	10.0	191518.3	-4233.7	8869	10.2	192918.2	-4206.8
8870	8.6	192922.2	-4241.0
8871	7.7	192930.2	-4204.8
8872	10.4	192947.7	-4257.8
8873	10.3	192950.2	-4209.0
8874	10.2	192952.2	-4218.1
8875	9.4	193010.7	-4223.8
8876	10.0	193022.2	-4200.7
8877	10.2	193107.5	-4259.9
8878	10.2	193108.2	-4244.4
8879	10.2	193108.2	-4239.8
8880	8.8	193145.2	-4245.1
8881	8.6	193159.2	-4204.8
8882	8.8	193221.7	-4246.7
8883	9.8	193301.2	-4256.4
8884	9.2	193301.2	-4252.0
8885	10.4	193305.2	-4227.0
8886	10.4	193316.0	-4248.9
8887	10.4	193322.2	-4227.2
8888	8.8	193358.0	-4200.8
8889	9.2	193402.2	-4216.9
8890	10.3	193404.7	-4251.2
8891	10.4	193413.5	-4200.9
8892	9.9	193440.2	-4230.3
8893	9.8	193445.2	-4253.5
8894	10.4	193448.7	-4222.5
8895	9.8	193525.7	-4252.0
8896	10.4	193559.7	-4203.9
8897	10.2	193600.2	-4248.7
8898	9.8	193601.7	-4242.7
8899	10.4	193616.2	-4214.0
8900	10.4	193639.7	-4214.4
8901	9.0	193640.2	-4223.6
8902	8.6	193705.2	-4203.3
8903	9.0	193725.7	-4233.8
8904	10.2	193814.6	-4201.3
8905	9.8	193820.9	-4211.7
8906	10.4	193832.9	-4214.3
8907	10.0	193834.4	-4245.4
8908	10.2	193838.9	-4242.7
8909	10.3	193847.9	-4225.7
8910	10.4	193851.4	-4224.8
8911	10.4	193854.9	-4259.9
8912	9.6	193859.9	-4218.3
8913	10.4	193919.9	-4215.2
8914	10.4	193920.8	-4201.3
8915	10.4	193924.4	-4230.7
8916	7.8	193939.9	-4222.8
8917	9.8	193941.9	-4258.9
8918	10.4	193944.9	-4226.9
8919	10.4	194005.4	-4241.3
8920	10.4	194154.9	-4246.2
8921	7.4	194201.4	-4210.2
8922	10.2	194224.9	-4208.9
8923	10.4	194239.0	-4258.9
8924	8.6	194245.9	-4248.0
8925	8.0	194247.9	-4224.2
8926	8.8	194300.9	-4230.4
8927	10.4	194312.4	-4243.0
8928	9.2	194329.9	-4213.9
8929	10.3	194338.9	-4233.6
8930	9.0	194338.9	-4256.3
8931	10.3	194348.9	-4229.4
8932	10.4	194419.9	-4233.7
8933	9.9	194420.9	-4253.7
8934	10.0	194432.4	-4206.3
8935	10.0	194456.9	-4215.4
8936	10.3	194459.9	-4247.0
8937	10.2	194500.4	-4227.0
8938	10.3	194504.6	-4257.6
8939	9.6	194509.9	-4205.2
8940	10.4	194539.9	-4246.1
8941	10.4	194609.9	-4215.7
8942	10.3	194609.9	-4250.6
8943	9.6	194617.3	-4257.3
8944	6.0	194638.0	-4211.5
8945	10.3	194653.0	-4239.8
8946	10.0	194653.0	-4213.7
8947	9.9	194703.0	-4218.0
8948	10.4	194704.0	-4211.8
8949	11.0	194719.7	-4245.8
8950	9.4	194724.1	-4251.7
8951	8.4	194737.0	-4201.2
8952	9.8	194753.1	-4229.2
8953	11.0	194801.1	-4215.3
8954	11.0	194843.1	-4202.7
8955	10.4	194849.8	-4200.9
8956	8.8	194851.6	-4222.3
8957	9.8	194854.6	-4205.3
8958	10.8	194909.1	-4249.9
8959	10.6	194932.1	-4220.9

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9367	9.6	215109.7	-4225.6	9457	8.6	222640.8	-4222.3	9547	10.2	230917.7	-4257.2
9368	10.2	215210.2	-4253.4	9458	9.2	222647.6	-4255.1	9548	10.3	230921.2	-4240.1
9369	9.0	215123.2	-4248.7	9459	9.6	222716.6	-4224.3	9549	9.6	230938.7	-4253.4
9370	9.7	215247.2	-4209.5	9460	8.1	222805.8	-4215.3	9550	9.6	231030.7	-4246.0
9371	8.6	215301.7	-4240.2	9461	9.8	222839.3	-4217.5	9551	10.2	231040.7	-4252.4
9372	10.2	215307.7	-4252.1	9462	9.2	222859.3	-4226.0	9552	10.3	231049.2	-4200.4
9373	10.2	215403.4	-4256.2	9463	9.4	222900.3	-4237.5	9553	9.6	231207.2	-4244.2
9374	8.4	215406.7	-4241.1	9464	10.1	222902.4	-4202.1	9554	10.2	231210.7	-4204.6
9375	10.2	215450.2	-4231.0	9465	9.2	223023.8	-4226.3	9555	7.8	231252.7	-4238.7
9376	10.2	215522.2	-4245.2	9466	9.5	223033.8	-4226.0	9556	10.2	231306.2	-4233.4
9377	9.8	215608.7	-4200.1	9467	10.4	223043.3	-4221.7	9557	9.8	231313.2	-4211.4
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9595	7.8	233121.4	-4215.5								
9596	9.6	233145.5	-4220.2								
9597	8.0	233215.5	-4210.0								
9598	10.0	233341.7	-4236.3								
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9600	8.9	233404.0	-4220.4								
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17	9.4	00947.5 -4348.9	107	10.2	04839.7 -4318.5	197	10.0	14033.6 -4306.5	287	9.8	24133.2 -4325.0
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71	9.8	03340.2 -4337.0	161	9.0	11746.1 -4304.0	251	9.2	22002.3 -4326.2	341	9.0	31049.9 -4310.6
72	9.8	03445.7 -4338.6	162	9.8	11800.1 -4324.2	252	10.0	22019.3 -4300.8	342	9.8	31107.4 -4330.8
73	8.8	03450.2 -4345.8	163	10.2	11834.1 -4323.3	253	10.0	22133.8 -4335.0	343	9.6	31110.4 -4313.1
74	9.8	03530.2 -4303.5	164	9.2	11901.6 -4304.6	254	9.4	22151.6 -4354.9	344	8.4	31110.9 -4344.9
75	9.8	03556.7 -4344.0	165	9.4	11920.2 -4324.9	255	10.0	22201.1 -4344.2	345	9.8	31119.9 -4302.1
76	7.0	03559.7 -4348.7	166	10.2	11935.7 -4352.0	256	10.0	22245.7 -4322.2	346	9.8	31138.4 -4342.9
77	9.3	03649.2 -4347.3	167	10.0	11955.2 -4341.5	257	10.0	22413.1 -4342.6	347	9.1	31208.9 -4315.5
78	9.3	03651.2 -4305.4	168	10.2	12000.7 -4314.5	258	9.4	22439.6 -4329.6	348	9.8	31225.9 -4319.6
79	8.8	03714.7 -4354.1	169	9.4	12034.7 -4331.0	259	9.4	22455.3 -4302.6	349	9.6	31230.4 -4340.0
80	8.9	03725.2 -4349.9	170	10.2	12040.7 -4344.5	260	10.0	22504.1 -4323.4	350	9.8	31239.9 -4324.6
81	9.8	03750.7 -4347.1	171	10.2	12153.2 -4341.0	261	10.0	22506.1 -4352.6	351	8.4	31253.9 -4352.0
82	9.8	03817.7 -4308.9	172	5.4	12256.2 -4357.6	262	8.6	22520.1 -4348.1	352	9.8	31332.9 -4334.4
83	8.0	03840.2 -4316.9	173	7.9	12315.4 -4357.2	263	10.0	22617.3 -4300.6	353	8.0	31412.4 -4305.9
84	9.8	03849.2 -4307.4	174	9.2	12349.7 -4352.6	264	9.4	22708.8 -4349.1	354	5.6	31459.9 -4332.6
85	5.7	03901.2 -4321.4	175	8.2	12400.7 -4348.0	265	10.0	22803.8 -4304.0	355	8.0	31503.7 -4301.7
86	7.8	03937.8 -4349.6	176	10.2	12414.2 -4338.9	266	10.0	22934.3 -4313.9	356	9.4	31507.4 -4305.2
87	8.9	03940.2 -4313.7	177	8.8	12434.7 -4329.5	267	9.0	22936.3 -4331.3	357	9.6	31801.9 -4358.4
88	9.8	04013.7 -4304.9	178	9.0	12504.7 -4321.0	268	10.0	23018.3 -4303.0	358	9.8	31808.6 -4302.7
89	9.8	04018.8 -4359.2	179	10.2	12557.7 -4356.5	269	8.8	23059.6 -4321.0	359	9.6	31824.9 -4347.2
90	10.2	04107.9 -4305.9	180	10.2	12603.4 -4359.3	270	9.4	23114.1 -4334.9	360	9.6	31942.4 -4346.0
91	10.2	04228.4 -4349.1	181	10.2	12608.7 -4352.4	271	10.0	23135.6 -4311.6	361	9.0	32033.4 -4339.5
92	6.8	04310.4 -4314.6	182	10.2	12619.7 -4340.6	272	9.1	23152.4 -4349.6	362	9.8	32057.4 -4311.1
93	10.2	04310.7 -4308.7	183	10.2	12840.5 -4353.0	273	8.3	23218.9 -4330.3	363	8.6	32127.4 -4325.2
94	10.2	04317.6 -4359.4	184	9.0	12909.0 -4322.7	274	10.0	23247.1 -4306.9	364	7.8	32159.4 -4316.5
95	8.7	04330.2 -4302.0	185	9.4	13008.0 -4314.8	275	8.4	23255.7 -4346.7	365	9.4	32456.7 -4316.0
96	10.2	04340.2 -4338.1	186	8.2	13029.0 -4338.2	276	9.8	23306.6 -4333.7	366	6.4	32534.2 -4303.8
97	9.8	04344.7 -4307.3	187	8.6	13140.8 -4301.7	277	5.7	23501.2 -4325.8	367	9.6	32625.7 -4332.3
98	8.8	04430.2 -4347.9	188	9.2	13257.0 -4311.2	278	9.8	23556.7 -4357.5	368	9.2	32701.4 -4322.5
99	9.5	04441.7 -4302.3	189	6.8	13310.7 -4333.8	279	8.1	23723.7 -4304.1	369	9.1	32754.4 -4320.5
100	7.6	04605.2 -4319.3	190	10.2	13359.2 -4320.4	280	9.6	23728.2 -4309.2	370	9.9	32920.7 -4339.9
101	8.6	04631.7 -4327.7	191	9.0	13514.6 -4344.5	281	9.8	23839.2 -4304.0	371	9.3	32933.1 -4337.3
102	10.0	04717.7 -4351.9	192	10.2	13539.2 -4323.7	282	8.6	23908.7 -4322.0	372	9.9	33138.1 -4334.4
103	8.4	04719.2 -4329.2	193	9.8	13543.7 -4303.9	283	8.7	23910.7 -4319.3	373	9.9	33224.4 -4300.0
104	8.8	04751.2 -4349.7	194	10.2	13549.7 -4310.5	284	9.6	24035.2 -4346.2	374	8.8	33415.1 -4305.2
105	9.6	04758.2 -4344.0	195	10.2	13708.2 -4345.5	285	7.7	24050.7 -4321.8	375	9.1	33419.6 -4340.3
106	9.6	04759.7 -4337.7	196	10.2	13758.2 -4349.1	286	9.8	24119.7 -4313.1	376	8.2	33459.6 -4309.9

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377	9.8	33515.6	-4305.0	467	8.6	42655.1	-4328.1	557	9.4	50557.6	-4328.6	647	7.6	53412.0	-4302.7
378	8.2	33524.1	-4355.1	468	9.8	42753.9	-4300.0	558	9.2	50607.6	-4332.2	648	9.2	53427.7	-4331.0
379	9.4	33529.1	-4357.3	469	9.8	42835.4	-4307.1	559	9.2	50651.6	-4327.9	649	9.0	53509.7	-4322.0
380	8.2	33604.6	-4338.6	470	8.8	42839.4	-4341.9	560	8.8	50709.1	-4338.6	650	8.9	53519.2	-4348.5
381	8.4	33633.1	-4337.8	471	9.4	42953.4	-4344.4	561	9.0	50746.3	-4302.0	651	9.0	53610.2	-4332.8
382	9.9	33731.1	-4309.9	472	8.8	43003.9	-4347.1	562	9.4	50800.8	-4301.6	652	8.8	53625.7	-4339.0
383	8.0	33739.6	-4340.3	473	9.6	43014.9	-4303.8	563	9.7	50810.5	-4328.0	653	9.8	53656.7	-4330.7
384	9.9	33745.1	-4355.1	474	9.8	43044.9	-4337.8	564	9.9	50842.5	-4350.8	654	10.2	53709.7	-4321.2
385	9.8	33952.6	-4343.4	475	9.2	43044.9	-4337.2	565	9.9	50853.0	-4353.5	655	9.9	53744.2	-4312.6
386	8.6	33959.6	-4337.7	476	9.4	43055.4	-4318.1	566	9.0	50913.0	-4310.0	656	9.6	53755.2	-4353.6
387	9.0	34150.1	-4355.3	477	9.2	43059.4	-4351.7	567	8.6	50944.5	-4305.3	657	8.2	53823.2	-4334.1
388	9.4	34212.7	-4342.7	478	9.6	43105.4	-4341.5	568	9.2	51049.5	-4304.5	658	10.2	53840.2	-4314.9
389	8.3	34310.2	-4307.6	479	9.8	43118.9	-4321.1	569	9.9	51111.0	-4335.0	659	9.8	53844.2	-4332.4
390	9.9	34526.7	-4328.9	480	9.0	43212.4	-4352.9	570	9.2	51112.0	-4357.8	660	9.9	53904.2	-4331.4
391	9.0	34530.7	-4327.6	481	9.7	43212.9	-4304.4	571	8.8	51118.5	-4351.7	661	8.6	53906.9	-4351.6
392	7.1	34535.2	-4306.5	482	8.8	43228.9	-4342.2	572	9.9	51124.5	-4307.0	662	10.2	53911.9	-4350.7
393	8.8	34545.2	-4316.1	483	9.1	43320.9	-4307.6	573	9.8	51219.0	-4358.6	663	9.2	53936.9	-4355.2
394	8.8	34556.2	-4354.9	484	9.4	43418.9	-4329.1	574	9.6	51316.5	-4341.2	664	10.2	54014.4	-4333.2
395	9.8	34620.2	-4359.9	485	9.6	43419.9	-4358.7	575	9.8	51319.5	-4339.3	665	9.6	54056.4	-4334.8
396	9.2	34625.7	-4314.5	486	9.8	43531.9	-4322.1	576	9.7	51337.0	-4330.4	666	10.2	54112.9	-4321.1
397	9.2	34740.2	-4354.9	487	9.6	43535.9	-4328.1	577	9.4	51339.0	-4352.9	667	10.2	54129.9	-4313.0
398	9.3	34843.7	-4331.0	488	9.8	43540.9	-4338.3	578	9.6	51343.0	-4325.5	668	10.2	54148.9	-4346.0
399	9.9	34905.2	-4326.8	489	9.8	43541.7	-4301.1	579	7.6	51358.0	-4344.4	669	9.9	54211.4	-4306.4
400	8.2	34937.2	-4331.9	490	8.4	43548.9	-4337.7	580	8.4	51417.0	-4356.2	670	8.5	54213.4	-4318.8
401	9.9	35024.2	-4355.9	491	8.6	43737.6	-4314.8	581	8.4	51424.5	-4313.7	671	9.6	54217.4	-4334.3
402	9.7	35031.7	-4327.7	492	9.8	43924.6	-4339.2	582	9.8	51428.0	-4305.4	672	9.2	54303.9	-4316.1
403	9.8	35055.2	-4320.3	493	9.0	44052.6	-4314.8	583	9.9	51429.5	-4342.5	673	10.2	54309.2	-4316.1
404	8.0	35205.7	-4328.6	494	9.0	44053.6	-4337.7	584	9.1	51520.0	-4343.1	674	9.4	54315.7	-4342.3
405	8.2	35210.2	-4358.9	495	10.1	44101.4	-4301.6	585	9.4	51539.0	-4351.9	675	9.0	54321.2	-4309.9
406	9.0	35250.2	-4318.1	496	9.4	44212.6	-4321.5	586	9.9	51540.0	-4339.1	676	10.2	54329.7	-4318.9
407	9.2	35356.7	-4344.4	497	9.8	44334.6	-4311.0	587	9.9	51619.0	-4337.7	677	9.2	54334.2	-4311.2
408	9.3	35423.0	-4310.4	498	9.6	44355.6	-4314.7	588	9.9	51627.5	-4328.1	678	9.4	54338.2	-4350.3
409	9.0	35533.7	-4332.8	499	9.6	44407.1	-4331.1	589	9.7	51632.0	-4347.2	679	10.2	54354.7	-4356.7
410	10.3	35615.7	-4343.2	500	9.4	44408.6	-4314.9	590	7.8	51649.0	-4339.6	680	10.2	54409.7	-4323.1
411	9.8	35729.7	-4331.2	501	8.5	44419.6	-4341.1	591	9.2	51658.5	-4354.5	681	9.8	54411.7	-4355.9
412	9.8	35809.2	-4305.9	502	9.8	44502.6	-4317.3	592	9.9	51659.0	-4336.6	682	9.7	54411.7	-4337.9
413	8.6	35819.2	-4339.5	503	9.8	44517.1	-4342.4	593	9.0	51709.5	-4336.7	683	9.8	54420.7	-4309.9
414	9.8	35948.7	-4317.8	504	9.7	44527.1	-4322.2	594	9.9	51738.0	-4315.5	684	10.0	54421.7	-4358.3
415	10.4	40130.2	-4353.8	505	8.8	44531.1	-4334.2	595	9.9	51753.5	-4341.8	685	9.9	54448.2	-4310.1
416	10.0	40141.5	-4335.8	506	9.4	44538.6	-4331.8	596	9.8	51758.5	-4312.0	686	10.2	54514.2	-4302.9
417	8.6	40241.5	-4341.4	507	9.6	44602.6	-4345.3	597	10.0	51858.5	-4339.3	687	10.2	54518.1	-4352.8
418	9.8	40252.0	-4330.2	508	9.8	44618.5	-4355.8	598	8.6	52012.3	-4349.2	688	9.4	54518.9	-4319.4
419	7.4	40318.5	-4315.0	509	9.6	44624.5	-4308.3	599	10.2	52020.1	-4329.4	689	10.2	54544.8	-4328.9
420	10.3	40332.5	-4351.5	510	9.8	44658.0	-4335.9	600	8.2	52029.6	-4343.3	690	9.7	54550.4	-4319.9
421	10.4	40402.2	-4302.4	511	9.3	44659.5	-4346.7	601	10.2	52051.1	-4325.6	691	10.2	54600.4	-4356.4
422	8.1	40404.5	-4311.1	512	8.0	44718.5	-4316.0	602	10.2	52058.6	-4304.6	692	8.8	54601.4	-4332.7
423	10.2	40514.0	-4348.8	513	8.8	44811.5	-4329.6	603	9.2	52110.6	-4315.5	693	7.2	54604.9	-4324.2
424	8.4	40534.2	-4357.3	514	8.6	44840.5	-4316.1	604	7.9	52200.6	-4310.3	694	10.4	54621.9	-4337.2
425	10.0	40539.5	-4341.6	515	9.8	44904.5	-4353.8	605	10.2	52231.6	-4319.3	695	10.4	54627.6	-4301.0
426	10.0	40915.0	-4335.3	516	8.8	44959.8	-4313.0	606	7.9	52236.1	-4329.0	696	10.4	54628.8	-4339.4
427	10.2	41003.5	-4330.1	517	9.0	45042.3	-4334.2	607	10.2	52302.6	-4319.0	697	9.8	54639.2	-4302.0
428	10.4	41038.0	-4345.6	518	9.8	45059.3	-4325.0	608	10.2	52307.4	-4354.5	698	8.4	54642.1	-4344.5
429	10.3	41233.5	-4301.0	519	9.8	45115.8	-4339.8	609	10.2	52318.4	-4329.8	699	10.2	54702.4	-4340.0
430	10.2	41257.6	-4327.4	520	9.6	45140.3	-4340.1	610	10.2	52351.4	-4335.6	700	10.4	54709.1	-4350.4
431	9.8	41409.6	-4323.5	521	9.7	45206.6	-4342.3	611	10.2	52351.9	-4331.4	701	8.6	54729.6	-4334.4
432	10.1	41425.5	-4300.3	522	8.6	45243.1	-4337.7	612	9.4	52353.4	-4347.4	702	10.4	54745.1	-4345.9
433	8.8	41435.6	-4328.7	523	8.8	45324.1	-4339.6	613	10.0	52355.4	-4327.1	703	10.1	54759.1	-4350.1
434	8.2	41451.6	-4355.6	524	9.6	45338.1	-4302.0	614	8.8	52405.4	-4318.9	704	10.0	54808.6	-4314.0
435	8.3	41541.1	-4346.8	525	7.9	45346.1	-4313.4	615	10.2	52521.4	-4310.1	705	10.4	54815.1	-4335.2
436	9.4	41554.1	-4326.2	526	8.2	45505.6	-4353.2	616	10.2	52538.4	-4314.1	706	9.6	54845.1	-4308.1
437	8.2	41658.1	-4307.2	527	8.6	45506.1	-4343.9	617	10.2	52541.2	-4345.7	707	10.2	54910.6	-4337.3
438	10.1	41715.4	-4300.3	528	8.0	45509.1	-4334.8	618	8.4	52559.9	-4352.2	708	10.1	54919.6	-4317.8
439	7.8	41743.1	-4305.1	529	9.2	45521.1	-4317.6	619	8.0	52559.9	-4336.1	709	10.2	54929.1	-4310.5
440	10.2	41748.1	-4335.2	530	9.2	45559.6	-4330.4	620	9.4	52600.4	-4305.0	710	8.3	54942.1	-4335.0
441	10.4	41906.6	-4346.0	531	8.4	45609.1	-4328.8	621	10.0	52614.9	-4343.1	711	10.4	54958.6	-4339.8
442	9.8	41932.6	-4305.9	532	9.9	45612.6	-4310.1	622	8.4	52620.9	-4340.5	712	10.4	55050.6	-4328.0
443	7.8	41945.6	-4344.8	533	9.0	45654.6	-4339.0	623	9.7	52629.9	-4353.7	713	10.2	55132.6	-4352.8
444	8.8	41949.1	-4317.5	534	9.9	45737.1	-4334.8	624	10.2	52631.1	-4302.8	714	10.4	55142.1	-4347.2
445	10.4	42000.6	-4324.8	535	8.8	45805.1	-4311.0	625	8.2	52634.1	-4347.7	715	10.4	55226.6	-4323.8
446	10.2	42019.4	-4359.0	536	9.9	45826.6	-4303.9	626	10.2	52710.1	-4359.8	716	10.4	55243.6	-4327.7
447	10.4	42027.4	-4321.5	537	8.8	45836.1	-4341.1	627	10.2	52726.3	-4303.0	717	10.4	55300.6	-4313.1
448	9.2	42119.9	-4317.2	538	9.4	45907.1	-4321.6	628	9.8	52749.6	-4330.9	718	10.4	55312.6	-4332.2
449	8.6	42121.5	-4325.8	539	9.6	45934.6	-4332.1	629	10.0	52828.6	-4324.7	719	9.6	55338.6	-4335.5
450	9.0	42125.4	-4357.6	540	9.9	50019.1	-4359.8	630	10.2	52850.1	-4339.6	720	10.2	55346.6	-4320.1
451	10.4	42312.4	-4355.6	541	9.4	50040.1	-4319.0	631	9.4	52854.1	-4350.4	721	10.4	55402.1	-4306.6
452	8.8	42339.6	-4337.6	542	9.2	50105.6	-4320.9	632	9.0	52909.6	-4307.9	722	9.2	55404.6	-4336.9
453	9.3	42400.1	-4322.7	543	9.9	50110.6	-4349.0	633	10.0	52915.1	-4328.0	723	10.4	55410.6	-4358.5
454	8.0	42400.3	-4301.9	544	9.7	50149.1	-4313.1	634	8.2	53037.1	-4337.1	724	10.4	55417.6	-4355.1
455	9.4	42415.6	-4302.4	545	9.7	50202.5	-4351.1	635	9.0	53042.6	-4357.9	725	10.4	55421.6	-4337.9
456	9.4	42433.6	-4339.6	546	9.4	50227.6	-4334.4	636	10.0	53103.1	-4316.4	726	10.4	55449.9	-4342.4
457	10.0	42445.8	-4301.1	547	9.7	50304.6	-4354.4	637	9.8	53108.6	-4353.7	727	9.1	55513.4	-4307.4
458	9.6	42532.6	-4308.2	548	9.7	50340.6	-4315.4	638	10.2	53139.6	-4338.4	728	10.4	55523.6	-4327.6
459	9.7	42535.1	-4305.3	549	9.9	50356.1	-4327.0	639	10.2	53141.6	-4336.3	729	10.0	55534.9	-4305.3
460	9.7	42545.1	-4356.3	550	9.0	50358.1	-4321.0	640	8.1	53142.1	-4328.7	730	10.4	55539.9	-4331.1
461	9.4	42549.6	-4316.9	551	9.8	50427.6	-4319.3	641	9.7	53208.7	-4313.6	731	10.4	55542.6	-4348.2
462	9.4	42609.1	-4350.3	552	9.9	50429.6	-4306.1	642	10.2	53237.2	-4345.2	732	10.4	55545.4	-4357.6
463	7.4	42628.6	-4329.1	553	9.1	50451.1	-4323.7	643	10.2	53242.7	-4346.0	733	10.4	55546.8	-4300.5
464	7.4	42631.1	-4340.9	554	9.9	50459.1	-4325.3	644	9.7	53248.1	-4359.2	734	9.0	55558.4	-4339.3
465	9.1	42632.6	-4305.9	555	9.9	50500.6	-4323.9	645	10.2	53258.7	-4312.0	735	10.4	55607.4	-4325.9
466	9.8	42649.6	-4324.3	556	9.9	50510.1	-4302.9	646	9.4	53308.7	-4343.5	736	9.2	55620.4	-4352.5

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-43 737 5h56m

737	10.0	55621.4	-4316.6
738	10.4	55649.9	-4333.0
739	10.4	55700.9	-4338.2
740	10.0	55714.4	-4323.7
741	10.0	55714.9	-4304.1
742	7.6	55721.9	-4354.3
743	10.1	55723.4	-4324.3
744	10.2	55822.9	-4348.1
745	9.2	55831.4	-4349.3
746	10.4	55854.9	-4329.9
747	10.1	55915.2	-4301.5
748	10.4	55929.9	-4306.1
749	10.4	55943.4	-4357.3
750	10.4	55959.9	-4305.0
751	10.4	60009.9	-4300.0
752	9.4	60037.9	-4352.1
753	10.4	60053.4	-4321.6
754	10.4	60105.4	-4337.7
755	10.1	60110.4	-4305.1
756	10.0	60147.4	-4356.7
757	10.0	60153.4	-4332.7
758	10.4	60203.9	-4335.9
759	7.4	60206.9	-4355.3
760	10.0	60239.9	-4359.7
761	10.0	60247.4	-4303.1
762	10.1	60441.4	-4313.4
763	7.2	60502.9	-4347.5
764	9.8	60526.9	-4320.5
765	10.4	60535.9	-4315.2
766	10.4	60559.9	-4344.0
767	10.4	60619.9	-4320.5
768	10.4	60659.9	-4308.9
769	10.1	60702.4	-4324.0
770	10.1	60717.9	-4324.2
771	10.4	60722.4	-4300.8
772	10.4	60739.9	-4334.7
773	10.0	60754.5	-4356.6
774	9.5	60809.9	-4338.4
775	10.0	60833.4	-4355.2
776	10.4	60838.9	-4310.2
777	8.4	60855.9	-4335.5
778	9.4	60904.4	-4321.6
779	9.8	60910.4	-4327.8
780	9.0	60914.9	-4333.9
781	10.4	60930.4	-4359.9
782	10.1	60940.4	-4324.7
783	9.6	61017.4	-4306.1
784	10.4	61022.4	-4340.8
785	8.6	61048.9	-4312.0
786	10.4	61101.4	-4322.7
787	9.2	61143.4	-4337.1
788	8.1	61145.4	-4308.2
789	9.4	61239.4	-4302.5
790	10.0	61245.4	-4336.0
791	7.4	61259.6	-4336.0
792	10.4	61302.1	-4307.5
793	10.2	61302.7	-4309.3
794	10.2	61305.9	-4322.6
795	9.2	61321.0	-4302.1
796	10.0	61354.3	-4343.9
797	9.9	61404.8	-4325.2
798	10.2	61411.7	-4344.8
799	10.2	61413.3	-4319.2
800	10.2	61423.0	-4301.1
801	9.8	61427.3	-4332.4
802	9.0	61434.8	-4338.7
803	9.1	61438.2	-4349.8
804	10.2	61443.2	-4316.0
805	9.9	61450.2	-4354.5
806	10.2	61451.7	-4350.0
807	9.0	61501.2	-4352.5
808	9.5	61509.2	-4344.1
809	8.4	61514.2	-4332.2
810	10.2	61521.0	-4348.2
811	10.2	61525.2	-4350.1
812	10.2	61529.2	-4309.1
813	10.2	61545.2	-4308.8
814	10.2	61547.7	-4307.2
815	10.2	61553.2	-4327.5
816	10.2	61601.7	-4354.6
817	10.2	61601.7	-4356.6
818	7.8	61605.7	-4350.7
819	10.2	61607.7	-4323.6
820	10.2	61608.7	-4317.7
821	10.2	61609.7	-4351.0
822	10.2	61612.7	-4342.8
823	9.6	61631.7	-4345.0
824	9.5	61648.2	-4337.5
825	8.8	61650.7	-4335.7
826	10.2	61653.7	-4321.2
827	9.5	61655.2	-4325.7
828	9.8	61658.7	-4306.3
829	9.9	61659.2	-4315.0
830	9.0	61701.2	-4336.9
831	10.0	61706.7	-4328.7
832	9.8	61706.7	-4357.1
833	10.0	61717.2	-4350.3
834	9.8	61717.7	-4335.5
835	9.8	61723.7	-4305.9
836	8.6	61736.7	-4309.4
837	10.2	61806.7	-4347.4
838	9.6	61828.2	-4329.0
839	10.2	61829.7	-4323.9
840	9.4	61836.7	-4348.7
841	9.8	61847.7	-4307.1
842	9.6	61914.2	-4358.0
843	10.2	61924.2	-4351.6
844	10.0	61924.8	-4300.9
845	10.2	61925.7	-4350.5
846	8.8	61930.2	-4355.0
847	10.2	61940.2	-4303.9
848	10.2	62001.7	-4301.4
849	9.5	62010.2	-4359.2
850	10.0	62010.2	-4307.0
851	10.2	62016.0	-4359.1
852	10.0	62022.7	-4349.7
853	8.4	62025.7	-4342.0
854	9.8	62035.7	-4316.3
855	10.2	62045.7	-4317.7
856	10.2	62047.2	-4301.1
857	9.9	62054.2	-4342.0
858	10.2	62055.7	-4332.5
859	8.6	62056.7	-4320.2
860	9.9	62111.7	-4330.2
861	10.0	62113.2	-4359.6
862	10.0	62121.2	-4336.8
863	9.9	62122.2	-4309.8
864	10.2	62212.7	-4335.0
865	10.2	62215.7	-4330.8
866	10.2	62218.2	-4309.3
867	9.9	62226.7	-4357.6
868	9.9	62227.2	-4355.5
869	9.8	62250.2	-4327.7
870	10.2	62259.2	-4347.9
871	7.3	62300.2	-4359.6
872	10.2	62300.2	-4342.7
873	9.8	62300.2	-4340.6
874	10.2	62312.7	-4310.6
875	10.0	62329.2	-4348.2
876	10.2	62330.2	-4328.3
877	10.2	62330.2	-4308.8
878	10.2	62331.7	-4308.3
879	10.2	62334.7	-4326.2
880	10.2	62343.2	-4325.1
881	10.2	62354.7	-4307.2
882	9.4	62401.4	-4357.2
883	10.2	62402.7	-4300.9
884	10.0	62402.7	-4318.1
885	10.2	62417.7	-4312.6
886	10.2	62419.6	-4311.8
887	9.4	62432.7	-4346.5
888	10.2	62435.7	-4345.0
889	9.4	62445.7	-4348.3
890	10.2	62507.7	-4320.9
891	10.2	62513.7	-4324.1
892	10.2	62519.2	-4348.7
893	10.2	62521.6	-4329.7
894	10.0	62535.7	-4326.3
895	10.2	62544.7	-4309.1
896	8.8	62546.7	-4350.1
897	10.2	62557.2	-4334.5
898	10.2	62608.7	-4352.7
899	9.5	62611.7	-4318.1
900	10.0	62612.7	-4329.1
901	9.8	62653.2	-4343.9
902	9.5	62702.2	-4325.1
903	10.0	62703.7	-4333.9
904	10.2	62709.2	-4349.5
905	9.9	62712.7	-4345.0
906	10.2	62715.2	-4332.5
907	9.8	62716.7	-4320.7
908	10.0	62718.2	-4349.3
909	7.4	62719.2	-4337.8
910	10.2	62732.2	-4344.6
911	9.6	62801.7	-4344.3
912	10.2	62807.7	-4326.5
913	10.2	62825.7	-4305.1
914	8.8	62828.2	-4325.7
915	10.2	62836.7	-4302.7
916	10.2	62839.7	-4330.7

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917	9.5	62858.2	-4335.7
918	10.2	62901.7	-4308.3
919	8.8	62909.2	-4328.9
920	9.4	62909.7	-4332.1
921	10.0	62914.7	-4331.4
922	10.2	62926.7	-4354.3
923	10.2	62931.7	-4315.0
924	10.2	62932.7	-4347.8
925	10.0	62938.7	-4351.8
926	8.6	62949.2	-4311.7
927	9.6	62957.7	-4312.0
928	8.4	63000.2	-4345.9
929	10.2	63001.2	-4335.8
930	9.9	63002.2	-4312.8
931	10.0	63011.7	-4314.0
932	9.9	63017.7	-4348.7
933	9.6	63053.2	-4319.8
934	9.6	63106.7	-4349.7
935	9.6	63122.7	-4347.1
936	9.1	63127.2	-4345.2
937	10.2	63142.2	-4309.5
938	10.2	63149.2	-4351.0
939	10.2	63155.2	-4336.2
940	10.2	63228.2	-4316.8
941	9.6	63259.2	-4316.1
942	7.0	63332.7	-4320.6
943	10.2	63338.7	-4342.6
944	9.6	63340.7	-4333.5
945	10.2	63351.7	-4318.7
946	3.8	63356.7	-4305.2
947	10.2	63404.2	-4328.0
948	9.6	63423.2	-4337.0
949	10.2	63429.2	-4343.9
950	9.6	63438.7	-4343.6
951	10.0	63439.2	-4353.6
952	10.2	63441.0	-4359.2
953	10.2	63455.7	-4357.3
954	7.6	63502.2	-4342.9
955	9.4	63505.2	-4313.2
956	10.2	63526.1	-4312.1
957	10.2	63528.1	-4304.0
958	8.2	63538.6	-4318.7
959	9.5	63546.1	-4315.0
960	8.8	63547.6	-4314.8
961	10.2	63554.6	-4335.6
962	7.2	63558.1	-4317.3
963	10.2	63559.1	-4310.9
964	9.6	63608.6	-4335.7
965	8.4	63627.1	-4346.2
966	8.2	63628.6	-4334.6
967	10.0	63636.1	-4314.7
968	9.9	63705.6	-4332.7
969	10.0	63721.1	-4344.0
970	10.2	63725.6	-4336.9
971	10.2	63730.2	-4359.4
972	10.2	63732.1	-4344.1
973	10.2	63733.6	-4359.0
974	10.0	63734.6	-4317.6
975	10.2	63748.6	-4356.9
976	9.5	63750.6	-4339.7
977	10.2	63758.1	-4334.8
978	10.2	63758.6	-4332.4
979	10.2	63811.6	-4325.8
980	10.0	63823.6	-4355.0
981	10.0	63830.6	-4318.7
982	9.6	63833.6	-4303.4
983	10.2	63845.1	-4355.8
984	8.6	63850.6	-4323.0
985	9.6	63853.6	-4354.3
986	10.0	63907.6	-4319.0
987	10.2	63909.1	-4341.6
988	9.0	63909.6	-4314.0
989	9.6	63918.6	-4325.0
990	9.5	63935.1	-4354.2
991	8.2	63948.6	-4355.9
992	9.0	63948.6	-4319.9
993	10.2	64005.6	-4345.6
994	10.2	64011.6	-4355.3
995	10.0	64012.1	-4310.5
996	9.6	64025.6	-4340.5
997	10.0	64030.1	-4304.7
998	9.6	64040.6	-4342.5
999	10.2	64043.1	-4348.3
1000	10.2	64047.1	-4344.3
1001	10.2	64048.6	-4326.0
1002	9.8	64050.1	-4344.7
1003	9.6	64052.5	-4354.3
1004	10.2	64053.1	-4356.9
1005	10.2	64053.6	-4324.0
1006	9.4	64115.6	-4348.5
1007	9.6	64116.1	-4341.0
1008	8.5	64125.9	-4344.8
1009	10.0	64126.4	-4341.8
1010	9.8	64128.2	-4346.9
1011	10.0	64139.9	-4332.9
1012	10.0	64143.4	-4326.9
1013	9.9	64152.2	-4313.3
1014	9.7	64153.9	-4332.0
1015	10.0	64156.2	-4337.0
1016	10.0	64156.2	-4359.7
1017	9.6	64159.5	-4335.1
1018	8.2	64218.0	-4340.1
1019	9.2	64218.9	-4319.3
1020	9.6	64227.9	-4339.4
1021	10.0	64235.4	-4301.1
1022	10.0	64240.4	-4307.2
1023	9.9	64247.9	-4346.9
1024	10.0	64252.9	-4350.9
1025	10.0	64311.9	-4351.2
1026	10.0	64314.4	-4315.5
1027	10.0	64324.9	-4325.3
1028	10.0	64327.9	-4331.0
1029	10.0	64328.4	-4313.2
1030	9.7	64349.9	-4317.3
1031	9.0	64352.9	-4319.5
1032	8.8	64359.4	-4345.1
1033	9.4	64411.4	-4331.1
1034	10.0	64428.4	-4309.3
1035	10.0	64429.9	-4342.8
1036	7.6	64431.4	-4339.7
1037	9.9	64432.4	-4335.9
1038	9.6	64433.9	-4338.0
1039	8.3	64449.9	-4329.5
1040	7.4	64455.9	-4339.6
1041	9.1	64507.0	-4300.7
1042	10.0	64511.4	-4328.6
1043	9.9	64511.9	-4354.3
1044	10.0	64515.9	-4354.4
1045	10.0	64519.9	-4318.0
1046	10.0	64521.9	-4301.8
1047	9.0	64523.4	-4304.9
1048	10.0	64529.9	-4344.3
1049	9.7	64534.4	-4348.3
1050	9.9	64549.9	-4306.8
1051	9.2	64611.9	-4353.0
1052	10.0	64613.4	-4335.2
1053	9.4	64616.9	-4353.1
1054	9.2	64645.9	-4320.9
1055	10.0	64646.4	-4350.2
1056	10.0	64648.9	-4343.8
1057	8.5	64653.4	-4331.7
1058	9.7	64658.4	-4329.0
1059	9.4	64700.9	-4321.9
1060	10.0	64723.6	-4357.6
1061	10.0	64735.9	-4307.4
1062	9.9	64744.9	-4356.5
1063	9.2	64749.6	-4358.4
1064	9.9	64754.4	-4344.1
1065	9.8	64806.4	-4320.8
1066	10.0	64814.9	-4306.0
1067	10.0	64829.4	-4304.9
1068	10.0	64839.9	-4316.4
1069	10.0	64845.9	-4318.9
1070	10.0	64851.4	-4336.9
1071	10.0	64856.4	-4349.5
1072	9.9	64858.9	-4342.5
1073	6.8	64859.8	-4349.4
1074	10.0	64902.3	-4318.1
1075	9.4	64904.3	-4333.1
1076	9.7	64910.8	-4312.0
1077	9.5	64910.8	-4346.1
1078	10.0	64913.3	-4306.8
1079	9.9	64915.8	-4314.9
1080	10.0	64916.3	-4342.5
1081	9.5	64921.8	-4344.6
1082	9.6	64921.8	-4348.5
1083	9.6	64930.3	-4329.0
1084	10.0	64951.8	-4346.1
1085	10.0	65009.8	-4309.7
1086	9.5	65031.8	-4350.5
1087	10.0	65032.8	-4311.0
1088	9.2	65033.8	-4333.5
1089	9.9	65039.3	-4314.1
1090	9.6	65039.8	-4351.2
1091	10.0	65043.8	-4321.8
1092	8.2	65053.3	-4350.2
1093	9.8	65053.8	-4328.8
1094	9.8	65054.3	-4312.3
1095	10.0	65055.3	-4341.7
1096	10.0	65056.3	-4305.5

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-43 1456 7h21m

1097	10.0	65105.3	-4319.3	1187	10.0	70018.8	-4327.6	1277	10.0	70851.6	-4330.5
1098	10.0	65107.8	-4331.6	1188	8.1	70034.8	-4332.9	1278	7.0	70901.1	-4340.4
1099	8.8	65111.8	-4327.2	1189	10.0	70036.3	-4323.5	1279	8.8	70904.1	-4326.7
1100	9.7	65118.3	-4304.4	1190	10.0	70045.2	-4359.7	1280	9.6	70905.8	-4311.9
1101	10.0	65119.3	-4328.0	1191	8.6	70048.3	-4323.7	1281	10.0	70907.6	-4301.7
1102	9.2	65122.8	-4326.8	1192	10.0	70050.8	-4334.6	1282	8.5	70917.5	-4343.1
1103	9.1	65126.8	-4306.5	1193	10.0	70110.3	-4311.7	1283	10.4	70921.7	-4355.6
1104	10.0	65136.3	-4330.0	1194	9.2	70122.0	-4302.5	1284	10.4	70922.8	-4344.0
1105	10.0	65153.3	-4320.1	1195	9.6	70130.3	-4300.8	1285	10.0	70924.0	-4311.9
1106	9.5	65234.8	-4358.5	1196	10.0	70147.3	-4310.5	1286	10.4	70933.8	-4342.4
1107	9.0	65244.5	-4335.9	1197	10.0	70151.3	-4334.9	1287	10.4	70939.4	-4356.7
1108	10.0	65245.5	-4353.3	1198	10.0	70152.8	-4348.9	1288	9.1	70940.8	-4352.1
1109	9.8	65252.0	-4315.3	1199	9.4	70201.3	-4335.0	1289	10.4	70951.0	-4350.8
1110	9.9	65252.5	-4348.8	1200	10.0	70203.8	-4313.9	1290	10.0	70952.5	-4317.7
1111	9.8	65258.5	-4359.2	1201	10.0	70213.2	-4357.7	1291	10.2	71005.0	-4334.8
1112	9.4	65302.0	-4348.9	1202	7.1	70229.3	-4325.1	1292	9.8	71006.5	-4345.0
1113	9.0	65307.5	-4352.9	1203	10.0	70231.3	-4322.1	1293	10.4	71016.0	-4349.7
1114	9.6	65309.5	-4348.4	1204	10.0	70232.3	-4336.0	1294	10.0	71020.5	-4309.5
1115	9.4	65315.5	-4325.7	1205	9.5	70237.3	-4359.5	1295	10.0	71028.5	-4357.0
1116	9.6	65317.5	-4333.9	1206	8.8	70239.3	-4309.9	1296	10.4	71034.5	-4314.8
1117	9.7	65317.5	-4314.0	1207	9.4	70240.3	-4341.9	1297	9.2	71036.0	-4329.9
1118	10.0	65330.0	-4335.0	1208	9.4	70242.8	-4349.4	1298	10.4	71037.5	-4341.8
1119	10.0	65332.5	-4351.0	1209	10.0	70259.3	-4357.1	1299	10.4	71039.0	-4321.3
1120	8.4	65335.5	-4303.4	1210	9.9	70304.8	-4342.9	1300	10.0	71046.5	-4358.0
1121	7.3	65342.5	-4337.3	1211	9.8	70327.5	-4302.5	1301	10.2	71049.5	-4341.8
1122	10.0	65354.5	-4340.9	1212	10.0	70328.3	-4316.8	1302	10.2	71052.5	-4325.5
1123	10.0	65359.0	-4349.5	1213	10.0	70331.3	-4345.9	1303	9.6	71054.5	-4349.7
1124	10.0	65400.5	-4317.8	1214	9.8	70332.8	-4303.5	1304	9.8	71055.5	-4337.9
1125	9.7	65407.5	-4349.9	1215	8.1	70341.8	-4340.2	1305	9.2	71056.5	-4327.3
1126	9.8	65417.5	-4329.1	1216	9.6	70343.8	-4337.6	1306	10.4	71057.0	-4331.0
1127	10.0	65419.5	-4302.6	1217	8.8	70347.8	-4313.9	1307	8.2	71059.5	-4330.5
1128	9.6	65425.0	-4307.6	1218	8.2	70350.2	-4346.9	1308	10.0	71108.0	-4317.8
1129	9.5	65429.5	-4341.8	1219	10.0	70350.2	-4359.9	1309	10.2	71111.0	-4328.2
1130	9.9	65431.5	-4352.3	1220	10.0	70400.7	-4314.7	1310	9.8	71112.5	-4346.0
1131	9.0	65435.3	-4301.0	1221	10.0	70411.7	-4349.8	1311	10.4	71132.5	-4348.7
1132	10.0	65435.5	-4311.5	1222	9.8	70420.2	-4353.7	1312	10.4	71132.5	-4359.7
1133	10.0	65438.5	-4328.0	1223	10.0	70421.2	-4350.5	1313	10.4	71134.0	-4356.1
1134	10.0	65438.5	-4326.6	1224	9.2	70437.2	-4304.4	1314	10.2	71136.0	-4352.7
1135	9.9	65443.0	-4302.4	1225	10.0	70437.2	-4351.7	1315	10.4	71144.0	-4346.8
1136	9.5	65451.5	-4334.2	1226	10.0	70445.2	-4306.9	1316	10.0	71152.5	-4349.0
1137	10.0	65451.8	-4358.6	1227	8.8	70446.7	-4329.9	1317	10.2	71155.5	-4307.3
1138	10.0	65459.5	-4355.3	1228	10.0	70449.2	-4313.7	1318	10.2	71156.8	-4346.6
1139	8.8	65501.5	-4355.0	1229	10.0	70450.2	-4317.9	1319	10.4	71200.0	-4335.0
1140	10.0	65502.0	-4303.6	1230	9.7	70452.7	-4308.4	1320	10.4	71209.0	-4335.9
1141	9.9	65507.0	-4332.1	1231	10.0	70452.7	-4315.0	1321	10.4	71219.0	-4312.1
1142	9.8	65515.0	-4345.1	1232	8.8	70458.7	-4326.5	1322	10.4	71221.5	-4301.3
1143	9.9	65528.5	-4312.4	1233	9.2	70458.7	-4346.6	1323	10.0	71222.5	-4325.7
1144	9.4	65534.5	-4344.5	1234	10.0	70503.2	-4331.8	1324	10.1	71224.5	-4320.5
1145	9.6	65538.0	-4348.8	1235	9.9	70511.2	-4329.0	1325	10.4	71255.0	-4349.4
1146	10.0	65542.5	-4344.7	1236	9.7	70513.7	-4340.3	1326	10.2	71258.0	-4310.0
1147	9.9	65545.5	-4352.5	1237	9.4	70522.2	-4341.8	1327	8.4	71310.5	-4315.5
1148	9.7	65606.5	-4348.2	1238	9.9	70522.2	-4326.8	1328	9.8	71317.5	-4342.2
1149	9.4	65613.0	-4357.9	1239	9.7	70522.7	-4342.1	1329	10.0	71326.5	-4327.7
1150	9.5	65616.0	-4356.6	1240	10.0	70522.7	-4330.8	1330	10.1	71329.0	-4304.9
1151	10.0	65623.5	-4321.6	1241	10.0	70524.7	-4309.9	1331	10.4	71332.0	-4352.7
1152	8.5	65631.5	-4319.4	1242	9.6	70525.2	-4348.7	1332	9.4	71339.4	-4358.4
1153	9.6	65636.0	-4341.5	1243	9.7	70533.7	-4337.9	1333	10.4	71340.5	-4321.3
1154	9.8	65637.5	-4304.8	1244	9.5	70536.2	-4339.5	1334	8.6	71342.0	-4322.0
1155	10.0	65637.5	-4307.7	1245	9.0	70548.7	-4354.1	1335	10.4	71348.5	-4312.1
1156	9.9	65639.5	-4352.0	1246	10.0	70552.2	-4352.2	1336	8.8	71356.5	-4346.6
1157	9.6	65652.5	-4320.2	1247	9.2	70607.7	-4310.9	1337	9.8	71406.0	-4309.5
1158	9.6	65657.5	-4354.2	1248	9.9	70611.2	-4355.5	1338	9.8	71407.5	-4310.1
1159	10.0	65704.5	-4340.1	1249	9.0	70611.7	-4358.9	1339	10.2	71410.0	-4324.4
1160	9.7	65716.5	-4347.0	1250	9.9	70619.7	-4305.9	1340	6.3	71412.0	-4345.6
1161	10.0	65719.5	-4311.0	1251	9.9	70639.2	-4315.9	1341	10.4	71419.5	-4310.2
1162	9.9	65742.5	-4354.0	1252	9.4	70646.2	-4311.7	1342	10.0	71422.5	-4352.4
1163	9.4	65750.5	-4317.0	1253	10.0	70648.2	-4343.1	1343	9.6	71425.5	-4332.8
1164	9.4	65754.0	-4302.0	1254	10.0	70651.1	-4345.2	1344	9.8	71428.5	-4345.6
1165	10.0	65755.5	-4317.4	1255	10.0	70654.6	-4307.3	1345	10.1	71429.5	-4352.0
1166	9.6	65759.5	-4318.3	1256	10.0	70656.6	-4305.8	1346	8.7	71430.0	-4328.4
1167	10.0	65809.5	-4319.0	1257	9.6	70702.1	-4319.5	1347	9.8	71435.5	-4342.0
1168	9.2	65819.5	-4308.0	1258	8.8	70707.1	-4316.3	1348	9.8	71436.5	-4318.3
1169	6.8	65823.5	-4313.4	1259	9.4	70723.1	-4315.5	1349	9.0	71440.5	-4341.8
1170	9.9	65824.5	-4328.4	1260	9.5	70744.1	-4337.5	1350	9.8	71445.0	-4340.0
1171	9.0	65831.0	-4323.4	1261	9.9	70747.1	-4351.0	1351	10.0	71457.5	-4352.3
1172	9.6	65838.0	-4334.0	1262	9.4	70754.6	-4314.1	1352	10.4	71502.0	-4328.9
1173	10.0	65845.5	-4341.1	1263	9.6	70759.1	-4349.5	1353	10.4	71509.0	-4341.7
1174	9.6	65910.5	-4315.6	1264	8.8	70809.1	-4341.9	1354	10.4	71514.0	-4333.4
1175	10.0	65912.5	-4311.4	1265	9.0	70819.1	-4348.0	1355	10.2	71518.0	-4350.2
1176	9.6	65919.5	-4310.6	1266	9.2	70821.1	-4354.7	1356	9.6	71526.0	-4354.2
1177	9.4	65927.5	-4317.7	1267	10.0	70822.6	-4302.7	1357	9.4	71546.5	-4346.6
1178	10.0	65928.5	-4351.8	1268	9.8	70825.1	-4313.0	1358	10.4	71548.0	-4346.0
1179	9.6	65929.3	-4350.6	1269	10.0	70831.1	-4306.7	1359	9.0	71552.5	-4335.7
1180	9.2	65939.3	-4324.9	1270	10.0	70835.1	-4313.5	1360	10.2	71556.5	-4337.6
1181	10.0	65945.3	-4328.1	1271	9.5	70836.1	-4358.3	1361	9.8	71610.0	-4306.6
1182	10.0	65950.8	-4315.6	1272	10.0	70843.8	-4341.1	1362	9.4	71611.5	-4349.4
1183	9.8	65958.0	-4300.8	1273	8.1	70844.3	-4340.4	1363	10.4	71613.0	-4356.6
1184	8.8	65959.8	-4323.2	1274	9.6	70845.6	-4351.1	1364	7.7	71615.5	-4315.5
1185	10.0	70005.8	-4352.1	1275	9.6	70848.8	-4354.7	1365	9.4	71620.5	-4357.0
1186	7.2	70008.2	-4326.1	1276	9.4	70849.8	-4315.9	1366	9.8	71622.5	-4300.9
1456	9.3	72137.5	-4305.9								

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1457	10.2	72149.0	-4305.6	1547	10.4	72806.2	-4313.2	1637	9.8	73339.9	-4357.4
1458	9.8	72151.5	-4321.2	1548	10.2	72810.2	-4318.0	1638	10.4	73344.7	-4312.0
1459	10.0	72159.0	-4353.9	1549	9.5	72812.5	-4302.0	1639	10.0	73346.2	-4345.9
1460	10.4	72202.0	-4326.9	1550	9.4	72824.7	-4321.4	1640	9.8	73349.7	-4324.7
1461	10.4	72222.5	-4307.1	1551	10.1	72832.2	-4352.9	1641	8.8	73352.2	-4343.3
1462	10.0	72229.0	-4356.0	1552	10.0	72833.2	-4329.0	1642	10.0	73353.7	-4354.0
1463	9.8	72231.0	-4319.2	1553	10.0	72835.2	-4339.5	1643	9.5	73355.2	-4351.4
1464	9.8	72231.5	-4327.8	1554	10.4	72839.2	-4358.0	1644	10.0	73355.2	-4336.8
1465	9.8	72235.0	-4354.9	1555	10.2	72843.2	-4321.2	1645	10.1	73355.2	-4317.1
1466	9.6	72235.5	-4332.0	1556	9.2	72844.2	-4334.9	1646	9.8	73357.2	-4322.7
1467	10.4	72239.0	-4318.0	1557	10.4	72852.2	-4338.2	1647	10.4	73358.7	-4317.0
1468	9.8	72240.5	-4307.3	1558	10.4	72900.7	-4305.4	1648	8.4	73402.2	-4321.5
1469	10.4	72240.5	-4304.8	1559	7.8	72902.2	-4322.6	1649	9.2	73402.2	-4346.1
1470	10.4	72240.6	-4327.6	1560	10.4	72906.7	-4337.4	1650	10.4	73406.7	-4315.9
1471	10.4	72243.5	-4320.3	1561	10.4	72908.7	-4320.9	1651	10.4	73407.2	-4333.0
1472	10.2	72254.5	-4311.4	1562	10.4	72912.2	-4311.3	1652	10.4	73415.7	-4346.0
1473	10.2	72300.0	-4315.5	1563	10.4	72918.7	-4303.2	1653	10.2	73416.2	-4340.0
1474	10.4	72303.5	-4324.0	1564	10.4	72919.0	-4358.6	1654	10.2	73416.2	-4336.3
1475	10.4	72304.0	-4347.1	1565	9.2	72920.7	-4330.1	1655	10.0	73417.2	-4338.5
1476	9.6	72304.5	-4327.5	1566	10.4	72922.4	-4358.4	1656	9.2	73417.7	-4306.7
1477	9.0	72310.5	-4355.6	1567	9.8	72930.2	-4329.5	1657	10.0	73420.2	-4339.0
1478	10.0	72315.0	-4308.4	1568	10.0	72935.2	-4333.0	1658	10.4	73420.7	-4309.2
1479	9.8	72320.0	-4348.3	1569	10.2	72948.7	-4308.6	1659	10.1	73421.7	-4318.4
1480	10.1	72324.0	-4316.0	1570	10.4	72950.2	-4331.9	1660	10.4	73425.7	-4323.0
1481	10.4	72331.5	-4317.2	1571	10.0	72951.2	-4316.6	1661	8.6	73437.7	-4315.9
1482	10.0	72340.0	-4356.3	1572	10.0	72951.2	-4351.0	1662	8.1	73443.7	-4318.6
1483	9.7	72348.5	-4343.2	1573	10.4	72952.7	-4343.8	1663	10.2	73450.9	-4357.9
1484	9.0	72352.5	-4352.4	1574	9.2	72956.7	-4324.0	1664	10.2	73454.7	-4302.9
1485	10.4	72401.9	-4359.4	1575	9.8	73003.2	-4359.2	1665	10.4	73502.2	-4338.5
1486	10.0	72414.0	-4338.1	1576	10.1	73006.7	-4342.7	1666	10.0	73502.2	-4332.8
1487	10.0	72417.5	-4305.2	1577	10.1	73008.7	-4314.0	1667	10.4	73504.2	-4345.5
1488	9.8	72421.5	-4355.0	1578	10.4	73009.2	-4352.2	1668	10.4	73510.2	-4316.0
1489	7.4	72422.5	-4342.4	1579	9.6	73010.7	-4347.6	1669	10.0	73512.7	-4337.1
1490	10.4	72430.9	-4357.7	1580	10.4	73012.2	-4350.9	1670	10.0	73518.7	-4356.1
1491	10.4	72435.5	-4307.5	1581	10.2	73015.7	-4337.4	1671	10.2	73519.7	-4305.4
1492	10.4	72438.0	-4344.7	1582	10.0	73025.2	-4331.3	1672	10.2	73519.7	-4315.4
1493	9.8	72453.0	-4327.3	1583	10.0	73029.2	-4325.6	1673	8.8	73522.7	-4311.4
1494	9.8	72456.5	-4349.2	1584	9.8	73029.2	-4353.1	1674	10.0	73522.7	-4356.7
1495	9.4	72501.5	-4353.1	1585	10.1	73038.2	-4336.8	1675	9.4	73523.7	-4328.5
1496	8.7	72511.5	-4304.8	1586	9.8	73039.9	-4357.2	1676	8.1	73526.2	-4341.3
1497	10.4	72512.5	-4306.4	1587	9.8	73041.2	-4351.2	1677	10.4	73535.2	-4322.3
1498	10.4	72514.0	-4306.2	1588	10.0	73042.2	-4330.4	1678	9.6	73537.2	-4347.0
1499	6.5	72516.0	-4302.9	1589	10.4	73044.2	-4314.4	1679	9.6	73544.7	-4307.3
1500	10.0	72516.5	-4357.9	1590	9.8	73052.2	-4330.9	1680	8.6	73550.2	-4335.1
1501	9.4	72518.0	-4346.7	1591	10.4	73058.9	-4345.5	1681	10.0	73553.7	-4338.0
1502	10.0	72533.5	-4306.1	1592	10.1	73105.2	-4336.0	1682	10.2	73555.2	-4344.8
1503	8.9	72534.0	-4347.9	1593	9.3	73104.2	-4359.0	1683	10.4	73600.2	-4356.7
1504	9.6	72535.5	-4339.7	1594	10.4	73105.7	-4341.0	1684	10.0	73602.7	-4312.1
1505	10.1	72542.5	-4333.0	1595	10.4	73108.7	-4341.2	1685	10.4	73608.7	-4344.2
1506	10.4	72546.4	-4351.4	1596	10.4	73110.2	-4344.5	1686	10.2	73616.2	-4342.0
1507	10.4	72547.4	-4316.6	1597	10.4	73115.2	-4331.4	1687	10.2	73620.2	-4331.2
1508	9.8	72548.9	-4326.6	1598	9.8	73119.2	-4332.6	1688	9.2	73622.0	-4352.2
1509	10.0	72552.1	-4358.8	1599	10.4	73120.2	-4305.2	1689	9.4	73623.0	-4328.7
1510	10.1	72552.4	-4345.4	1600	10.4	73121.7	-4337.2	1690	10.0	73625.5	-4350.1
1511	10.0	72552.4	-4340.0	1601	10.1	73123.2	-4354.7	1691	9.8	73627.0	-4319.0
1512	9.8	72556.4	-4314.6	1602	10.0	73124.2	-4314.9	1692	10.0	73634.2	-4348.0
1513	10.4	72606.4	-4303.2	1603	10.4	73126.7	-4354.2	1693	10.2	73640.2	-4329.0
1514	10.4	72619.4	-4353.8	1604	10.1	73129.2	-4345.0	1694	9.8	73650.2	-4320.1
1515	8.8	72623.9	-4344.4	1605	9.8	73137.0	-4357.0	1695	10.4	73652.2	-4353.9
1516	10.4	72623.9	-4325.4	1606	10.4	73142.2	-4306.0	1696	10.4	73653.2	-4312.9
1517	10.4	72628.4	-4327.2	1607	10.4	73142.2	-4331.4	1697	10.4	73653.7	-4345.4
1518	10.4	72640.4	-4354.2	1608	9.1	73143.2	-4343.8	1698	10.4	73657.5	-4322.0
1519	9.8	72645.6	-4300.8	1609	10.4	73146.2	-4353.6	1699	10.4	73658.7	-4350.0
1520	9.8	72648.4	-4351.0	1610	10.4	73147.7	-4353.6	1700	10.4	73658.7	-4311.3
1521	10.0	72649.4	-4311.2	1611	9.8	73151.2	-4353.8	1701	10.2	73703.3	-4357.2
1522	10.4	72656.9	-4336.1	1612	10.1	73152.2	-4330.2	1702	10.4	73705.2	-4353.3
1523	10.4	72701.4	-4316.8	1613	10.4	73153.7	-4333.0	1703	9.6	73706.5	-4317.6
1524	10.4	72702.4	-4322.0	1614	10.2	73156.7	-4337.0	1704	10.0	73714.2	-4322.2
1525	10.4	72704.4	-4354.2	1615	9.8	73200.2	-4306.0	1705	10.4	73714.2	-4355.3
1526	10.0	72706.4	-4333.8	1616	10.0	73200.7	-4310.0	1706	8.9	73717.9	-4319.9
1527	9.8	72709.9	-4323.8	1617	10.2	73201.7	-4346.2	1707	9.6	73721.7	-4304.0
1528	9.8	72714.9	-4329.2	1618	10.4	73218.2	-4313.8	1708	10.4	73722.2	-4332.0
1529	9.6	72715.4	-4316.5	1619	10.4	73223.7	-4306.2	1709	9.8	73722.3	-4301.0
1530	10.4	72715.4	-4355.0	1620	10.4	73226.2	-4333.9	1710	10.2	73722.5	-4325.7
1531	10.4	72721.9	-4354.8	1621	10.1	73238.2	-4308.9	1711	7.2	73725.5	-4320.6
1532	10.4	72722.4	-4321.2	1622	10.2	73241.7	-4330.7	1712	10.0	73727.7	-4342.0
1533	10.0	72732.9	-4305.4	1623	9.8	73244.2	-4356.0	1713	9.9	73736.2	-4331.6
1534	10.1	72734.7	-4325.1	1624	10.4	73250.2	-4331.9	1714	10.4	73744.0	-4300.7
1535	10.2	72735.7	-4333.2	1625	9.8	73251.4	-4357.2	1715	10.4	73750.2	-4331.2
1536	9.0	72738.7	-4309.2	1626	9.4	73257.2	-4329.8	1716	9.8	73753.7	-4307.3
1537	10.0	72741.7	-4316.5	1627	10.2	73309.2	-4349.0	1717	9.9	73801.7	-4322.0
1538	10.0	72742.2	-4340.8	1628	10.4	73314.2	-4316.2	1718	10.4	73805.7	-4337.5
1539	8.1	72744.7	-4301.6	1629	10.0	73316.2	-4332.0	1719	9.0	73813.4	-4358.3
1540	10.4	72750.7	-4340.2	1630	10.4	73316.2	-4348.8	1720	10.4	73813.7	-4326.5
1541	9.8	72755.2	-4313.2	1631	10.4	73316.2	-4347.7	1721	9.6	73817.2	-4305.2
1542	9.5	72759.2	-4345.3	1632	9.8	73331.7	-4341.3	1722	10.0	73828.2	-4324.3
1543	10.4	72800.2	-4309.2	1633	10.4	73332.2	-4337.4	1723	10.0	73832.2	-4315.6
1544	10.2	72802.2	-4345.6	1634	10.4	73333.2	-4344.6	1724	10.2	73834.7	-4327.9
1545	10.2	72802.2	-4315.0	1635	10.0	73333.2	-4354.0	1725	9.8	73842.2	-4349.6
1546	10.4	72802.7	-4301.2	1636	9.3	73338.2	-4346.9	1726	10.4	73845.2	-4301.7

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1727	9.9	73900.2	-4329.1	1737	10.4	73954.0	-4300.3	1747	10.4	74038.2	-4338.3
1728	10.2	73905.7	-4310.0	1738	10.4	74000.2	-4302.0	1748	9.1	74039.7	-4332.2
1729	10.4	73912.2	-4339.2	1739	8.9	74002.2	-4330.5	1749	10.1	74108.2	-4357.3
1730	9.4	73913.7	-4333.4	1740	10.1	74010.2	-4340.8	1750	10.4	74112.2	-4310.8
1731	10.1	73920.7	-4334.5	1741	10.1	74023.0	-4300.9	1751	7.2	74117.2	-4326.9
1732	10.1	73926.2	-4307.4	1742	9.8	74025.7	-4303.8	1752	10.2	74119.6	-4358.1
1733	10.1	73927.7	-4313.5	1743	10.4	74026.7	-4321.2	1753	9.6	74126.7	-4306.9
1734	10.2	73929.2	-4324.1	1744	10.4	74028.7	-4345.9	1754	10.2	74144.2	-4355.1
1735	10.4	73945.7	-4303.2	1745	9.9	74030.7	-4319.4	1755	10.4	74145.7	-4340.1
1736	10.2	73951.2	-4339.4	1746	10.4	74033.7	-4347.2	1756	10.4	74147.7	-4331.3
1757	10.4	74149.2	-4354.8								
1758	10.0	74200.2	-4353.0								
1759	10.4	74204.7	-4308.7								
1760	10.4	74211.2	-4301.1								
1761	10.2	74217.2	-4323.0								
1762	10.4	74217.7	-4318.0								
1763	10.2	74223.7	-4334.9								
1764	9.9	74223.7	-4355.5								
1765	10.4	74227.7	-4314.3								
1766	10.4	74228.7	-4336.6								
1767	10.4	74229.7	-4315.0								
1768	9.6	74230.2	-4311.6								
1769	9.6	74232.2	-4303.4								
1770	10.4	74232.2	-4341.3								
1771	10.4	74233.2	-4330.8								
1772	9.2	74240.2	-4315.8								
1773	9.8	74241.2	-4315.6								
1774	9.7	74244.7	-4301.0								
1775	9.8	74245.2	-4334.0								
1776	10.2	74245.2	-4349.5								
1777	10.4	74245.2	-4306.0								
1778	10.4	74251.6	-4359.9								
1779	10.4	74253.7	-4305.9								
1780	10.2	74300.2	-4328.3								
1781	7.6	74304.7	-4302.0								
1782	9.7	74306.9	-4356.7								
1783	10.4	74307.1	-4330.4								
1784	7.6	74308.2	-4305.2								
1785	10.2	74320.2	-4320.2								
1786	10.4	74330.2	-4356.7								
1787	9.9	74334.7	-4307.9								
1788	10.4	74336.2	-4327.2								
1789	9.9	74336.2	-4355.0								
1790	10.4	74345.4	-4359.2								
1791	9.9	74349.2	-4345.9								
1792	10.4	74400.1	-4330.8								
1793	9.6	74400.2	-4317.5								
1794	10.2	74400.2	-4327.1								
1795	10.2	74403.1	-4304.0								
1796	9.7	74403.4	-4356.9								
1797	8.3	74403.6	-4357.7								
1798	8.6	74403.7	-4341.5								
1799	10.4	74406.7	-4323.7								
1800	10.4	74411.7	-4326.2								
1801	10.4	74412.2	-4348.7								
1802	10.2	74415.2	-4339.3								
1803	10.4	74417.7	-4359.1								
1804	10.2	74420.7	-4337.3								
1805	10.2	74421.7	-4341.5								
1806	9.7	74421.7	-4305.9								
1807	9.9	74425.2	-4316.3								
1808	9.9	74429.7	-4340.7								
1809	9.1	74431.2	-4315.6								
1810	10.2	74431.2	-4342.9								
1811	10.2	74432.1	-4317.3								
1812	10.1	74432.7	-4326.5								
1813	9.8	74434.7	-4332.4								
1814	10.2	74435.3	-4359.6								
1815	10.4	74437.2	-4347.8								
1816	10.2	74440.2	-4306.3								

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1817	9.7	74440.2	-4354.5	1907	10.0	75011.8	-4357.4	1997	8.0	75348.1	-4354.6
1818	10.4	74446.2	-4344.2	1908	10.1	75020.3	-4335.9	1998	9.6	75348.1	-4348.1
1819	10.4	74446.7	-4308.3	1909	9.2	75021.9	-4358.1	1999	9.0	75352.1	-4356.7
1820	9.6	74451.2	-4347.9	1910	10.0	75026.3	-4333.9	2000	10.4	75354.1	-4343.4
1821	8.8	74453.7	-4305.7	1911	10.4	75029.8	-4330.3	2001	9.8	75355.1	-4346.0
1822	9.6	74504.2	-4318.3	1912	9.8	75029.8	-4323.5	2002	10.4	75355.8	-4331.3
1823	9.6	74507.0	-4301.7	1913	10.2	75031.8	-4315.1	2003	9.9	75356.6	-4333.9
1824	7.6	74512.2	-4346.5	1914	10.2	75033.3	-4326.1	2004	10.2	75357.6	-4334.3
1825	9.6	74513.7	-4325.7	1915	9.0	75036.3	-4345.1	2005	10.4	75358.1	-4304.7
1826	9.9	74525.7	-4318.4	1916	10.4	75036.8	-4338.5	2006	9.0	75359.6	-4332.6
1827	10.0	74525.7	-4328.5	1917	10.4	75038.3	-4338.4	2007	10.0	75359.8	-4319.3
1828	10.4	74540.7	-4349.5	1918	10.2	75041.8	-4340.1	2008	10.4	75402.6	-4311.0
1829	10.1	74548.2	-4303.6	1919	9.8	75043.3	-4312.8	2009	10.2	75403.1	-4308.8
1830	9.8	74556.2	-4332.3	1920	8.8	75048.8	-4346.9	2010	8.6	75405.1	-4307.2
1831	10.4	74558.2	-4331.5	1921	10.4	75055.8	-4316.3	2011	9.6	75408.6	-4308.9
1832	10.4	74558.7	-4301.5	1922	10.4	75058.3	-4338.1	2012	10.4	75408.6	-4321.0
1833	9.2	74559.2	-4319.4	1923	9.8	75102.3	-4341.5	2013	9.8	75408.6	-4352.4
1834	10.2	74610.2	-4346.6	1924	9.3	75105.3	-4332.0	2014	9.9	75413.1	-4342.1
1835	10.4	74613.3	-4325.4	1925	8.5	75108.3	-4332.8	2015	10.0	75417.1	-4311.0
1836	10.2	74614.7	-4307.2	1926	9.1	75108.3	-4313.7	2016	10.0	75418.1	-4356.2
1837	9.8	74617.2	-4313.0	1927	9.8	75109.8	-4336.1	2017	8.9	75419.6	-4329.9
1838	9.6	74619.2	-4302.9	1928	10.4	75111.3	-4343.6	2018	10.4	75422.6	-4300.6
1839	10.2	74628.2	-4305.7	1929	10.0	75115.8	-4310.5	2019	10.4	75429.1	-4347.3
1840	10.4	74646.7	-4330.1	1930	10.4	75115.8	-4335.9	2020	10.4	75439.6	-4303.0
1841	9.4	74647.7	-4312.5	1931	10.4	75118.3	-4336.7	2021	9.7	75439.6	-4321.5
1842	10.4	74650.7	-4313.5	1932	10.4	75121.8	-4322.3	2022	10.4	75439.6	-4350.5
1843	9.6	74652.2	-4311.0	1933	9.7	75124.3	-4333.6	2023	10.4	75440.6	-4359.1
1844	10.2	74654.2	-4311.2	1934	10.0	75131.8	-4319.3	2024	10.4	75444.1	-4315.7
1845	10.4	74655.7	-4356.0	1935	10.0	75134.2	-4301.6	2025	10.4	75445.6	-4340.1
1846	9.4	74701.2	-4327.0	1936	8.6	75134.3	-4326.9	2026	10.2	75455.6	-4334.0
1847	10.4	74702.2	-4317.0	1937	10.4	75135.8	-4329.3	2027	10.4	75455.6	-4311.7
1848	9.8	74703.8	-4330.6	1938	9.9	75136.8	-4339.3	2028	10.2	75456.1	-4332.8
1849	10.2	74707.3	-4309.0	1939	6.6	75143.3	-4330.7	2029	8.2	75500.6	-4318.4
1850	10.4	74708.3	-4356.3	1940	10.0	75145.8	-4353.5	2030	9.8	75501.1	-4322.5
1851	10.0	74708.3	-4351.9	1941	10.0	75150.6	-4359.9	2031	10.2	75504.1	-4323.4
1852	9.9	74712.8	-4336.3	1942	10.1	75151.8	-4354.8	2032	10.2	75508.6	-4326.3
1853	9.6	74713.3	-4324.3	1943	9.9	75153.8	-4311.4	2033	10.2	75509.1	-4304.9
1854	8.3	74719.3	-4327.3	1944	10.4	75158.3	-4339.9	2034	10.4	75527.1	-4305.8
1855	10.4	74719.8	-4357.3	1945	9.1	75204.3	-4341.5	2035	8.6	75530.1	-4327.2
1856	10.4	74722.8	-4354.5	1946	8.7	75205.8	-4316.1	2036	10.4	75530.1	-4324.2
1857	9.8	74723.3	-4331.9	1947	10.1	75205.9	-4325.1	2037	10.4	75532.6	-4326.9
1858	8.6	74723.3	-4303.1	1948	9.1	75208.8	-4319.5	2038	10.4	75535.1	-4337.2
1859	10.4	74724.3	-4309.2	1949	8.9	75211.8	-4355.6	2039	9.6	75535.1	-4316.4
1860	10.0	74732.3	-4308.4	1950	9.8	75213.3	-4359.8	2040	9.9	75536.6	-4339.0
1861	10.0	74740.3	-4312.1	1951	9.6	75213.7	-4301.4	2041	10.2	75536.6	-4316.4
1862	10.4	74744.3	-4346.5	1952	10.4	75214.3	-4317.3	2042	9.8	75538.6	-4316.6
1863	9.6	74750.8	-4341.3	1953	10.4	75215.8	-4354.9	2043	10.4	75541.6	-4357.0
1864	10.4	74758.8	-4305.3	1954	10.4	75218.8	-4329.8	2044	10.4	75544.1	-4358.2
1865	9.7	74801.3	-4351.7	1955	10.4	75219.3	-4305.5	2045	8.0	75544.6	-4304.9
1866	9.9	74803.3	-4347.7	1956	10.1	75219.8	-4303.3	2046	10.0	75554.1	-4347.2
1867	9.1	74805.8	-4330.3	1957	10.4	75233.3	-4354.9	2047	10.2	75555.6	-4336.3
1868	9.6	74807.8	-4320.1	1958	10.1	75235.3	-4310.9	2048	10.0	75556.1	-4349.0
1869	10.0	74808.3	-4326.0	1959	9.9	75242.3	-4321.5	2049	10.4	75557.6	-4338.9
1870	9.7	74808.8	-4332.5	1960	10.2	75243.3	-4350.1	2050	10.0	75603.6	-4342.6
1871	9.1	74811.8	-4335.7	1961	10.2	75248.8	-4321.4	2051	9.9	75608.6	-4343.1
1872	9.8	74821.8	-4308.1	1962	9.8	75248.8	-4338.1	2052	9.8	75609.1	-4305.1
1873	10.0	74822.3	-4343.1	1963	5.5	75252.3	-4309.9	2053	10.4	75609.7	-4332.1
1874	10.4	74824.3	-4304.1	1964	10.2	75252.8	-4307.7	2054	10.4	75612.6	-4357.8
1875	10.4	74824.8	-4322.1	1965	10.2	75257.8	-4308.4	2055	10.4	75613.6	-4329.9
1876	10.4	74826.8	-4329.1	1966	10.2	75259.8	-4337.2	2056	10.4	75614.6	-4332.2
1877	10.4	74827.8	-4357.3	1967	10.4	75300.3	-4318.0	2057	9.6	75619.1	-4303.7
1878	10.0	74829.8	-4350.3	1968	8.0	75302.3	-4308.9	2058	10.4	75619.6	-4326.0
1879	9.6	74831.8	-4335.9	1969	10.4	75307.8	-4353.6	2059	10.4	75623.1	-4351.2
1880	9.6	74834.3	-4341.3	1970	10.1	75308.3	-4304.7	2060	10.4	75631.6	-4325.3
1881	9.7	74834.8	-4341.7	1971	9.6	75312.3	-4335.8	2061	10.4	75634.6	-4315.9
1882	10.0	74835.3	-4345.1	1972	8.0	75312.3	-4316.0	2062	10.2	75635.6	-4334.0
1883	10.2	74844.3	-4306.6	1973	10.1	75313.8	-4330.0	2063	10.4	75639.1	-4348.4
1884	10.1	74852.8	-4305.6	1974	5.3	75315.1	-4346.3	2064	10.2	75639.6	-4331.0
1885	8.9	74857.8	-4352.4	1975	10.2	75315.3	-4312.0	2065	10.4	75641.6	-4309.2
1886	10.4	74859.8	-4304.5	1976	9.8	75315.7	-4300.1	2066	7.8	75643.1	-4328.3
1887	9.1	74900.8	-4329.3	1977	10.4	75320.1	-4351.3	2067	10.4	75643.1	-4352.0
1888	9.9	74917.8	-4337.1	1978	9.9	75321.6	-4324.2	2068	10.4	75645.6	-4336.1
1889	10.0	74918.3	-4327.1	1979	9.7	75322.1	-4346.9	2069	9.8	75647.6	-4320.3
1890	9.7	74923.8	-4311.1	1980	10.4	75326.6	-4356.9	2070	10.4	75649.6	-4350.9
1891	9.9	74928.8	-4307.1	1981	9.8	75328.6	-4341.5	2071	10.4	75651.1	-4326.4
1892	9.6	74932.8	-4336.7	1982	10.4	75328.6	-4345.1	2072	10.4	75653.1	-4355.9
1893	10.0	74932.8	-4351.9	1983	10.0	75330.1	-4339.2	2073	10.0	75657.6	-4313.1
1894	10.2	74933.8	-4304.8	1984	10.4	75333.1	-4338.1	2074	10.4	75659.1	-4303.6
1895	10.4	74934.3	-4345.3	1985	8.9	75334.6	-4308.2	2075	9.1	75701.6	-4355.0
1896	10.0	74937.8	-4307.5	1986	9.2	75335.1	-4305.0	2076	10.4	75703.6	-4312.8
1897	10.2	74940.8	-4341.7	1987	8.1	75336.1	-4309.8	2077	10.4	75710.1	-4356.1
1898	9.6	74941.3	-4313.7	1988	10.4	75337.6	-4320.6	2078	10.4	75712.6	-4313.8
1899	9.4	74952.8	-4316.4	1989	10.0	75338.1	-4330.9	2079	10.1	75719.1	-4310.2
1900	7.8	74953.3	-4340.4	1990	10.1	75339.6	-4316.3	2080	10.0	75720.1	-4314.8
1901	10.4	74959.3	-4358.9	1991	10.2	75341.1	-4322.5	2081	9.4	75730.6	-4309.2
1902	10.1	75000.3	-4338.5	1992	10.0	75342.6	-4306.2	2082	10.4	75735.6	-4342.1
1903	9.6	75000.8	-4332.3	1993	10.4	75343.6	-4307.4	2083	10.4	75740.6	-4356.0
1904	9.6	75005.8	-4312.2	1994	10.4	75344.1	-4335.8	2084	10.4	75742.1	-4324.9
1905	9.9	75006.3	-4333.3	1995	9.8	75346.6	-4317.4	2085	9.1	75742.6	-4311.2
1906	9.6	75006.3	-4345.3	1996	10.2	75346.6	-4355.2	2086	9.8	75744.6	-4303.5
								2087	10.4	75745.1	-4311.6
								2088	9.8	75745.6	-4305.9
								2089	10.4	75748.6	-4313.1
								2090	10.4	75756.1	-4305.2
								2091	10.4	75757.1	-4335.0
								2092	9.9	75759.6	-4327.5
								2093	9.9	75802.6	-4307.5
								2094	9.9	75803.6	-4345.0
								2095	10.2	75808.6	-4350.2
								2096	9.2	75809.6	-4319.2
								2097	9.9	75811.1	-4307.2
								2098	10.0	75812.1	-4325.5
								2099	10.1	75815.6	-4337.0
								2100	10.1	75817.1	-4355.1
								2101	10.0	75828.6	-4342.9
								2102	10.2	75831.6	-4310.1
								2103	10.2	75838.1	-4315.8
								2104	9.6	75842.6	-4319.1
								2105	10.4	75842.8	-4300.3
								2106	9.9	75854.1	-4306.5
								2107	9.4	75854.6	-4354.8
								2108	10.4	75855.1	-4359.1
								2109	9.9	75859.1	-4321.1
								2110	10.4	75902.6	-4306.3
								2111	10.4	75902.6	-4358.6
								2112	10.4	75903.1	-4332.1
								2113	10.2	75904.6	-4359.5
								2114	10.4	75905.1	-4331.6
								2115	8.4	75908.1	-4307.9
								2116	10.2	75913.1	-4325.5
								2117	10.2	75916.1	-4309.2
								2118	9.7	75917.6	-4340.1
								2119	10.2	75922.1	-4331.9
								2120	10.4	75923.1	-4310.3
								2121	10.2	75925.1	-4341.2
								2122	8.4	75925.6	-4349.0
								2123	9.7	75931.1	-4314.1
								2124	10.4	75935.6	-4310.5
								2125	10.4	75938.6	-4334.5
								2126	9.7	75943.6	-4305.3
								2127	10.2	75943.6	-4304.1
								2128	10.4	75944.3	-4358.4
								2129	9.3	75949.1	-4314.3
								2130	10.2	75949.1	-4345.6
								2131	10.0	75951.1	-4323.9
								2132	10.1	75955.1	-4303.9
								2133	9.8	75955.1	-4305.8
								2134	9.7	75956.6	-4306.1
								2135	10.1	75957.1	-4336.3
								2136	10.2	80000.1	-4319.2
								2137	10.2	80000.6	-4303.7
								2138	9.8	80003.1	-4306.0
								2139	10.4	80006.6	-4336.9
								2140	10.2	80013.6	-4324.9
								2141	10.0	80014.6	-4303.9
								2142	10.1	80017.6	-4359.5
								2143	8.2	80018.1	-4353.0
								2144	10.4	80018.1	-4335.1
								2145	10.1	80019.6	-4332.6
								2146	9.2	80019.6	-4331.2
								2147	8.8	80021.6	-4336.8
								2148	9.7	80022.1	-4309.6
								2149	10.0	80028.6	-4317.6
								2150	9.2	80030.6	-4330.3
								2151	10.2	80032.1	-4310.3
								2152	10.4	80043.1	-4305.7
								2153	10.4	80045.6	-4341.2
								2154	10.4	80052.1	-4305.2
								2155	10.4	80103.1	-4305.1
								2156	10.4	80105.6	-4318.9
								2157	10.4	80109.1	-4326.8
								2158	10.2	80109.6	-4350.0
								2159	10.2	80110.1	-4330.7
								2160	10.4	80111.1	-4307.2
								2161	8.0	80112.6	-4358.4
								2162	10.4	80113.1	-4306.7
								2163	8.0	80115.6	-4352.2
								2164	10.2	80117.1	-4341.5
								2165	10.4	80119.6	-4312.9
								2166	10.2	80121.6	-4336.7
								2167	9.1	80126.6	-4307.6
								2168	9.2	80129.6	-4349.5
								2169	10.2	80130.6	-4308.8
								2170	9.7	80133.1	-4345.1
								2171	10.2	80141.1	-4339.2
								2172	9.6	80141.8	-4339.0
								2173	9.8	80149.8	-4333.9
								2174	10.4	80150.1	-4300.3
								2175	9.8	80150.7	-4301.8
								2176	10.4	80152.8	-4340.7

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2177	8.9	80155.3	-4323.9
2178	10.4	80206.4	-4319.5
2179	10.4	80206.8	-4347.4
2180	9.0	80207.3	-4331.7
2181	10.4	80210.8	-4327.9
2182	10.4	80211.8	-4327.4
2183	10.4	80211.8	-4315.3
2184	10.4	80217.3	-4303.1
2185	10.4	80219.4	-4342.1
2186	10.2	80220.3	-4306.9
2187	10.2	80221.3	-4348.0
2188	9.9	80224.3	-4342.9
2189	10.4	80225.8	-4314.2
2190	10.2	80227.8	-4308.9
2191	8.3	80229.3	-4314.3
2192	9.7	80229.4	-4310.7
2193	9.2	80230.3	-4303.8
2194	9.3	80231.3	-4347.9
2195	10.2	80232.8	-4348.4
2196	8.1	80235.8	-4326.9
2197	10.4	80237.8	-4313.6
2198	8.6	80241.3	-4331.9
2199	10.2	80242.3	-4356.3
2200	9.6	80245.3	-4305.2
2201	9.7	80246.8	-4332.6
2202	10.4	80253.8	-4310.0
2203	10.0	80254.8	-4327.1
2204	9.7	80257.3	-4358.0
2205	10.4	80303.8	-4300.8
2206	9.8	80304.8	-4308.3
2207	9.6	80305.3	-4341.1
2208	9.6	80308.3	-4322.9
2209	10.0	80309.7	-4301.7
2210	9.1	80310.3	-4344.5
2211	9.9	80310.3	-4305.7
2212	10.4	80313.3	-4311.9
2213	10.4	80316.3	-4324.7
2214	10.2	80319.3	-4336.1
2215	9.8	80321.3	-4334.4
2216	9.9	80323.8	-4325.9
2217	10.4	80323.8	-4334.6
2218	10.4	80323.8	-4352.1
2219	10.2	80325.8	-4315.5
2220	10.2	80340.8	-4322.9
2221	10.2	80341.3	-4303.1
2222	10.1	80349.3	-4347.9
2223	10.0	80349.8	-4356.9
2224	9.0	80354.3	-4316.9
2225	10.0	80355.3	-4348.9
2226	8.9	80358.3	-4344.0
2227	10.4	80402.8	-4340.0
2228	10.4	80405.1	-4306.7
2229	9.8	80405.8	-4359.1
2230	10.2	80406.3	-4320.7
2231	9.7	80406.6	-4308.9
2232	10.4	80410.5	-4342.6
2233	10.2	80411.6	-4347.0
2234	9.7	80417.8	-4357.3
2235	10.1	80420.1	-4350.4
2236	10.4	80421.3	-4318.1
2237	8.8	80424.3	-4353.8
2238	10.4	80425.3	-4349.1
2239	10.4	80426.3	-4324.5
2240	10.4	80428.8	-4317.1
2241	8.0	80429.3	-4359.1
2242	10.2	80433.8	-4323.9
2243	10.4	80435.4	-4339.8
2244	10.4	80435.6	-4341.0
2245	9.3	80440.8	-4301.9
2246	10.2	80442.8	-4303.1
2247	9.7	80444.6	-4358.5
2248	10.4	80446.6	-4314.8
2249	10.4	80447.3	-4303.8
2250	10.4	80449.3	-4338.5
2251	9.6	80451.9	-4316.1
2252	10.2	80453.1	-4300.1
2253	10.2	80453.9	-4332.0
2254	10.0	80454.6	-4327.6
2255	9.5	80458.4	-4340.7
2256	9.7	80500.9	-4355.2
2257	9.4	80512.8	-4301.8
2258	10.0	80514.4	-4312.4
2259	9.8	80520.9	-4328.1
2260	10.2	80523.6	-4301.4
2261	10.0	80526.9	-4303.5
2262	6.5	80529.4	-4345.2
2263	10.0	80529.9	-4313.6
2264	10.2	80530.9	-4347.8
2265	7.7	80541.9	-4309.6
2266	10.2	80541.9	-4359.1
2267	8.0	80544.4	-4320.7
2268	10.2	80550.9	-4310.8
2269	8.0	80554.2	-4358.7
2270	9.8	80554.4	-4319.8
2271	10.2	80556.6	-4357.0
2272	10.2	80558.4	-4329.0
2273	10.2	80600.4	-4327.6
2274	9.2	80605.9	-4340.9
2275	10.2	80606.4	-4349.8
2276	9.8	80608.4	-4336.2
2277	10.0	80610.9	-4310.9
2278	10.2	80617.9	-4332.9
2279	9.9	80638.7	-4300.3
2280	9.8	80639.4	-4325.6
2281	9.7	80639.9	-4314.5
2282	10.0	80640.3	-4300.1
2283	9.6	80651.4	-4353.0
2284	10.2	80652.4	-4303.0
2285	8.9	80652.7	-4356.8
2286	10.2	80700.9	-4320.9
2287	10.2	80702.9	-4309.8
2288	9.8	80710.4	-4327.1
2289	10.2	80710.9	-4334.8
2290	10.0	80716.9	-4344.6
2291	9.7	80728.4	-4325.7
2292	9.0	80735.9	-4339.8
2293	9.2	80735.9	-4342.7
2294	8.3	80740.4	-4352.0
2295	9.9	80743.9	-4305.0
2296	9.2	80744.9	-4324.2
2297	10.0	80746.9	-4307.0
2298	10.2	80748.4	-4318.7
2299	10.0	80752.9	-4355.4
2300	7.6	80754.5	-4301.6
2301	10.2	80755.9	-4311.6
2302	10.2	80758.9	-4347.9
2303	10.0	80800.9	-4347.4
2304	10.2	80803.4	-4325.6
2305	9.8	80805.4	-4303.0
2306	9.9	80806.9	-4347.0
2307	8.8	80808.4	-4336.2
2308	10.2	80815.4	-4332.0
2309	9.8	80816.9	-4345.8
2310	9.9	80824.9	-4335.6
2311	10.2	80826.4	-4315.6
2312	9.6	80828.4	-4308.7
2313	10.2	80830.4	-4339.4
2314	9.8	80832.9	-4337.0
2315	9.2	80833.1	-4358.0
2316	9.7	80833.9	-4343.5
2317	9.0	80839.9	-4322.8
2318	10.0	80842.9	-4325.0
2319	10.2	80843.9	-4333.6
2320	9.8	80846.9	-4311.2
2321	10.0	80848.4	-4319.7
2322	9.8	80856.9	-4355.4
2323	9.7	80900.9	-4354.1
2324	10.0	80902.9	-4316.6
2325	9.8	80904.3	-4331.7
2326	9.8	80912.8	-4326.4
2327	10.0	80924.3	-4323.3
2328	9.6	80926.3	-4336.9
2329	9.8	80928.3	-4306.2
2330	10.2	80929.3	-4352.9
2331	9.8	80930.8	-4321.6
2332	9.6	80932.8	-4345.1
2333	10.2	80935.8	-4319.4
2334	9.9	80936.8	-4310.1
2335	10.2	80941.3	-4336.4
2336	9.4	80942.8	-4314.4
2337	9.0	80945.3	-4331.8
2338	9.6	80950.8	-4306.2
2339	10.0	80954.3	-4305.2
2340	10.0	80956.3	-4343.1
2341	9.9	80958.8	-4327.6
2342	9.6	81002.0	-4358.1
2343	9.8	81005.8	-4335.0
2344	9.6	81006.3	-4305.1
2345	8.6	81006.8	-4318.9
2346	10.2	81010.3	-4309.9
2347	10.2	81022.3	-4350.1
2348	10.2	81022.4	-4357.0
2349	9.4	81024.3	-4345.7
2350	10.2	81027.3	-4352.2
2351	10.2	81028.8	-4309.0
2352	9.8	81029.3	-4308.6
2353	9.6	81031.3	-4313.4
2354	10.2	81032.8	-4328.9
2355	10.0	81032.8	-4329.2
2356	9.2	81034.3	-4333.3
2357	9.6	81035.8	-4316.1
2358	9.0	81041.8	-4307.0
2359	10.2	81044.3	-4304.6
2360	9.7	81044.6	-4301.6
2361	9.2	81047.0	-4357.7
2362	10.2	81050.2	-4346.1
2363	9.5	81050.7	-4349.1
2364	10.2	81057.2	-4307.0
2365	10.2	81059.7	-4337.0
2366	10.2	81100.2	-4310.6
2367	8.3	81103.7	-4308.2
2368	9.9	81103.7	-4335.1
2369	10.2	81105.2	-4302.7
2370	9.7	81106.7	-4351.7
2371	9.6	81109.2	-4318.5
2372	10.0	81112.2	-4312.5
2373	9.8	81112.7	-4332.8
2374	10.0	81112.7	-4342.3
2375	9.8	81113.2	-4332.4
2376	9.9	81114.2	-4312.7
2377	10.2	81119.2	-4350.0
2378	9.8	81120.7	-4314.9
2379	10.2	81124.2	-4337.0
2380	9.2	81125.7	-4319.0
2381	9.2	81126.7	-4317.4
2382	9.8	81130.7	-4350.8
2383	9.6	81131.7	-4356.7
2384	8.7	81133.7	-4356.4
2385	9.6	81134.2	-4341.7
2386	10.2	81135.8	-4301.0
2387	10.0	81138.2	-4336.5
2388	9.9	81139.7	-4320.5
2389	10.2	81140.2	-4344.6
2390	9.6	81145.7	-4354.1
2391	9.2	81146.2	-4311.3
2392	9.2	81148.7	-4311.1
2393	9.6	81150.7	-4331.6
2394	10.2	81152.2	-4350.6
2395	10.2	81152.9	-4311.2
2396	8.2	81153.7	-4356.2
2397	8.6	81154.2	-4349.7
2398	10.2	81156.7	-4342.0
2399	9.4	81159.2	-4315.1
2400	10.0	81200.2	-4301.0
2401	9.7	81207.7	-4346.1
2402	9.9	81208.2	-4357.2
2403	10.2	81209.7	-4346.1
2404	8.6	81210.2	-4357.7
2405	10.0	81212.2	-4330.2
2406	10.2	81230.7	-4321.1
2407	10.2	81235.5	-4356.9
2408	10.2	81237.7	-4317.5
2409	8.7	81238.3	-4302.9
2410	9.4	81239.2	-4358.2
2411	10.2	81240.2	-4335.9
2412	9.7	81241.7	-4325.8
2413	9.3	81243.7	-4314.4
2414	10.0	81245.2	-4340.5
2415	9.6	81248.2	-4350.1
2416	10.0	81249.2	-4355.9
2417	10.0	81305.7	-4303.6
2418	10.2	81310.7	-4354.9
2419	9.8	81316.7	-4327.5
2420	8.6	81318.2	-4313.9
2421	10.2	81319.7	-4346.1
2422	9.6	81320.7	-4316.2
2423	9.8	81321.2	-4347.7
2424	10.0	81325.7	-4317.9
2425	9.8	81327.7	-4353.2
2426	9.8	81337.2	-4325.4
2427	8.9	81337.7	-4309.4
2428	10.2	81338.2	-4300.0
2429	9.6	81342.7	-4338.0
2430	10.2	81349.2	-4353.3
2431	10.0	81351.2	-4337.7
2432	9.5	81354.2	-4329.5
2433	9.4	81355.7	-4357.2
2434	9.9	81401.2	-4312.5
2435	9.9	81403.2	-4312.9
2436	9.2	81404.7	-4319.2
2437	9.8	81408.7	-4351.5
2438	9.8	81413.7	-4327.6
2439	8.8	81416.7	-4352.7
2440	9.9	81416.7	-4325.1
2441	9.8	81432.2	-4336.9
2442	9.7	81433.2	-4340.9
2443	10.2	81436.7	-4329.8
2444	9.7	81437.7	-4336.7
2445	9.2	81441.7	-4353.1
2446	9.7	81443.7	-4326.1

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2447	10.2	81444.7	-4345.1
2448	9.8	81447.7	-4351.0
2449	10.0	81449.7	-4327.4
2450	9.9	81455.5	-4356.9
2451	10.2	81458.7	-4356.7
2452	8.6	81501.7	-4334.9
2453	9.8	81501.7	-4354.1
2454	10.0	81505.2	-4343.1
2455	10.2	81506.7	-4309.5
2456	9.7	81509.2	-4329.4
2457	10.2	81513.7	-4331.0
2458	10.2	81518.7	-4338.0
2459	10.2	81519.7	-4333.5
2460	10.2	81526.8	-4313.2
2461	10.0	81528.8	-4337.0
2462	10.0	81528.8	-4354.5
2463	10.0	81532.0	-4300.5
2464	10.2	81534.3	-4312.6
2465	9.6	81539.8	-4309.2
2466	9.8	81539.8	-4337.4
2467	10.2	81542.3	-4321.7
2468	10.2	81542.3	-4353.4
2469	10.2	81548.8	-4313.9
2470	9.8	81551.3	-4333.9
2471	10.2	81553.8	-4310.6
2472	10.2	81557.8	-4346.2
2473	9.9	81556.8	-4342.1
2474	10.0	81600.3	-4324.7
2475	9.7	81602.3	-4318.7
2476	9.1	81604.3	-4329.2
2477	9.7	81604.3	-4358.2
2478	10.2	81615.3	-4303.0
2479	9.5	81619.8	-4345.3
2480	7.7	81623.3	-4351.5
2481	10.2	81630.8	-4348.2
2482	10.2	81641.5	-4301.3
2483	10.0	81644.3	-4300.9
2484	10.2	81644.8	-4314.4
2485	8.6	81645.3	-4312.6
2486	9.6	81647.3	-4339.3
2487	9.2	81648.3	-4359.9
2488	9.7	81659.3	-4316.2
2489	9.7	81700.3	-4337.1
2490	10.2	81702.3	-4344.5
2491	9.6	81705.8	-4300.0
2492	9.4	81708.8	-4359.1
2493	9.8	81714.8	-4337.3
2494	10.2	81724.1	-4359.6
2495	10.2	81727.8	-4334.5
2496	8.6	81730.3	-4349.8
2497	9.8	81735.3	-4343.1
2498	10.0	81740.3	-4348.0
2499	9.9	81740.3	-4353.1
2500	10.0	81740.3	-4312.4
2501	8.7	81753.8	-4315.9
2502	8.3	81754.8	-4355.1
2503	9.5	81756.8	-4328.2
2504	10.0	81802.3	-4307.9
2505	10.2	81805.8	-4337.2
2506	9.6	81815.3	-4341.2
2507	9.2	81817.3	-4330.2
2508	9.9	81818.8	-4339.9
2509	9.8	81820.3	-4331.9
2510	10.2	81821.0	-4320.3
2511	9.7	81823.0	-4309.1
2512	8.1	81824.0	-4347.2
2513	9.6	81832.0	-4306.7
2514	9.4	81832.2	-4358.2
2515	9.8	81844.7	-4359.4
2516	9.7	81853.5	-4349.1
2517	10.2	81855.5	-4352.7
2518	9.9	81857.0	-4348.4
2519	9.5	81903.0	-4350.4
2520	10.0	81909.0	-4351.2
2521	10.2	81911.0	-4324.4
2522	9.8	81911.8	-4300.5
2523	9.0	81912.5	-4303.7
2524	8.7	81917.0	-4350.5
2525	9.0	81923.0	-4320.0
2526	9.6	81925.0	-4323.0
2527	10.2	81927.2	-4353.5
2528	10.2	81929.5	-4344.1
2529	9.8	81944.5	-4351.1
2530	9.9	81945.0	-4344.2
2531	10.2	81945.5	-4358.5
2532	10.2	81946.0	-4308.7
2533	9.8	81952.0	-4301.6
2534	9.2	81954.0	-4317.7
2535	9.7	81954.5	-4320.2
2536	9.6	82005.0	-4306.5

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2537	10.2	82007.5	-4309.0	2627	9.9	82430.8	-4303.0	2717	9.4	82921.1	-4353.3
2538	10.2	82010.5	-4330.3	2628	9.9	82434.6	-4353.1	2718	8.7	82921.6	-4301.3
2539	10.2	82018.0	-4328.8	2629	10.2	82434.6	-4336.6	2719	9.4	82921.6	-4318.1
2540	10.2	82026.0	-4318.7	2630	10.0	82441.6	-4340.9	2720	9.5	82931.1	-4344.7
2541	9.6	82026.5	-4322.3	2631	10.2	82443.1	-4337.1	2721	10.2	82932.6	-4314.7
2542	9.6	82032.0	-4337.4	2632	10.2	82445.6	-4340.8	2722	10.2	82934.1	-4322.1
2543	9.5	82032.0	-4328.2	2633	8.5	82447.6	-4349.4	2723	10.0	82935.6	-4322.0
2544	10.2	82032.0	-4314.1	2634	9.4	82448.1	-4315.3	2724	10.2	82946.1	-4341.7
2545	10.2	82033.0	-4310.8	2635	8.3	82449.6	-4330.1	2725	8.8	83002.6	-4334.9
2546	9.6	82037.0	-4341.9	2636	6.4	82452.6	-4344.6	2726	9.0	83011.2	-4345.4
2547	10.0	82039.0	-4322.7	2637	10.0	82452.6	-4351.2	2727	9.1	83011.6	-4303.1
2548	9.8	82041.0	-4324.6	2638	10.2	82456.6	-4327.1	2728	9.8	83017.6	-4328.1
2549	8.9	82042.0	-4342.8	2639	9.1	82457.3	-4303.0	2729	8.0	83019.1	-4350.3
2550	8.3	82043.5	-4353.7	2640	9.0	82459.6	-4332.9	2730	10.0	83020.1	-4355.7
2551	9.8	82047.0	-4323.6	2641	10.2	82500.6	-4307.3	2731	10.0	83021.1	-4356.2
2552	9.6	82050.0	-4346.7	2642	10.2	82502.1	-4311.3	2732	8.8	83022.6	-4352.5
2553	10.2	82053.5	-4311.4	2643	8.8	82503.6	-4325.5	2733	9.1	83026.1	-4355.1
2554	10.2	82058.5	-4332.6	2644	8.8	82505.6	-4313.1	2734	9.8	83026.1	-4325.6
2555	10.2	82102.6	-4308.0	2645	8.0	82521.6	-4340.9	2735	9.6	83027.2	-4359.3
2556	10.2	82104.0	-4317.8	2646	9.8	82525.6	-4355.7	2736	9.3	83029.1	-4355.5
2557	10.2	82107.8	-4302.8	2647	10.2	82531.1	-4355.5	2737	10.2	83029.6	-4317.9
2558	10.0	82109.5	-4315.5	2648	10.2	82531.6	-4356.4	2738	9.8	83033.6	-4339.5
2559	9.8	82112.0	-4337.4	2649	9.9	82534.6	-4320.5	2739	9.4	83038.1	-4331.1
2560	9.8	82114.0	-4353.1	2650	8.9	82541.6	-4352.9	2740	8.9	83038.6	-4314.9
2561	10.0	82115.0	-4302.5	2651	9.6	82547.6	-4353.6	2741	10.2	83039.1	-4320.8
2562	9.8	82121.0	-4339.1	2652	10.2	82549.6	-4314.0	2742	9.5	83041.1	-4335.1
2563	9.6	82122.0	-4331.8	2653	8.9	82551.6	-4352.5	2743	10.2	83043.9	-4300.9
2564	10.2	82126.5	-4351.4	2654	9.6	82555.1	-4351.2	2744	9.9	83043.6	-4308.5
2565	10.2	82135.0	-4339.6	2655	9.7	82558.1	-4305.8	2745	9.3	83055.1	-4347.9
2566	8.0	82144.5	-4336.8	2656	10.2	82559.1	-4316.3	2746	9.6	83059.1	-4359.6
2567	10.2	82146.0	-4300.1	2657	10.0	82601.6	-4328.5	2747	8.6	83059.6	-4351.9
2568	9.8	82146.5	-4351.1	2658	9.6	82601.6	-4315.0	2748	9.5	83101.1	-4336.5
2569	9.5	82147.5	-4339.2	2659	9.8	82601.6	-4304.6	2749	9.4	83102.6	-4359.7
2570	10.0	82155.5	-4322.2	2660	9.3	82608.1	-4337.5	2750	9.6	83102.6	-4349.9
2571	9.6	82200.0	-4308.6	2661	9.1	82616.5	-4331.2	2751	9.6	83108.6	-4305.9
2572	9.6	82201.0	-4356.2	2662	9.9	82624.9	-4301.4	2752	9.4	83112.6	-4337.1
2573	9.8	82202.5	-4345.5	2663	9.9	82628.5	-4327.4	2753	9.6	83113.6	-4358.4
2574	10.2	82205.0	-4345.7	2664	10.2	82629.6	-4304.1	2754	9.6	83115.1	-4304.2
2575	9.7	82207.0	-4329.7	2665	10.2	82631.6	-4336.8	2755	9.6	83117.6	-4356.3
2576	9.9	82208.0	-4346.8	2666	10.2	82635.1	-4345.7	2756	10.2	83120.1	-4317.4
2577	9.6	82209.5	-4331.2	2667	10.2	82641.4	-4312.5	2757	9.8	83125.6	-4354.5
2578	10.2	82210.5	-4355.9	2668	9.7	82708.9	-4319.9	2758	8.0	83129.1	-4319.3
2579	10.0	82213.5	-4354.1	2669	10.2	82709.4	-4322.2	2759	9.8	83129.1	-4339.1
2580	9.6	82214.5	-4323.6	2670	9.9	82711.4	-4332.8	2760	10.0	83133.6	-4352.3
2581	10.2	82216.5	-4335.1	2671	9.1	82714.9	-4318.8	2761	10.2	83135.1	-4329.3
2582	9.8	82218.5	-4309.5	2672	9.6	82719.9	-4326.0	2762	9.7	83138.6	-4345.2
2583	9.8	82218.5	-4305.3	2673	9.6	82720.4	-4329.6	2763	9.5	83139.1	-4347.1
2584	8.8	82219.0	-4332.1	2674	8.4	82724.4	-4359.7	2764	9.4	83139.6	-4333.1
2585	9.4	82220.0	-4333.3	2675	9.2	82727.9	-4310.5	2765	10.2	83140.6	-4311.2
2586	8.2	82220.6	-4300.0	2676	8.8	82730.4	-4326.1	2766	9.8	83140.9	-4359.1
2587	10.0	82225.6	-4326.9	2677	8.5	82732.9	-4323.9	2767	9.5	83141.6	-4314.2
2588	10.3	82230.1	-4329.4	2678	9.0	82738.9	-4358.9	2768	8.5	83145.4	-4357.9
2589	10.3	82233.1	-4348.8	2679	10.2	82739.9	-4334.4	2769	9.7	83146.2	-4329.7
2590	9.1	82236.6	-4328.5	2680	9.8	82742.9	-4341.6	2770	9.2	83146.2	-4336.3
2591	8.8	82242.1	-4327.1	2681	9.7	82743.9	-4321.0	2771	10.2	83147.0	-4323.1
2592	10.2	82242.7	-4315.1	2682	9.8	82747.9	-4320.2	2772	9.6	83149.4	-4318.4
2593	9.2	82247.6	-4327.3	2683	10.2	82750.9	-4326.5	2773	10.2	83156.6	-4337.7
2594	10.2	82247.6	-4358.7	2684	8.0	82801.4	-4330.4	2774	8.8	83157.4	-4323.4
2595	8.8	82253.1	-4349.2	2685	9.7	82802.9	-4345.7	2775	10.2	83159.0	-4312.3
2596	10.0	82253.6	-4332.1	2686	10.2	82806.9	-4317.9	2776	10.2	83202.9	-4357.8
2597	9.8	82305.6	-4310.4	2687	10.2	82809.9	-4350.8	2777	10.2	83203.1	-4345.5
2598	9.8	82316.5	-4358.7	2688	9.7	82810.4	-4347.4	2778	10.2	83213.4	-4348.0
2599	9.8	82318.1	-4319.7	2689	10.2	82811.9	-4328.1	2779	10.0	83213.4	-4302.2
2600	9.7	82323.6	-4316.7	2690	9.8	82814.9	-4311.1	2780	10.0	83215.9	-4352.5
2601	9.7	82327.1	-4318.1	2691	10.0	82814.9	-4323.2	2781	8.4	83218.7	-4338.8
2602	10.2	82328.1	-4357.6	2692	9.8	82816.9	-4323.3	2782	10.2	83221.4	-4359.7
2603	9.4	82331.6	-4322.2	2693	9.7	82821.4	-4308.5	2783	10.2	83225.7	-4345.1
2604	9.8	82335.1	-4357.8	2694	9.0	82823.9	-4336.0	2784	10.1	83235.9	-4332.8
2605	9.8	82348.6	-4336.1	2695	8.3	82824.9	-4337.1	2785	10.0	83239.7	-4332.9
2606	9.3	82349.6	-4338.3	2696	8.8	82827.4	-4352.4	2786	9.2	83242.1	-4320.6
2607	10.2	82351.6	-4345.4	2697	9.8	82837.9	-4306.2	2787	8.2	83242.7	-4340.8
2608	9.6	82354.6	-4355.3	2698	10.2	82837.9	-4325.8	2788	7.4	83244.6	-4322.5
2609	8.8	82357.6	-4348.4	2699	8.5	82838.5	-4300.1	2789	7.8	83246.2	-4305.9
2610	9.9	82358.6	-4328.3	2700	10.0	82838.9	-4304.3	2790	10.0	83248.2	-4334.7
2611	10.0	82359.4	-4300.9	2701	9.4	82841.9	-4303.6	2791	10.0	83250.2	-4334.9
2612	10.2	82401.6	-4320.2	2702	9.0	82842.9	-4348.6	2792	9.6	83250.7	-4323.3
2613	10.2	82403.1	-4303.8	2703	9.7	82843.9	-4306.7	2793	10.2	83250.9	-4359.1
2614	10.0	82406.6	-4331.9	2704	9.8	82847.6	-4357.9	2794	9.8	83252.7	-4325.0
2615	9.8	82408.6	-4319.3	2705	9.8	82849.6	-4320.7	2795	10.0	83300.7	-4359.1
2616	9.8	82408.6	-4335.9	2706	7.8	82850.6	-4315.4	2796	9.6	83300.7	-4322.3
2617	9.9	82412.6	-4330.4	2707	10.2	82851.1	-4302.5	2797	10.0	83300.7	-4329.0
2618	9.8	82414.1	-4350.4	2708	10.0	82856.6	-4325.1	2798	9.8	83301.2	-4339.7
2619	9.8	82414.6	-4314.1	2709	8.8	82858.6	-4318.5	2799	10.2	83302.2	-4322.5
2620	10.2	82417.1	-4355.4	2710	10.2	82859.6	-4325.7	2800	10.2	83303.7	-4336.3
2621	10.2	82417.6	-4343.5	2711	9.8	82903.1	-4314.2	2801	10.0	83307.2	-4330.9
2622	9.9	82418.6	-4302.1	2712	9.4	82904.6	-4313.9	2802	10.2	83314.7	-4331.7
2623	10.2	82420.6	-4359.3	2713	10.2	82910.6	-4341.7	2803	9.8	83328.7	-4307.2
2624	10.0	82425.6	-4349.1	2714	10.2	82912.1	-4318.7	2804	10.2	83328.7	-4353.3
2625	10.2	82428.1	-4351.2	2715	9.6	82912.6	-4324.0	2805	10.2	83331.7	-4331.9
2626	9.5	82430.6	-4307.4	2716	10.0	82912.6	-4359.1	2806	10.1	83332.7	-4347.3
2807	10.2	83335.7	-4336.3								
2808	9.6	83342.2	-4347.9								
2809	10.2	83343.2	-4351.5								
2810	10.0	83343.7	-4329.0								
2811	9.0	83354.7	-4339.3								
2812	9.1	83401.2	-4340.1								
2813	9.0	83402.2	-4351.7								
2814	10.0	83402.7	-4337.1								
2815	10.2	83406.7	-4336.3								
2816	10.0	83404.7	-4352.3								
2817	10.2	83407.2	-4337.9								
2818	10.0	83409.2	-4351.8								
2819	9.8	83409.7	-4316.3								
2820	9.8	83415.7	-4311.3								
2821	10.0	83426.7	-4338.0								
2822	10.2	83428.7	-4326.9								
2823	8.4	83430.7	-4319.2								
2824	9.8	83436.2	-4338.1								
2825	10.2	83437.6	-4312.9								
2826	10.0	83442.6	-4317.5								
2827	9.8	83443.7	-4337.5								
2828	9.8	83445.7	-4306.7								
2829	9.8	83446.7	-4330.2								
2830	10.1	83452.7	-4334.1								
2831	10.0	83452.7	-4352.3								
2832	10.0	83452.7	-4345.9								
2833	10.2	83453.7	-4304.4								
2834	10.0	83454.7	-4356.0								
2835	10.0	83456.7	-4338.1								
2836	10.0	83500.7	-4319.2								
2837	10.1	83505.7	-4321.9								
2838	10.2	83509.7	-4353.9								
2839	9.1	83513.7	-4344.4								
2840	10.0	83514.7	-4335.8								
2841	9.8	83516.7	-4317.3								
2842	9.8	83516.7	-4342.2								
2843	9.6	83517.2	-4345.0								
2844	9.8	83522.2	-4343.8								
2845	10.0	83522.7	-4323.1								
2846	10.0	83522.7	-4303.7								
2847	9.8	83524.7	-4325.1								
2848	10.2	83526.7	-4308.1								
2849	10.2	83529.7	-4311.2								
2850	10.2	83539.7	-4354.8								
2851	9.8	83543.7	-4349.1								
2852	10.2	83551.2	-4325.9								
2853	10.2	83553.2	-4331.7								
2854	10.1	83554.7	-4337.7								
2855	10.0	83554.7	-4358.7								
2856	10.2	83555.7	-4315.0								
2857	10.2	83556.7	-4313.0								
2858	9.4	83600.7	-4349.1								
2859	10.2	83601.7	-4318.4								
2860	9.8	83605.2	-4331.3								
2861	10.2	83605.7	-4330.6								
2862	10.2	83618.9	-4300.3								
2863	10.2	83634.2	-4354.6								
2864	10.2	83640.7	-4330.1								
2865	10.1	83643.2	-4311.1								
2866	10.2	83647.7	-4354.0								
2867	10.2	83653.2	-4330.3								
2868	10.2	83656.2	-4326.2								
2869	10.0	83656.7	-4319.9								
2870	10.2	83656.7	-4355.5								
2871	10.2	83709.2	-4328.0								
2872	8.8	83710.7	-4314.4								
2873	9.8	83711.7	-4344.3								
2874	9.0	83715.7	-4348.4								
2875	10.2	83724.7	-4354.2								
2876	9.6	83726.2	-4322.9								
2877	9.8	83727.7	-4332.9								
2878	10.1	83733.7	-4346.7								
2879	10.0	83736.2	-4308.9								
2880	10.2	83736.7	-4354.3								
2881	10.2	83739.2	-4312.5								
2882	10.2	83740.2	-4329.3								
2883	9.8	83742.7	-4342.7								
2884	9.5	83743.7	-4312.0								
2885	10.2	83749.7	-4305.6								
2886	10.0	83750.7	-4350.2								
2887	9.8	83751.7	-4352.4								
2888	9.6	83751.7	-4342.0								
2889	9.3	83756.7	-4343.3								
2890	10.2	83759.2	-4350.5								
2891	8.4	83801.7	-4313.6								
2892	9.8	83804.2	-4329.8								
2893	8.9	83806.7	-4307.9								
2894	10.2	83807.2	-4339.2								
2895	9.6	83818.2	-4342.2								
2896	10.2	83824.2	-4343.2								

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2897 8.5	83836.7	-4330.9
2898 10.0	83852.8	-4358.8
2899 10.1	83853.7	-4315.1
2900 9.6	83856.2	-4303.2
2901 10.0	83900.7	-4353.0
2902 9.6	83903.2	-4319.0
2903 10.2	83903.7	-4334.6
2904 9.6	83913.7	-4311.3
2905 9.6	83914.7	-4352.3
2906 9.8	83914.7	-4305.9
2907 10.2	83922.7	-4313.9
2908 10.2	83922.7	-4349.1
2909 8.8	83925.1	-4302.1
2910 10.2	83933.7	-4310.4
2911 9.6	83937.7	-4324.0
2912 9.2	83938.2	-4344.1
2913 10.2	83939.7	-4353.1
2914 9.8	83946.2	-4315.1
2915 10.2	83947.6	-4301.7
2916 9.8	83950.2	-4312.3
2917 9.6	83951.2	-4343.6
2918 9.6	83951.7	-4331.9
2919 9.8	83954.7	-4349.3
2920 9.8	83955.2	-4303.0
2921 10.2	83956.2	-4337.6
2922 10.2	83957.2	-4319.4
2923 8.8	84003.7	-4317.2
2924 10.2	84005.7	-4344.2
2925 10.0	84006.5	-4357.7
2926 9.8	84008.2	-4318.3
2927 9.4	84011.7	-4318.1
2928 10.2	84017.2	-4320.6
2929 9.4	84020.7	-4351.2
2930 9.5	84022.7	-4311.1
2931 9.8	84024.7	-4321.2
2932 10.1	84025.2	-4335.1
2933 9.8	84026.2	-4306.3
2934 10.2	84027.2	-4319.1
2935 9.5	84032.7	-4306.3
2936 10.2	84032.7	-4348.0
2937 9.6	84032.7	-4340.1
2938 10.0	84033.7	-4330.8
2939 9.8	84038.2	-4314.7
2940 10.0	84047.2	-4351.3
2941 10.2	84100.2	-4339.8
2942 10.1	84106.2	-4319.6
2943 9.8	84110.7	-4334.7
2944 10.1	84110.7	-4317.2
2945 9.6	84121.0	-4331.7
2946 7.2	84126.0	-4347.6
2947 10.1	84129.0	-4317.2
2948 9.4	84130.5	-4335.1
2949 9.8	84134.5	-4343.0
2950 7.6	84140.0	-4317.8
2951 8.8	84141.5	-4300.4
2952 10.2	84142.0	-4353.1
2953 10.0	84142.0	-4332.5
2954 10.2	84142.0	-4320.3
2955 9.8	84152.0	-4317.7
2956 10.0	84157.5	-4320.3
2957 9.8	84200.5	-4307.3
2958 10.2	84206.6	-4320.2
2959 10.2	84209.0	-4341.1
2960 8.0	84214.5	-4330.7
2961 9.3	84216.5	-4316.7
2962 9.9	84221.5	-4323.3
2963 9.1	84221.5	-4336.7
2964 9.8	84222.0	-4358.5
2965 10.0	84224.0	-4319.1
2966 9.5	84227.5	-4318.0
2967 9.8	84230.5	-4307.9
2968 10.2	84233.0	-4304.9
2969 9.2	84235.5	-4345.8
2970 10.2	84236.0	-4305.7
2971 9.8	84238.0	-4319.0
2972 8.1	84238.5	-4336.9
2973 10.0	84239.5	-4309.0
2974 10.1	84242.0	-4338.1
2975 10.2	84244.0	-4343.3
2976 9.6	84245.5	-4338.5
2977 9.6	84253.5	-4326.5
2978 9.8	84254.0	-4348.4
2979 9.8	84256.0	-4316.4
2980 10.2	84257.0	-4314.3
2981 8.4	84300.5	-4336.3
2982 9.8	84300.5	-4303.8
2983 9.8	84302.0	-4305.9
2984 9.8	84303.0	-4359.3
2985 9.8	84306.0	-4342.3
2986 10.2	84307.0	-4322.7
2987 9.8	84322.0	-4334.1
2988 9.8	84323.0	-4303.1
2989 8.7	84325.0	-4346.3
2990 10.1	84327.0	-4310.1
2991 9.6	84329.0	-4329.8
2992 9.2	84329.0	-4306.4
2993 9.8	84330.0	-4349.1
2994 10.2	84330.0	-4312.9
2995 10.2	84333.0	-4322.9
2996 10.1	84337.5	-4351.5
2997 9.4	84344.0	-4349.7
2998 10.2	84344.0	-4340.3
2999 8.4	84344.5	-4328.3
3000 10.2	84347.5	-4339.5
3001 9.6	84348.5	-4309.8
3002 9.6	84351.5	-4344.1
3003 10.2	84352.0	-4345.8
3004 9.8	84352.0	-4346.1
3005 9.8	84353.5	-4309.7
3006 10.1	84356.0	-4333.5
3007 10.2	84401.5	-4325.1
3008 9.8	84406.0	-4325.1
3009 9.3	84407.4	-4302.7
3010 10.2	84410.0	-4356.3
3011 9.8	84421.0	-4357.9
3012 10.2	84423.5	-4336.7
3013 9.4	84426.0	-4336.7
3014 9.6	84430.0	-4356.1
3015 7.6	84438.0	-4317.9
3016 10.0	84445.5	-4349.9
3017 8.8	84449.0	-4326.9
3018 9.8	84449.0	-4311.7
3019 10.0	84457.0	-4354.1
3020 10.0	84457.4	-4300.7
3021 9.8	84512.0	-4329.1
3022 9.8	84513.0	-4343.9
3023 10.0	84514.0	-4324.5
3024 9.8	84519.0	-4310.7
3025 10.0	84521.0	-4355.0
3026 9.8	84521.5	-4343.5
3027 9.6	84526.0	-4310.5
3028 9.6	84535.0	-4305.3
3029 9.2	84537.1	-4302.9
3030 10.0	84540.0	-4341.3
3031 9.8	84546.0	-4351.7
3032 9.8	84553.0	-4352.1
3033 10.0	84554.0	-4332.1
3034 10.2	84556.0	-4321.3
3035 9.4	84559.0	-4326.3
3036 10.2	84604.5	-4300.9
3037 9.6	84610.0	-4312.9
3038 9.8	84612.5	-4323.9
3039 9.6	84613.5	-4334.0
3040 10.2	84616.0	-4335.9
3041 10.2	84618.0	-4318.9
3042 10.0	84626.0	-4312.4
3043 9.4	84626.0	-4322.3
3044 8.2	84627.0	-4316.9
3045 10.0	84630.0	-4314.5
3046 9.0	84634.4	-4357.3
3047 10.0	84635.0	-4337.6
3048 10.2	84639.0	-4338.7
3049 9.8	84639.7	-4301.7
3050 9.6	84640.5	-4312.9
3051 10.2	84641.5	-4312.6
3052 10.1	84641.8	-4357.1
3053 10.2	84644.0	-4339.1
3054 10.2	84646.0	-4309.3
3055 10.0	84650.5	-4331.3
3056 8.7	84651.5	-4356.7
3057 10.2	84653.0	-4352.0
3058 10.2	84655.0	-4346.9
3059 9.8	84701.5	-4335.7
3060 9.6	84702.0	-4353.7
3061 9.8	84703.5	-4352.5
3062 9.8	84708.5	-4342.3
3063 9.8	84709.0	-4339.1
3064 10.1	84711.5	-4354.3
3065 10.2	84713.0	-4304.9
3066 8.4	84714.0	-4334.7
3067 8.8	84716.0	-4316.5
3068 10.0	84717.0	-4330.3
3069 10.2	84722.0	-4333.2
3070 9.8	84725.0	-4350.8
3071 7.2	84725.0	-4340.9
3072 10.0	84725.0	-4336.7
3073 10.1	84727.0	-4321.9
3074 10.2	84732.6	-4359.2
3075 9.8	84735.5	-4331.3
3076 10.1	84736.5	-4312.1

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3077 10.2	84737.0	-4336.1
3078 9.0	84738.5	-4332.3
3079 10.2	84739.0	-4300.1
3080 10.1	84741.0	-4336.5
3081 9.6	84743.5	-4343.9
3082 8.6	84755.0	-4341.5
3083 9.8	84800.0	-4352.9
3084 10.2	84805.5	-4307.3
3085 10.0	84807.5	-4350.5
3086 10.2	84808.0	-4344.3
3087 10.2	84811.0	-4301.5
3088 9.8	84812.5	-4344.0
3089 10.0	84818.5	-4306.3
3090 9.5	84819.0	-4349.0
3091 10.0	84825.0	-4316.4
3092 9.2	84826.0	-4350.0
3093 8.5	84827.0	-4316.9
3094 8.5	84827.5	-4348.9
3095 10.2	84828.0	-4319.1
3096 10.2	84829.8	-4343.7
3097 9.3	84832.0	-4327.5
3098 10.2	84832.5	-4356.1
3099 9.8	84833.5	-4317.1
3100 9.8	84836.0	-4303.3
3101 9.8	84853.0	-4352.1
3102 8.3	84855.0	-4316.9
3103 10.2	84856.5	-4317.3
3104 7.5	84857.0	-4351.7
3105 9.8	84858.9	-4321.4
3106 9.6	84900.0	-4344.5
3107 9.3	84901.9	-4340.6
3108 10.2	84902.9	-4319.3
3109 8.9	84907.9	-4354.3
3110 7.7	84908.4	-4303.7
3111 9.8	84910.4	-4352.6
3112 10.2	84911.9	-4355.4
3113 10.2	84911.9	-4329.3
3114 10.0	84913.9	-4319.5
3115 9.6	84916.4	-4306.5
3116 9.8	84918.9	-4321.4
3117 10.2	84924.4	-4345.9
3118 10.2	84926.9	-4307.1
3119 9.8	84928.9	-4320.0
3120 9.2	84931.9	-4330.0
3121 10.2	84937.9	-4323.8
3122 9.8	84938.4	-4343.0
3123 9.6	84939.9	-4332.6
3124 9.6	84940.9	-4309.4
3125 9.8	84941.9	-4327.8
3126 7.8	84943.6	-4301.5
3127 10.2	84945.4	-4345.3
3128 9.8	84946.9	-4327.0
3129 9.8	84947.4	-4359.3
3130 9.6	84955.4	-4309.7
3131 10.0	85004.9	-4355.1
3132 10.2	85007.9	-4320.3
3133 10.1	85009.9	-4304.3
3134 9.2	85011.9	-4357.2
3135 10.2	85014.4	-4333.0
3136 10.2	85019.4	-4308.2
3137 9.6	85019.4	-4349.2
3138 10.2	85020.8	-4358.2
3139 10.2	85021.4	-4349.6
3140 9.8	85024.9	-4345.1
3141 10.0	85025.9	-4344.9
3142 10.0	85032.9	-4348.6
3143 8.2	85034.9	-4321.3
3144 10.2	85034.9	-4328.0
3145 10.0	85045.4	-4316.6
3146 10.2	85045.4	-4318.1
3147 10.2	85048.7	-4330.5
3148 10.2	85049.2	-4306.5
3149 10.2	85053.2	-4356.0
3150 8.1	85055.2	-4319.3
3151 9.5	85056.7	-4342.6
3152 10.2	85059.2	-4303.0
3153 9.6	85103.2	-4319.1
3154 9.8	85111.7	-4333.4
3155 10.2	85117.7	-4329.5
3156 9.6	85119.7	-4331.5
3157 8.9	85120.2	-4356.7
3158 9.6	85125.2	-4314.4
3159 10.2	85132.7	-4342.0
3160 9.1	85138.7	-4311.6
3161 9.6	85142.7	-4312.9
3162 10.0	85144.2	-4328.9
3163 9.6	85149.7	-4305.6
3164 9.5	85149.7	-4338.9
3165 9.2	85154.2	-4354.9
3166 9.4	85157.7	-4315.2
3167 10.2	85200.7	-4342.5
3168 10.0	85206.7	-4315.2
3169 8.7	85211.2	-4326.7
3170 9.8	85213.7	-4319.2
3171 9.8	85217.7	-4331.5
3172 8.3	85217.7	-4310.6
3173 9.6	85221.7	-4326.8
3174 9.1	85227.7	-4339.6
3175 9.8	85228.2	-4326.3
3176 10.2	85229.7	-4336.1
3177 9.8	85232.7	-4304.1
3178 9.0	85233.7	-4308.9
3179 9.5	85237.7	-4302.1
3180 10.2	85250.2	-4341.3
3181 10.0	85253.7	-4314.4
3182 7.8	85300.7	-4347.0
3183 9.8	85300.7	-4323.1
3184 10.1	85303.2	-4319.4
3185 10.2	85305.7	-4352.0
3186 8.4	85313.0	-4303.8
3187 10.2	85316.0	-4357.9
3188 10.1	85321.0	-4305.3
3189 9.8	85322.0	-4317.9
3190 9.1	85328.0	-4353.2
3191 10.1	85331.0	-4349.1
3192 10.2	85335.5	-4357.2
3193 9.8	85336.0	-4310.8
3194 10.2	85337.5	-4333.8
3195 10.0	85341.5	-4321.0
3196 9.8	85345.0	-4316.7
3197 10.0	85346.5	-4318.6
3198 10.1	85350.5	-4323.3
3199 9.8	85353.5	-4346.0
3200 9.5	85357.5	-4357.4
3201 10.0	85359.5	-4341.5
3202 9.5	85401.0	-4336.7
3203 9.2	85401.5	-4317.1
3204 9.8	85405.5	-4337.6
3205 9.8	85411.7	-4357.6
3206 9.2	85418.5	-4345.7
3207 9.8	85421.0	-4349.9
3208 8.6	85426.5	-4308.2
3209 9.8	85433.0	-4312.2
3210 10.1	85441.2	-4302.7
3211 9.6	85451.5	-4354.2
3212 9.6	85453.0	-4326.1
3213 10.2	85453.5	-4318.3
3214 10.2	85454.5	-4358.1
3215 10.1	85455.0	-4307.6
3216 9.8	85459.5	-4326.4
3217 9.6	85501.5	-4343.4
3218 10.2	85501.5	-4356.2
3219 10.2	85505.0	-4355.0
3220 9.6	85509.5	-4330.7
3221 10.2	85515.5	-4312.5
3222 8.9	85521.0	-4303.2
3223 10.1	85521.5	-4316.0
3224 10.2	85523.0	-4347.9
3225 9.6	85528.5	-4334.3
3226 8.6	85533.9	-4355.6
3227 10.2	85539.4	-4350.3
3228 9.8	85549.4	-4337.9
3229 10.0	85550.9	-4325.1
3230 10.2	85554.4	-4353.6
3231 8.6	85555.9	-4325.7
3232 10.0	85602.5	-4343.8
3233 10.2	85602.9	-4309.5
3234 9.8	85602.9	-4325.8
3235 9.8	85604.4	-4328.8
3236 9.8	85605.9	-4330.3
3237 9.6	85607.4	-4309.0
3238 10.0	85607.9	-4347.8
3239 10.2	85610.4	-4346.8
3240 8.4	85615.9	-4322.0
3241 10.2	85615.9	-4331.6
3242 8.6	85617.9	-4303.8
3243 9.8	85623.4	-4349.1
3244 10.2	85630.4	-4336.1
3245 10.2	85630.4	-4320.1
3246 10.0	85632.9	-4314.3
3247 9.6	85637.9	-4337.5
3248 10.0	85638.4	-4303.8
3249 9.8	85639.4	-4342.5
3250 10.2	85642.9	-4342.2
3251 9.4	85650.9	-4312.7
3252 10.2	85651.4	-4341.6
3253 10.0	85651.9	-4302.7
3254 9.5	85652.9	-4349.0
3255 9.8	85655.4	-4310.2
3256 10.2	85658.4	-4336.8

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-43 3616 9h17m

3257	8.5	85659.4	-4345.6	3347	10.5	90230.3	-4355.5	3437	10.0	90714.3	-4355.3
3258	10.2	85715.4	-4340.0	3348	10.4	90231.3	-4316.0	3438	10.6	90718.8	-4331.1
3259	10.0	85716.4	-4325.0	3349	10.6	90233.3	-4338.0	3439	10.6	90718.8	-4338.9
3260	9.2	85721.4	-4320.2	3350	9.7	90235.3	-4313.1	3440	9.4	90718.8	-4307.1
3261	9.6	85724.4	-4305.1	3351	10.6	90235.8	-4306.9	3441	8.7	90720.9	-4340.7
3262	10.2	85732.9	-4356.1	3352	10.6	90239.3	-4338.2	3442	10.0	90722.3	-4327.6
3263	10.1	85734.9	-4322.0	3353	10.6	90246.8	-4315.3	3443	9.4	90724.4	-4359.1
3264	9.8	85735.4	-4309.7	3354	8.7	90249.8	-4327.1	3444	8.7	90726.3	-4332.7
3265	10.2	85745.9	-4352.0	3355	9.1	90250.8	-4327.2	3445	9.1	90730.3	-4347.8
3266	10.2	85746.4	-4350.3	3356	10.5	90252.3	-4300.0	3446	10.0	90731.8	-4342.1
3267	9.6	85747.9	-4320.7	3357	10.5	90254.8	-4306.0	3447	9.8	90740.8	-4347.7
3268	9.8	85752.7	-4331.1	3358	9.4	90302.3	-4339.0	3448	9.2	90744.8	-4309.5
3269	10.2	85752.9	-4312.3	3359	10.2	90302.3	-4323.5	3449	8.9	90748.8	-4315.9
3270	9.4	85755.3	-4323.0	3360	9.4	90307.8	-4345.2	3450	9.1	90753.3	-4306.0
3271	7.9	85755.7	-4328.6	3361	10.1	90311.3	-4356.3	3451	10.6	90753.8	-4309.1
3272	10.0	85804.7	-4326.3	3362	10.6	90312.6	-4357.9	3452	9.4	90755.8	-4347.1
3273	9.8	85806.7	-4324.9	3363	10.4	90317.3	-4345.3	3453	10.0	90758.8	-4316.8
3274	9.6	85816.2	-4309.9	3364	9.8	90323.8	-4347.6	3454	10.6	90759.8	-4343.8
3275	10.0	85817.0	-4300.7	3365	9.7	90325.8	-4321.9	3455	9.6	90807.8	-4358.7
3276	8.3	85819.2	-4345.1	3366	9.4	90328.8	-4343.1	3456	10.4	90808.8	-4311.1
3277	9.0	85826.2	-4355.5	3367	10.5	90332.2	-4322.0	3457	10.4	90814.3	-4324.8
3278	9.8	85833.7	-4319.0	3368	9.0	90332.3	-4304.4	3458	10.6	90814.8	-4321.0
3279	9.8	85835.7	-4325.5	3369	10.1	90338.3	-4327.4	3459	10.5	90815.3	-4350.9
3280	10.2	85835.7	-4305.5	3370	10.6	90338.4	-4357.0	3460	10.6	90820.8	-4316.0
3281	9.6	85843.2	-4338.2	3371	10.6	90344.8	-4314.5	3461	10.2	90821.8	-4343.3
3282	9.5	85851.2	-4303.1	3372	10.6	90344.8	-4314.7	3462	10.6	90827.3	-4336.8
3283	8.7	85853.7	-4333.9	3373	9.2	90346.3	-4353.6	3463	10.6	90827.3	-4351.9
3284	10.2	85904.2	-4324.1	3374	10.0	90348.3	-4328.0	3464	10.4	90828.8	-4337.2
3285	10.2	85905.2	-4349.1	3375	10.0	90358.3	-4331.0	3465	10.6	90836.3	-4339.9
3286	10.2	85911.2	-4346.0	3376	10.2	90358.3	-4302.2	3466	9.4	90836.8	-4343.4
3287	10.1	85919.2	-4347.0	3377	10.5	90405.8	-4353.9	3467	9.7	90837.8	-4344.4
3288	9.8	85922.7	-4332.3	3378	10.4	90412.3	-4300.0	3468	10.0	90838.8	-4304.0
3289	9.8	85924.2	-4317.3	3379	10.2	90412.3	-4330.4	3469	10.1	90839.8	-4339.7
3290	10.2	85927.7	-4353.2	3380	10.6	90414.8	-4349.9	3470	10.6	90848.8	-4337.4
3291	9.4	85928.5	-4346.3	3381	10.6	90417.3	-4350.7	3471	10.2	90850.3	-4349.3
3292	9.6	85929.2	-4317.4	3382	9.8	90422.8	-4300.0	3472	9.8	90855.3	-4319.0
3293	10.2	85929.5	-4317.7	3383	10.4	90435.8	-4318.5	3473	10.6	90856.8	-4326.0
3294	9.8	85930.3	-4337.7	3384	10.2	90437.3	-4339.6	3474	10.2	90904.3	-4335.8
3295	9.2	85931.0	-4320.9	3385	10.2	90439.3	-4330.3	3475	10.6	90905.8	-4341.1
3296	10.0	85936.7	-4353.4	3386	10.1	90440.8	-4354.7	3476	9.8	90916.3	-4314.7
3297	10.0	85939.0	-4314.8	3387	10.1	90441.3	-4318.5	3477	10.0	90927.3	-4339.4
3298	10.2	85939.7	-4306.3	3388	10.4	90444.8	-4313.3	3478	10.0	90929.8	-4349.8
3299	10.1	85941.5	-4321.1	3389	10.0	90445.8	-4348.6	3479	6.8	90931.3	-4337.7
3300	10.0	85942.5	-4350.9	3390	10.4	90446.9	-4359.9	3480	10.4	90933.3	-4344.2
3301	10.2	85944.2	-4308.1	3391	10.6	90448.3	-4314.5	3481	10.6	90952.3	-4341.2
3302	10.1	85945.0	-4356.3	3392	10.4	90448.8	-4312.0	3482	10.6	90953.8	-4341.1
3303	10.2	85950.0	-4309.4	3393	8.7	90450.8	-4316.4	3483	9.4	90958.8	-4318.5
3304	9.6	85952.5	-4341.9	3394	10.6	90458.8	-4338.7	3484	8.8	90958.8	-4325.5
3305	9.6	85955.0	-4354.2	3395	10.6	90458.8	-4304.0	3485	10.4	90958.8	-4340.3
3306	9.8	85955.2	-4346.2	3396	9.8	90501.3	-4304.8	3486	10.6	90959.8	-4317.6
3307	10.0	85958.2	-4310.9	3397	9.1	90501.8	-4322.8	3487	10.6	91003.1	-4301.1
3308	10.1	85959.7	-4332.2	3398	10.2	90504.3	-4309.0	3488	10.6	91004.8	-4334.6
3309	10.1	90006.0	-4333.8	3399	10.5	90506.8	-4345.1	3489	10.0	91008.3	-4327.8
3310	9.8	90010.5	-4352.8	3400	10.1	90508.8	-4341.7	3490	10.6	91008.8	-4357.9
3311	10.2	90017.2	-4347.1	3401	10.5	90508.8	-4358.9	3491	9.2	91010.8	-4306.8
3312	10.4	90022.8	-4337.8	3402	9.6	90517.8	-4312.3	3492	9.7	91011.8	-4321.5
3313	10.6	90029.8	-4346.6	3403	8.0	90521.8	-4340.0	3493	10.2	91014.3	-4345.5
3314	10.0	90035.9	-4357.3	3404	10.6	90525.8	-4340.4	3494	10.4	91014.8	-4330.5
3315	9.4	90045.8	-4315.4	3405	8.8	90529.3	-4324.9	3495	10.4	91020.3	-4350.0
3316	10.4	90046.3	-4300.3	3406	10.5	90530.8	-4316.3	3496	10.4	91024.3	-4319.9
3317	10.6	90046.8	-4314.7	3407	10.2	90536.3	-4355.3	3497	9.8	91029.3	-4310.0
3318	10.2	90052.3	-4311.8	3408	10.6	90550.3	-4300.0	3498	10.4	91029.8	-4337.6
3319	10.2	90052.3	-4319.4	3409	10.1	90550.3	-4318.7	3499	9.6	91030.8	-4357.1
3320	10.2	90052.8	-4353.1	3410	10.1	90552.3	-4307.8	3500	10.1	91044.3	-4323.3
3321	10.2	90057.3	-4350.1	3411	10.4	90557.0	-4302.3	3501	10.6	91054.3	-4323.0
3322	9.8	90058.8	-4300.5	3412	10.0	90601.3	-4336.4	3502	9.6	91054.8	-4308.7
3323	10.6	90058.8	-4327.7	3413	10.5	90602.3	-4345.7	3503	8.7	91059.3	-4343.6
3324	10.6	90106.8	-4324.9	3414	10.1	90605.3	-4327.8	3504	10.5	91109.3	-4335.9
3325	8.5	90106.8	-4307.4	3415	9.1	90607.6	-4301.3	3505	10.6	91109.8	-4330.6
3326	10.6	90110.8	-4310.5	3416	10.1	90610.3	-4353.9	3506	10.0	91119.3	-4339.6
3327	9.0	90112.8	-4342.0	3417	10.6	90610.3	-4350.1	3507	8.2	91128.8	-4309.2
3328	10.6	90114.3	-4353.1	3418	10.4	90612.3	-4348.3	3508	10.2	91130.8	-4357.2
3329	10.6	90126.8	-4347.5	3419	10.6	90613.8	-4329.5	3509	8.5	91131.3	-4301.8
3330	10.6	90128.8	-4345.1	3420	10.6	90616.8	-4355.5	3510	10.5	91136.8	-4353.2
3331	10.5	90131.8	-4337.1	3421	10.0	90618.8	-4327.1	3511	9.3	91142.3	-4303.3
3332	10.0	90145.3	-4324.1	3422	10.1	90619.3	-4324.0	3512	10.0	91142.8	-4320.8
3333	10.0	90145.8	-4334.3	3423	10.4	90631.8	-4309.9	3513	7.3	91145.8	-4344.7
3334	10.4	90148.8	-4303.2	3424	8.1	90635.3	-4332.4	3514	10.6	91147.8	-4336.4
3335	10.6	90152.3	-4347.7	3425	10.6	90639.2	-4301.1	3515	10.4	91151.8	-4348.9
3336	10.5	90154.8	-4356.5	3426	9.3	90650.3	-4348.3	3516	10.6	91152.3	-4345.4
3337	9.2	90155.8	-4322.2	3427	9.6	90650.3	-4353.8	3517	10.6	91152.3	-4311.1
3338	10.6	90156.1	-4310.3	3428	10.5	90650.3	-4320.4	3518	10.6	91155.3	-4331.8
3339	9.6	90202.3	-4306.6	3429	10.1	90653.8	-4320.2	3519	9.0	91156.8	-4323.6
3340	10.4	90205.8	-4350.2	3430	10.1	90657.4	-4301.7	3520	10.0	91157.3	-4356.6
3341	9.7	90208.8	-4330.8	3431	9.7	90700.3	-4338.3	3521	10.6	91157.8	-4336.2
3342	10.6	90214.8	-4357.1	3432	10.0	90707.3	-4314.0	3522	10.6	91159.3	-4353.5
3343	10.4	90217.3	-4309.8	3433	10.1	90708.8	-4317.0	3523	10.6	91201.3	-4303.9
3344	10.6	90222.3	-4342.4	3434	9.4	90709.3	-4312.0	3524	9.8	91202.8	-4344.3
3345	10.2	90227.8	-4313.4	3435	10.1	90710.3	-4307.8	3525	8.5	91203.3	-4354.8
3346	10.0	90229.8	-4356.6	3436	10.0	90711.8	-4310.2	3526	9.6	91208.8	-4358.1
3527	8.9	91210.3	-4332.9								
3528	9.8	91218.8	-4348.9								
3529	10.5	91220.8	-4345.2								
3530	10.2	91226.8	-4359.0								
3531	9.2	91228.3	-4304.6								
3532	10.1	91231.8	-4305.2								
3533	9.8	91232.3	-4329.5								
3534	9.4	91234.3	-4306.4								
3535	10.1	91234.8	-4321.4								
3536	10.2	91238.3	-4306.5								
3537	10.6	91243.3	-4339.6								
3538	10.6	91246.3	-4340.6								
3539	10.6	91250.8	-4314.0								
3540	9.0	91251.8	-4310.1								
3541	10.6	91256.3	-4306.5								
3542	10.0	91257.3	-4314.8								
3543	10.6	91258.8	-4316.9								
3544	10.6	91259.8	-4320.3								
3545	10.6	91304.3	-4306.3								
3546	10.6	91305.8	-4345.4								
3547	10.6	91305.8	-4336.1								
3548	10.2	91325.3	-4313.8								
3549	10.1	91330.8	-4303.0								
3550	10.2	91331.8	-4329.2								
3551	10.4	91331.8	-4343.1								
3552	10.6	91338.8	-4326.2								
3553	10.0	91341.2	-4301.0								
3554	10.1	91342.3	-4332.0								
3555	10.1	91342.8	-4345.2								
3556	10.5	91343.8	-4323.5								
3557	10.4	91348.8	-4315.2								
3558	10.5	91356.8	-4314.4								
3559	10.4	91356.8	-4347.5								
3560	10.5	91408.8	-4303.4								
3561	10.6	91408.8	-4350.7								
3562	10.6	91411.1	-4326.8								
3563	10.6	91411.3	-4314.8								
3564	8.6	91414.8	-4330.8								
3565	10.6	91417.3	-4344.8								
3566	10.6	91420.3	-4328.1								
3567	10.2	91421.3	-4351.0								
3568	10.5	91425.3	-4306.2								
3569	8.8	91426.8	-4338.9								
3570	10.6	91427.8	-4357.1								
3571	9.4	91430.3	-4356.1								
3572	9.8	91432.3	-4332.9								
3573	10.5	91438.8	-4315.2								
3574	10.4	91440.8	-4305.6								
3575	10.6	91442.8	-4309.0								
3576	10.6	91445.8	-4355.7								
3577	10.0	91448.8	-4356.7								
3578	10.6	91458.3	-4326.5								
3579	10.6	91458.3	-4310.1								
3580	9.2	91502.3	-4346.8								
3581	9.2	91502.3	-4340.4								
3582	10.2	91505.8	-4352.0								
3583	10.6	91506.8	-4314.6								
3584	10.2	91508.3	-4302.1								
3585	10.4	91510.3	-4352.5								
3586	10.0	91519.3	-4349.8								
3587	10.6	91524.8	-4336.3								
3588	10.1	91526.3	-4314.3								
3589	9.4	91532.3	-4311.0								
3590	10.0	91540.8	-4351.4								
3591	10.2	91542.8	-4305.3								
3592	10.0	91547.3	-4309.5								
3593	10.4	91550.3	-4331.0								
3594	10.2	91550.8	-4326.9								
3595	8.0	91553.8	-4345.3								
3596	8.7	91556.8	-4323.2								
3597	10.6	91558.3	-4349.5								
3598	10.6	91558.8	-4338.4								
3599	10.6	91604.3	-4349.4								
3600	9.4	91608.8	-4343.6								
3601	10.6	91610.8	-4319.1								
3602	9.4	91611.8	-4317.8								
3603	10.2	91648.3	-4338.0								
3604	10.6	91656.8	-4345.4								
3605	9.7	91700.3	-4333.1								
3606	9.4	91705.3	-4314.5								
3607	10.1	91708.8	-4351.3								
3608	10.5	91714.8	-4315.1								
3609	10.6	91714.8	-4300.2								
3610	10.6	91716.3	-4355.1								
3611	9.6	91718.3	-4339.3								
3612	10.6	91720.8	-4338.5								
3613	9.6	91724.3	-4322.1								
3614	10.4	91726.8	-4332.4								
3615	9.8	91729.8	-4321.5								
3616	10.2	91730.8	-4322.2								

3617	10.6	91735.3	-4335.2	3707	9.8	92259.9	-4317.0	3797	9.4	92825.0	-4358.9
3618	10.4	91736.8	-4350.6	3708	10.4	92306.4	-4337.6	3798	10.4	92827.1	-4327.0
3619	10.5	91738.8	-4321.9	3709	10.0	92311.9	-4359.0	3799	9.8	92829.6	-4308.9
3620	10.6	91741.3	-4342.8	3710	10.0	92319.9	-4339.7	3800	10.0	92835.1	-4323.9
3621	10.0	91744.3	-4334.8	3711	10.1	92320.4	-4347.0	3801	9.6	92842.6	-4322.2
3622	7.8	91746.8	-4334.2	3712	9.4	92324.4	-4342.4	3802	10.1	92842.6	-4346.1
3623	10.2	91759.8	-4333.5	3713	10.1	92328.4	-4321.6	3803	9.6	92852.1	-4312.0
3624	10.4	91800.8	-4345.1	3714	10.4	92336.4	-4348.0	3804	9.6	92855.6	-4319.5
3625	10.6	91812.8	-4333.2	3715	10.6	92337.4	-4315.8	3805	9.4	92857.1	-4306.7
3626	10.6	91814.3	-4330.6	3716	10.2	92344.9	-4343.6	3806	10.2	92857.1	-4318.5
3627	10.4	91825.3	-4318.8	3717	9.2	92348.4	-4340.6	3807	10.2	92859.1	-4345.9
3628	10.2	91832.3	-4308.0	3718	10.0	92348.9	-4307.8	3808	8.8	92905.1	-4345.3
3629	9.8	91836.8	-4320.1	3719	10.6	92357.0	-4357.7	3809	9.9	92905.6	-4326.8
3630	10.1	91836.8	-4338.3	3720	10.4	92359.9	-4306.5	3810	10.2	92906.7	-4357.9
3631	8.3	91841.8	-4304.0	3721	9.6	92401.9	-4306.3	3811	10.0	92909.6	-4313.3
3632	10.0	91842.3	-4319.7	3722	8.1	92403.9	-4315.6	3812	10.2	92910.6	-4324.1
3633	10.6	91846.6	-4348.9	3723	10.5	92404.4	-4306.8	3813	10.2	92914.6	-4314.3
3634	10.6	91847.7	-4359.5	3724	9.4	92409.4	-4310.2	3814	9.8	92923.1	-4303.8
3635	10.2	91847.8	-4336.9	3725	9.0	92417.9	-4309.5	3815	10.4	92925.6	-4321.1
3636	8.9	91849.3	-4322.3	3726	10.6	92425.4	-4316.9	3816	9.8	92929.6	-4341.1
3637	10.6	91856.6	-4339.1	3727	9.6	92427.9	-4343.9	3817	10.4	92936.1	-4320.5
3638	10.5	91857.3	-4326.4	3728	9.1	92435.3	-4302.1	3818	10.0	92941.2	-4359.8
3639	10.6	91858.8	-4359.3	3729	7.7	92436.9	-4359.6	3819	9.8	92954.1	-4356.9
3640	10.6	91859.1	-4301.4	3730	10.4	92440.4	-4333.1	3820	10.2	93008.1	-4343.3
3641	10.2	91902.8	-4305.9	3731	9.4	92440.4	-4304.8	3821	10.2	93010.6	-4305.7
3642	10.6	91903.9	-4313.0	3732	10.5	92440.4	-4322.1	3822	9.4	93012.6	-4305.9
3643	10.4	91908.4	-4309.1	3733	10.6	92444.4	-4322.2	3823	10.0	93017.6	-4325.3
3644	10.4	91913.9	-4324.4	3734	7.7	92446.7	-4359.2	3824	9.6	93019.2	-4306.1
3645	10.0	91914.4	-4356.3	3735	10.2	92446.9	-4313.8	3825	9.0	93019.6	-4341.6
3646	9.8	91922.2	-4359.9	3736	9.4	92448.4	-4318.9	3826	10.2	93021.1	-4312.8
3647	10.6	91923.4	-4344.1	3737	10.6	92451.9	-4333.9	3827	10.2	93026.9	-4328.0
3648	10.4	91924.4	-4321.1	3738	10.6	92458.9	-4346.4	3828	10.4	93026.9	-4347.7
3649	10.5	91931.9	-4309.7	3739	7.6	92505.4	-4324.6	3829	10.2	93041.9	-4341.6
3650	9.8	91936.9	-4330.6	3740	10.6	92507.4	-4355.9	3830	8.8	93042.9	-4318.7
3651	9.4	91938.9	-4342.2	3741	9.1	92509.4	-4349.4	3831	10.4	93045.4	-4348.2
3652	10.0	91939.9	-4338.1	3742	9.3	92524.9	-4308.0	3832	9.4	93047.4	-4335.2
3653	10.6	91940.4	-4346.7	3743	10.4	92526.4	-4359.1	3833	10.2	93047.4	-4348.9
3654	8.0	91940.4	-4320.8	3744	10.5	92527.9	-4312.7	3834	9.8	93050.4	-4355.0
3655	9.7	91941.4	-4330.0	3745	9.4	92533.9	-4311.1	3835	10.4	93050.7	-4307.6
3656	9.6	91945.9	-4317.4	3746	9.6	92535.4	-4303.6	3836	7.8	93053.9	-4337.8
3657	10.0	91946.4	-4350.8	3747	10.6	92539.4	-4338.9	3837	10.1	93056.4	-4307.1
3658	10.0	91950.4	-4331.3	3748	10.4	92541.9	-4346.5	3838	10.2	93058.9	-4326.8
3659	9.8	91954.4	-4338.3	3749	10.6	92543.9	-4321.0	3839	9.8	93102.4	-4357.7
3660	10.6	91958.4	-4311.0	3750	10.6	92544.4	-4305.3	3840	10.4	93102.4	-4341.8
3661	9.8	92006.4	-4326.7	3751	10.5	92546.8	-4301.6	3841	10.1	93103.4	-4315.0
3662	10.2	92016.9	-4355.4	3752	10.0	92553.9	-4331.9	3842	10.4	93109.9	-4347.8
3663	10.0	92023.9	-4355.1	3753	10.4	92554.4	-4337.4	3843	9.0	93111.4	-4347.0
3664	7.9	92025.4	-4326.4	3754	9.6	92600.4	-4321.0	3844	10.2	93114.4	-4319.0
3665	10.0	92025.4	-4329.7	3755	9.6	92616.4	-4343.0	3845	9.3	93114.9	-4359.6
3666	8.6	92026.4	-4306.9	3756	9.4	92619.9	-4300.3	3846	10.2	93116.4	-4326.6
3667	10.6	92026.9	-4341.4	3757	9.8	92621.9	-4319.3	3847	10.4	93119.9	-4301.8
3668	9.7	92034.4	-4305.2	3758	10.2	92623.9	-4340.0	3848	8.6	93120.4	-4321.4
3669	10.4	92038.4	-4309.2	3759	10.6	92633.4	-4335.5	3849	10.2	93120.4	-4319.2
3670	10.2	92041.4	-4308.1	3760	10.6	92634.4	-4312.9	3850	10.0	93127.9	-4352.5
3671	10.6	92043.4	-4324.1	3761	9.8	92634.9	-4303.0	3851	10.2	93132.4	-4341.8
3672	10.4	92045.4	-4311.9	3762	10.2	92635.9	-4354.6	3852	9.8	93133.4	-4342.2
3673	9.6	92045.4	-4334.2	3763	10.6	92637.9	-4318.1	3853	9.3	93152.4	-4309.6
3674	10.6	92056.9	-4328.2	3764	8.5	92650.4	-4344.6	3854	9.8	93153.9	-4341.4
3675	10.6	92059.4	-4327.3	3765	9.8	92656.9	-4308.5	3855	9.9	93204.9	-4301.9
3676	10.0	92113.9	-4340.9	3766	10.6	92657.9	-4341.4	3856	9.8	93206.9	-4302.9
3677	8.6	92115.9	-4326.6	3767	10.6	92658.9	-4302.4	3857	10.2	93218.1	-4328.0
3678	9.3	92125.4	-4345.0	3768	8.7	92702.3	-4328.1	3858	10.2	93219.4	-4340.7
3679	10.2	92125.4	-4356.1	3769	10.5	92704.2	-4333.9	3859	10.4	93220.1	-4311.4
3680	10.2	92131.9	-4338.6	3770	9.8	92706.4	-4318.3	3860	8.8	93223.1	-4343.2
3681	10.6	92139.9	-4337.9	3771	10.4	92708.1	-4336.5	3861	9.9	93223.1	-4344.0
3682	10.4	92140.4	-4355.1	3772	10.6	92718.2	-4344.1	3862	10.2	93223.1	-4356.2
3683	10.6	92144.4	-4343.0	3773	10.2	92720.3	-4335.6	3863	9.8	93228.1	-4341.0
3684	10.2	92147.4	-4341.4	3774	10.6	92728.7	-4314.8	3864	8.8	93233.1	-4323.0
3685	10.6	92155.9	-4327.2	3775	10.6	92730.4	-4323.7	3865	9.4	93241.6	-4340.6
3686	9.7	92156.4	-4333.4	3776	9.4	92731.5	-4325.1	3866	9.3	93246.6	-4342.2
3687	9.0	92156.7	-4302.1	3777	8.9	92733.4	-4304.4	3867	10.4	93248.1	-4336.6
3688	7.8	92158.4	-4341.8	3778	9.7	92736.4	-4338.0	3868	10.4	93250.1	-4352.0
3689	10.2	92200.4	-4345.4	3779	9.6	92739.0	-4302.8	3869	9.8	93251.6	-4355.2
3690	9.4	92208.4	-4346.8	3780	10.6	92740.4	-4356.8	3870	9.4	93252.6	-4334.2
3691	10.6	92212.9	-4321.2	3781	9.4	92741.8	-4351.3	3871	10.4	93255.6	-4335.7
3692	10.6	92215.9	-4318.2	3782	10.4	92748.4	-4346.7	3872	9.8	93301.1	-4318.2
3693	10.0	92218.4	-4343.2	3783	10.4	92750.2	-4309.0	3873	10.0	93305.1	-4326.6
3694	10.0	92220.4	-4340.3	3784	9.4	92751.8	-4338.1	3874	10.4	93305.1	-4349.8
3695	10.4	92220.9	-4350.4	3785	10.4	92752.2	-4304.2	3875	10.2	93311.6	-4319.6
3696	9.6	92221.4	-4335.2	3786	9.4	92755.8	-4329.8	3876	10.4	93313.1	-4333.3
3697	10.6	92226.9	-4318.9	3787	9.5	92757.1	-4317.3	3877	10.0	93318.1	-4344.8
3698	10.6	92231.4	-4311.6	3788	10.4	92757.6	-4346.5	3878	10.4	93325.6	-4343.6
3699	9.2	92237.4	-4356.0	3789	10.4	92758.5	-4305.0	3879	9.9	93328.1	-4356.9
3700	10.6	92238.4	-4329.2	3790	10.4	92801.5	-4338.9	3880	10.4	93330.1	-4329.0
3701	10.0	92241.9	-4325.6	3791	9.9	92806.1	-4319.5	3881	9.2	93333.1	-4331.5
3702	10.6	92242.9	-4331.1	3792	10.2	92810.7	-4320.5	3882	10.0	93333.1	-4336.4
3703	10.1	92246.9	-4331.1	3793	10.0	92814.6	-4355.5	3883	10.2	93338.1	-4334.2
3704	9.8	92248.8	-4314.3	3794	10.1	92819.6	-4307.0	3884	10.0	93340.1	-4307.5
3705	10.0	92249.8	-4307.9	3795	10.4	92820.5	-4303.5	3885	9.2	93341.6	-4328.0
3706	8.3	92259.9	-4305.7	3796	10.4	92822.1	-4320.9	3886	10.0	93343.1	-4306.0
3887	10.1	93347.6	-4327.6								
3888	9.9	93350.1	-4309.2								
3889	9.8	93352.1	-4306.5								
3890	10.0	93354.1	-4312.6								
3891	10.4	93356.1	-4335.8								
3892	9.8	93404.1	-4331.6								
3893	10.1	93407.1	-4313.4								
3894	10.2	93408.0	-4305.8								
3895	10.1	93410.6	-4318.4								
3896	10.2	93412.0	-4336.0								
3897	10.2	93414.5	-4343.8								
3898	9.2	93425.5	-4303.8								
3899	10.2	93426.5	-4303.2								
3900	9.8	93431.5	-4332.1								
3901	9.8	93432.5	-4316.0								
3902	9.2	93434.0	-4310.0								
3903	9.6	93436.0	-4329.8								
3904	9.8	93436.0	-4335.5								
3905	10.0	93437.0	-4308.8								
3906	10.4	93438.5	-4329.5								
3907	10.0	93445.5	-4325.6								
3908	9.4	93445.5	-4344.7								
3909	9.9	93448.0	-4309.3								
3910	8.8	93453.5	-4339.8								
3911	10.0	93455.5	-4322.0								
3912	10.0	93503.5	-4312.6								
3913	10.4	93510.0	-4311.8								
3914	10.2	93512.0	-4346.0								
3915	9.9	93516.0	-4317.4								
3916	9.8	93519.5	-4355.6								
3917	9.9	93519.5	-4334.4								
3918	10.4	93520.0	-4337.0								
3919	10.1	93520.5	-4353.1								
3920	9.6	93525.5	-4305.2								
3921	10.1	93526.5	-4333.6								
3922	10.0	93529.5	-4339.2								
3923	9.6	93535.0	-4346.0								
3924	10.2	93547.0	-4311.0								
3925	9.8	93553.0	-4318.4								
3926	10.0	93557.0	-4340.8								
3927	9.6	93557.0	-4333.5								
3928	10.0	93602.5	-4311.0								
3929	9.8	93603.5	-4345.0								
3930	10.4	93610.9	-4348.8								
3931	10.2	93611.4	-4340.0								
3932	10.4	93616.4	-4339.4								
3933	9.8	93621.4	-4350.2								
3934	10.4	93621.9	-4342.6								
3935	10.4	93626.4	-4341.2								
3936	10.4	93634.9	-4340.1								
3937	10.4	93637.9	-4300.9								
3938	9.8	93641.4	-4342.6								
3939	10.4	93641.4	-4305.0								
3940	10.4	93641.8	-4326.6								
3941	10.2	93648.9	-4326.2								
3942	10.2	93655.9	-4325.4								
3943	10.2	93657.1	-4358.8								
3944	9.9	93701.9	-4328.6								
3945	10.4	93701.9	-4306.1								
3946	10.2	93707.4	-4323.3								
3947	10.4	93708.4	-4325.8								
3948	10.0	93709.4	-4327.2								
3949	10.2	93713.4	-4328.0								
3950	10.4	93720.4	-4324.9								
3951	9.8	93721.9	-4328.3								
3952	9.8	93723.4	-4328.0								
3953	9.4	93726.4	-4319.8								
3954	10.4	93727.8	-4317.0								
3955	9.3	93729.9	-4351.6								
3956	10.4	93731.4	-4326.9								
3957	10.4	93741.9	-4358.3								
3958	10.2	93749.9	-4350.8								
3959	10.0	93751.4	-4355.0								
3960	9.5	93757.9	-4351.8								
3961	10.1	93758.8	-4337.9								
3962	10.4	93759.3	-4318.8								
3963	10.4	93802.8	-4339.8								
3964	9.8	93808.3	-4320.5								
3965	10.0	93816.3	-4331.6								
3966	10.0	93817.8	-4340.7								
3967	10.2	93820.8	-4325.4								
3968	9.8	93821.3	-4347.7								
3969	10.4	93821.8	-4315.2								
3970	9.6	93827.8	-4352.0								
3971	9.4	93845.8	-4319.9								
3972	10.2	93849.3	-4302.8								
3973	9.0	93850.8	-4340.4								
3974	10.2	93855.3	-4312.5								
3975	10.4	93859.8	-4348.3								
3976	10.0	93859.8	-4345.1								

-43 3977 9h39m

-43 4336 10h00m

3977	9.8	93901.3 -4353.1	4067	9.8	94410.1 -4331.1	4157	10.4	94917.4 -4309.0	4247	10.2	95412.8 -4301.5
3978	10.4	93910.0 -4359.1	4068	10.2	94420.1 -4355.3	4158	10.2	94919.4 -4335.8	4248	10.1	95419.3 -4324.4
3979	10.4	93911.8 -4306.0	4069	10.2	94423.1 -4325.1	4159	10.2	94927.9 -4308.4	4249	10.4	95419.3 -4311.1
3980	9.8	93916.3 -4343.2	4070	10.2	94423.6 -4330.1	4160	10.2	94932.7 -4302.0	4250	9.3	95420.8 -4344.8
3981	10.0	93921.8 -4308.0	4071	10.2	94424.6 -4325.5	4161	9.4	94936.4 -4316.1	4251	9.4	95430.3 -4343.1
3982	10.2	93922.3 -4352.0	4072	10.1	94428.4 -4330.0	4162	9.8	94939.9 -4346.7	4252	10.4	95431.3 -4319.9
3983	8.6	93923.3 -4328.9	4073	10.0	94444.9 -4331.0	4163	10.4	94941.9 -4304.1	4253	9.4	95439.8 -4300.7
3984	10.2	93924.3 -4341.8	4074	9.8	94446.4 -4324.2	4164	9.8	94941.9 -4328.9	4254	8.6	95442.8 -4357.0
3985	10.4	93930.8 -4336.2	4075	10.2	94449.4 -4336.0	4165	9.3	94942.4 -4309.1	4255	9.9	95443.4 -4334.9
3986	9.9	93933.3 -4334.6	4076	10.4	94451.9 -4341.8	4166	9.9	94947.4 -4333.6	4256	9.8	95449.0 -4301.2
3987	10.4	93934.8 -4357.4	4077	10.4	94503.9 -4338.4	4167	10.4	94954.4 -4316.7	4257	9.8	95458.7 -4350.5
3988	10.0	93938.8 -4345.1	4078	9.6	94505.4 -4309.2	4168	10.4	94956.7 -4307.3	4258	9.9	95459.6 -4314.1
3989	10.0	93939.8 -4338.4	4079	10.1	94511.6 -4359.2	4169	9.8	95000.4 -4335.8	4259	10.4	95502.8 -4318.2
3990	10.2	93941.3 -4322.4	4080	10.4	94514.4 -4302.5	4170	9.8	95002.2 -4301.0	4260	9.8	95512.3 -4343.9
3991	10.0	93944.8 -4303.0	4081	10.4	94521.4 -4350.8	4171	9.8	95003.9 -4358.9	4261	9.6	95516.7 -4342.2
3992	9.8	93947.3 -4314.9	4082	9.5	94526.7 -4358.2	4172	10.2	95007.4 -4300.7	4262	10.4	95517.3 -4345.0
3993	10.4	93949.3 -4341.6	4083	10.4	94527.3 -4304.4	4173	10.0	95007.9 -4334.3	4263	10.2	95520.3 -4346.1
3994	10.2	93953.3 -4318.1	4084	10.4	94529.4 -4348.6	4174	10.1	95009.4 -4315.2	4264	9.4	95521.3 -4349.6
3995	10.4	93958.2 -4351.9	4085	9.2	94530.9 -4304.1	4175	10.1	95011.9 -4313.0	4265	8.6	95521.3 -4350.0
3996	9.4	94002.2 -4309.3	4086	9.4	94531.4 -4328.0	4176	9.8	95012.9 -4340.5	4266	9.8	95522.8 -4315.5
3997	10.1	94007.7 -4356.6	4087	9.8	94532.4 -4306.0	4177	10.2	95018.9 -4315.9	4267	9.8	95523.4 -4337.1
3998	10.2	94007.7 -4350.5	4088	10.4	94547.3 -4325.5	4178	9.4	95019.4 -4341.9	4268	9.8	95524.3 -4304.7
3999	10.4	94009.5 -4351.9	4089	8.6	94547.4 -4330.6	4179	10.0	95019.4 -4326.9	4269	10.4	95524.3 -4328.6
4000	10.4	94009.5 -4326.2	4090	9.6	94555.9 -4355.5	4180	9.4	95019.9 -4341.0	4270	10.4	95527.3 -4330.6
4001	10.0	94011.2 -4348.1	4091	9.4	94559.4 -4328.4	4181	9.5	95019.9 -4341.3	4271	10.0	95530.3 -4344.9
4002	10.4	94011.7 -4356.4	4092	9.9	94600.4 -4325.4	4182	9.5	95021.4 -4314.8	4272	10.2	95533.8 -4344.6
4003	10.0	94011.7 -4317.2	4093	9.8	94601.9 -4352.0	4183	10.2	95024.4 -4311.7	4273	10.8	95537.0 -4344.3
4004	10.2	94012.7 -4333.2	4094	10.0	94602.4 -4320.0	4184	10.4	95026.9 -4331.9	4274	10.5	95544.5 -4335.1
4005	10.2	94013.5 -4315.3	4095	9.8	94608.4 -4327.8	4185	9.8	95032.4 -4309.2	4275	10.8	95546.9 -4312.5
4006	9.8	94014.2 -4310.9	4096	10.2	94610.4 -4329.8	4186	10.1	95036.4 -4332.8	4276	10.5	95557.5 -4341.0
4007	10.0	94021.7 -4355.2	4097	10.4	94611.4 -4324.8	4187	10.0	95036.9 -4340.8	4277	9.0	95558.6 -4310.2
4008	8.8	94027.1 -4301.2	4098	10.2	94621.4 -4332.8	4188	10.2	95038.9 -4321.7	4278	10.4	95619.0 -4334.7
4009	10.2	94029.7 -4301.6	4099	9.6	94623.4 -4320.0	4189	10.4	95047.4 -4325.1	4279	10.4	95620.0 -4309.9
4010	9.0	94031.7 -4309.1	4100	10.2	94627.4 -4322.6	4190	10.2	95054.9 -4303.1	4280	10.8	95627.0 -4347.8
4011	10.2	94045.2 -4334.5	4101	10.2	94632.9 -4308.2	4191	8.6	95057.7 -4301.6	4281	9.5	95632.5 -4327.3
4012	10.0	94045.2 -4348.7	4102	10.4	94634.9 -4340.0	4192	10.2	95058.4 -4356.1	4282	10.2	95633.0 -4346.7
4013	10.2	94048.2 -4323.6	4103	10.2	94634.9 -4320.2	4193	10.1	95104.3 -4325.1	4283	10.0	95636.5 -4318.3
4014	9.9	94054.7 -4305.3	4104	10.4	94635.4 -4356.0	4194	9.6	95108.8 -4335.6	4284	9.6	95643.0 -4344.9
4015	9.9	94059.1 -4321.1	4105	9.9	94636.1 -4358.5	4195	10.0	95108.8 -4348.1	4285	10.2	95649.0 -4334.1
4016	8.3	94100.1 -4306.3	4106	10.2	94639.4 -4328.0	4196	9.8	95110.8 -4304.9	4286	10.8	95650.0 -4316.4
4017	9.5	94100.6 -4345.3	4107	10.4	94639.9 -4355.8	4197	10.2	95114.3 -4343.4	4287	10.2	95650.5 -4315.1
4018	10.4	94103.6 -4350.5	4108	9.6	94643.9 -4305.2	4198	10.4	95119.3 -4305.9	4288	8.5	95652.0 -4341.2
4019	9.8	94106.1 -4336.3	4109	9.3	94653.9 -4330.4	4199	10.1	95119.3 -4316.5	4289	9.8	95655.5 -4352.9
4020	9.6	94111.6 -4333.8	4110	10.1	94658.4 -4352.8	4200	9.8	95121.3 -4343.0	4290	10.4	95701.0 -4314.7
4021	10.0	94116.6 -4351.5	4111	10.4	94659.4 -4340.6	4201	10.4	95137.1 -4357.7	4291	10.8	95702.5 -4341.6
4022	10.4	94120.1 -4350.5	4112	9.3	94700.4 -4320.0	4202	9.6	95139.3 -4345.1	4292	10.0	95704.5 -4343.6
4023	10.4	94127.1 -4318.9	4113	8.3	94709.4 -4312.7	4203	10.0	95140.3 -4309.5	4293	10.2	95704.5 -4305.3
4024	10.4	94127.6 -4318.3	4114	10.2	94710.9 -4349.4	4204	9.4	95144.8 -4341.0	4294	10.4	95705.0 -4323.9
4025	10.4	94128.1 -4352.7	4115	9.6	94711.4 -4315.8	4205	9.5	95145.3 -4343.2	4295	10.6	95708.0 -4306.2
4026	10.2	94130.6 -4335.4	4116	9.2	94723.9 -4304.2	4206	9.9	95151.3 -4301.7	4296	9.5	95711.0 -4301.6
4027	9.6	94131.1 -4354.1	4117	10.4	94724.9 -4344.2	4207	9.6	95205.8 -4318.0	4297	10.0	95722.0 -4340.4
4028	10.4	94131.6 -4312.9	4118	10.0	94724.9 -4337.3	4208	10.4	95218.2 -4354.0	4298	10.2	95733.0 -4310.3
4029	9.9	94132.8 -4300.1	4119	9.9	94730.4 -4320.0	4209	9.9	95221.3 -4307.5	4299	10.8	95734.5 -4348.7
4030	9.6	94143.6 -4314.7	4120	9.9	94732.4 -4342.8	4210	10.0	95222.4 -4332.3	4300	10.8	95743.0 -4338.9
4031	10.4	94155.1 -4329.1	4121	9.8	94732.9 -4353.0	4211	9.8	95222.8 -4342.9	4301	9.4	95755.0 -4342.1
4032	10.0	94158.1 -4343.9	4122	9.9	94737.9 -4340.0	4212	10.1	95226.3 -4316.4	4302	10.6	95756.5 -4311.7
4033	10.4	94209.1 -4336.1	4123	10.0	94742.4 -4328.4	4213	10.4	95227.8 -4328.8	4303	10.2	95800.5 -4324.4
4034	10.4	94212.1 -4336.3	4124	10.2	94743.4 -4303.2	4214	10.4	95232.8 -4354.0	4304	10.8	95805.7 -4301.2
4035	9.9	94215.1 -4358.1	4125	10.2	94744.4 -4346.8	4215	10.4	95239.8 -4353.5	4305	10.4	95806.0 -4311.1
4036	9.4	94217.6 -4328.2	4126	10.4	94746.3 -4347.6	4216	10.4	95240.3 -4318.4	4306	9.5	95808.0 -4351.2
4037	10.2	94218.6 -4327.8	4127	10.2	94747.9 -4338.5	4217	8.6	95241.3 -4306.2	4307	7.8	95812.5 -4314.1
4038	10.4	94219.6 -4316.5	4128	10.2	94747.9 -4317.8	4218	9.8	95247.3 -4329.6	4308	10.5	95813.0 -4338.2
4039	10.4	94229.4 -4312.0	4129	9.4	94752.9 -4316.8	4219	10.0	95249.3 -4332.1	4309	10.4	95831.5 -4346.8
4040	9.6	94231.1 -4325.1	4130	10.0	94754.9 -4345.6	4220	9.2	95252.8 -4340.7	4310	10.2	95835.0 -4325.8
4041	9.6	94231.1 -4311.1	4131	10.0	94759.4 -4357.2	4221	10.2	95252.8 -4321.1	4311	10.5	95838.5 -4309.5
4042	10.4	94236.6 -4324.1	4132	9.3	94759.9 -4342.2	4222	9.5	95257.3 -4347.5	4312	10.0	95840.0 -4327.0
4043	10.2	94237.6 -4345.1	4133	9.6	94801.4 -4338.8	4223	9.8	95257.8 -4338.1	4313	10.8	95841.5 -4338.5
4044	10.0	94240.6 -4309.5	4134	10.4	94805.9 -4329.6	4224	10.2	95259.3 -4313.9	4314	9.6	95843.0 -4351.9
4045	9.5	94247.6 -4327.8	4135	9.8	94805.9 -4306.6	4225	10.0	95301.3 -4318.8	4315	10.6	95852.5 -4352.0
4046	9.8	94248.6 -4322.7	4136	9.4	94817.9 -4353.8	4226	10.1	95301.3 -4345.5	4316	8.7	95854.0 -4310.2
4047	10.4	94252.6 -4318.5	4137	8.0	94819.9 -4359.9	4227	9.6	95302.3 -4356.6	4317	10.8	95900.0 -4345.4
4048	10.2	94255.1 -4333.1	4138	9.8	94821.4 -4335.2	4228	10.2	95302.4 -4356.1	4318	10.5	95910.0 -4309.0
4049	10.1	94301.6 -4348.9	4139	10.4	94831.4 -4316.4	4229	9.3	95307.3 -4308.1	4319	10.6	95911.0 -4342.2
4050	10.2	94309.6 -4343.7	4140	10.4	94834.4 -4316.6	4230	10.0	95310.3 -4315.3	4320	10.2	95922.0 -4303.9
4051	10.4	94321.1 -4328.3	4141	10.4	94834.9 -4345.6	4231	9.9	95310.8 -4327.9	4321	10.4	95922.5 -4333.5
4052	8.0	94329.6 -4326.3	4142	10.1	94837.4 -4340.8	4232	10.0	95312.3 -4353.2	4322	10.0	95924.0 -4357.7
4053	9.9	94329.6 -4350.5	4143	10.4	94839.3 -4325.5	4233	10.2	95312.3 -4331.3	4323	10.4	95924.5 -4347.1
4054	10.4	94330.1 -4331.1	4144	10.4	94839.9 -4342.8	4234	10.1	95312.4 -4326.1	4324	10.0	95926.5 -4334.9
4055	9.8	94331.6 -4342.3	4145	9.8	94841.4 -4337.0	4235	9.2	95315.8 -4313.1	4325	10.9	95928.7 -4349.3
4056	9.8	94332.1 -4317.5	4146	10.4	94846.9 -4306.0	4236	9.8	95325.8 -4357.8	4326	10.4	95930.0 -4320.6
4057	9.2	94341.1 -4340.9	4147	10.2	94851.4 -4332.9	4237	10.4	95335.3 -4356.5	4327	10.6	95933.5 -4338.2
4058	10.0	94341.1 -4331.3	4148	10.2	94856.4 -4355.7	4238	10.4	95338.8 -4350.7	4328	10.8	95938.0 -4336.0
4059	9.6	94344.1 -4313.5	4149	9.3	94859.9 -4317.8	4239	9.2	95341.8 -4334.7	4329	8.6	95940.5 -4336.7
4060	10.4	94348.6 -4319.7	4150	9.9	94900.4 -4318.3	4240	9.8	95344.8 -4315.4	4330	10.4	95941.0 -4310.3
4061	9.2	94355.6 -4320.2	4151	9.3	94901.4 -4313.8	4241	9.4	95401.3 -4330.1	4331	10.8	95941.5 -4332.7
4062	10.2	94401.6 -4343.9	4152	9.9	94904.9 -4320.8	4242	9.3	95405.0 -4302.3	4332	10.6	95955.5 -4323.5
4063	9.8	94402.6 -4335.8	4153	9.5	94904.9 -4301.5	4243	10.4	95405.3 -4352.9	4333	9.3	95956.0 -4313.8
4064	10.4	94407.6 -4326.1	4154	10.2	94913.4 -4318.2	4244	9.6	95407.8 -4328.7	4334	8.8	95958.0 -4359.1
4065	10.0	94408.6 -4348.0	4155	10.2	94914.9 -4318.9	4245	9.6	95410.3 -4350.8	4335	10.2	100008.5 -4337.1
4066	10.4	94409.6 -4354.9	4156	9.8	94917.4 -4327.4	4246	9.3	95411.3 -4334.6	4336	9.4	100011.0 -4318.6

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4337	10.8	100021.5	-4348.3
4338	10.2	100022.0	-4309.3
4339	10.2	100023.0	-4336.1
4340	9.9	100029.0	-4359.8
4341	10.0	100032.5	-4330.1
4342	10.2	100035.5	-4355.9
4343	10.8	100041.0	-4342.5
4344	9.0	100042.0	-4322.1
4345	10.8	100044.0	-4354.1
4346	10.2	100045.2	-4300.8
4347	9.6	100050.0	-4341.6
4348	9.6	100052.5	-4353.9
4349	10.8	100100.0	-4341.4
4350	10.8	100102.0	-4320.8
4351	10.8	100118.0	-4335.9
4352	10.2	100119.0	-4353.1
4353	10.4	100120.0	-4325.3
4354	10.0	100120.0	-4308.5
4355	8.4	100120.5	-4320.0
4356	9.2	100120.5	-4333.3
4357	10.8	100122.0	-4347.7
4358	9.9	100126.0	-4332.0
4359	10.5	100126.0	-4329.0
4360	10.8	100128.0	-4300.0
4361	10.0	100128.8	-4358.5
4362	10.8	100131.0	-4347.0
4363	10.8	100155.5	-4338.4
4364	10.4	100202.0	-4324.7
4365	10.4	100210.0	-4325.1
4366	10.4	100211.5	-4330.2
4367	9.8	100214.0	-4333.1
4368	10.8	100214.5	-4318.2
4369	10.5	100215.2	-4359.3
4370	9.4	100216.5	-4354.5
4371	9.8	100216.5	-4305.1
4372	10.8	100218.5	-4351.0
4373	10.8	100219.0	-4342.1
4374	10.6	100223.5	-4339.4
4375	10.8	100230.5	-4319.6
4376	10.8	100230.5	-4338.1
4377	10.5	100232.5	-4310.0
4378	10.0	100233.0	-4334.5
4379	10.4	100239.0	-4339.7
4380	10.4	100243.0	-4343.9
4381	9.5	100245.0	-4332.2
4382	10.8	100245.5	-4337.2
4383	10.2	100250.0	-4358.8
4384	9.5	100253.5	-4325.8
4385	9.3	100259.0	-4355.2
4386	10.8	100259.5	-4324.6
4387	10.8	100302.5	-4332.7
4388	10.2	100302.5	-4314.1
4389	10.8	100302.5	-4315.2
4390	10.0	100304.0	-4356.6
4391	10.4	100309.0	-4317.2
4392	10.4	100310.0	-4311.7
4393	10.4	100314.5	-4311.2
4394	10.8	100321.1	-4336.1
4395	10.2	100325.5	-4331.0
4396	10.2	100328.5	-4302.5
4397	10.8	100330.0	-4348.6
4398	10.8	100337.5	-4309.9
4399	10.8	100341.5	-4339.9
4400	10.4	100343.0	-4321.1
4401	10.8	100345.5	-4341.6
4402	10.4	100350.0	-4306.5
4403	10.5	100352.0	-4358.0
4404	10.5	100352.0	-4357.5
4405	8.2	100354.5	-4305.6
4406	10.6	100356.0	-4320.4
4407	10.2	100358.0	-4309.6
4408	7.8	100358.0	-4305.0
4409	10.0	100359.0	-4357.6
4410	9.2	100406.5	-4335.0
4411	9.9	100406.5	-4310.5
4412	10.4	100409.0	-4314.0
4413	10.0	100410.0	-4330.8
4414	10.8	100421.5	-4325.0
4415	10.2	100421.7	-4357.2
4416	9.6	100422.0	-4340.7
4417	10.8	100422.0	-4333.8
4418	10.6	100426.5	-4350.2
4419	10.8	100426.5	-4312.9
4420	9.5	100427.5	-4341.0
4421	10.4	100438.0	-4337.0
4422	10.0	100440.5	-4320.4
4423	10.8	100456.5	-4347.0
4424	10.4	100456.5	-4355.4
4425	10.8	100456.8	-4343.4
4426	10.2	100457.0	-4324.7
4427	10.2	100457.0	-4308.0
4428	10.8	100457.8	-4339.4
4429	10.0	100458.0	-4326.8
4430	10.2	100501.0	-4334.1
4431	8.9	100501.5	-4351.2
4432	10.8	100502.2	-4359.8
4433	10.8	100503.0	-4322.2
4434	10.0	100504.8	-4343.7
4435	10.6	100510.0	-4335.5
4436	10.0	100510.5	-4343.4
4437	9.5	100513.0	-4355.2
4438	10.4	100518.0	-4334.0
4439	10.2	100520.0	-4312.0
4440	8.3	100520.0	-4350.4
4441	10.8	100532.0	-4324.0
4442	10.8	100540.0	-4308.0
4443	8.9	100542.0	-4302.6
4444	8.8	100551.5	-4312.6
4445	10.8	100551.5	-4311.5
4446	7.6	100554.5	-4328.0
4447	10.8	100557.0	-4330.3
4448	8.7	100600.0	-4338.0
4449	9.6	100607.0	-4301.5
4450	10.6	100613.0	-4315.8
4451	10.8	100613.5	-4311.8
4452	10.4	100618.5	-4326.3
4453	10.2	100619.5	-4342.8
4454	10.2	100621.0	-4342.0
4455	10.4	100622.5	-4300.0
4456	10.8	100628.0	-4314.5
4457	9.8	100628.2	-4357.2
4458	9.6	100631.5	-4323.9
4459	10.8	100633.0	-4356.4
4460	10.8	100633.5	-4316.2
4461	10.0	100637.0	-4353.4
4462	10.4	100637.5	-4330.1
4463	10.4	100638.5	-4339.1
4464	9.5	100643.5	-4321.1
4465	10.2	100649.0	-4328.6
4466	10.4	100649.0	-4322.8
4467	10.4	100705.5	-4345.2
4468	10.8	100708.0	-4341.4
4469	10.8	100711.2	-4358.0
4470	10.4	100714.5	-4322.8
4471	9.5	100715.0	-4307.8
4472	8.7	100722.5	-4337.4
4473	9.5	100728.5	-4353.2
4474	10.8	100733.0	-4315.6
4475	10.8	100735.5	-4309.1
4476	8.1	100736.0	-4323.4
4477	10.0	100745.5	-4316.1
4478	8.9	100754.5	-4310.3
4479	10.8	100757.0	-4346.2
4480	10.8	100759.0	-4345.4
4481	10.8	100800.0	-4300.3
4482	10.8	100800.5	-4336.8
4483	10.6	100801.0	-4317.1
4484	10.5	100803.5	-4335.3
4485	9.8	100805.5	-4326.8
4486	10.0	100810.5	-4323.0
4487	10.5	100810.5	-4348.7
4488	10.8	100814.0	-4327.1
4489	8.9	100820.5	-4348.1
4490	9.4	100820.5	-4331.1
4491	10.0	100821.0	-4309.1
4492	10.8	100825.5	-4331.8
4493	10.2	100827.0	-4318.6
4494	10.8	100828.0	-4340.0
4495	10.8	100830.0	-4335.0
4496	9.2	100831.5	-4328.8
4497	10.6	100835.8	-4356.0
4498	9.3	100836.5	-4313.7
4499	10.4	100839.0	-4320.8
4500	8.8	100840.0	-4338.4
4501	10.8	100841.0	-4357.0
4502	10.4	100842.0	-4307.5
4503	10.8	100848.0	-4337.0
4504	7.6	100852.0	-4328.3
4505	10.6	100856.5	-4336.2
4506	10.6	100906.0	-4337.0
4507	10.8	100915.5	-4328.9
4508	10.4	100915.5	-4312.2
4509	9.6	100919.5	-4348.8
4510	10.8	100926.0	-4356.8
4511	8.5	100926.7	-4300.4
4512	9.6	100933.5	-4337.0
4513	10.8	100934.5	-4356.1
4514	10.0	100935.0	-4308.2
4515	10.5	100941.5	-4319.7
4516	10.2	100946.5	-4318.0
4517	7.8	100950.0	-4350.8
4518	10.8	100955.0	-4336.0
4519	10.5	100959.5	-4310.0
4520	10.0	101003.5	-4358.4
4521	10.2	101004.5	-4359.5
4522	10.2	101012.5	-4327.6
4523	10.2	101018.0	-4335.7
4524	10.4	101026.5	-4328.6
4525	10.6	101030.0	-4323.0
4526	10.2	101035.0	-4328.0
4527	10.4	101042.0	-4355.0
4528	8.9	101043.5	-4337.0
4529	9.0	101044.7	-4357.0
4530	10.4	101049.6	-4342.0
4531	10.8	101051.5	-4331.5
4532	10.4	101057.6	-4307.2
4533	8.6	101058.6	-4312.6
4534	10.8	101059.6	-4355.3
4535	10.2	101102.6	-4310.1
4536	10.4	101104.1	-4323.7
4537	10.8	101138.1	-4322.7
4538	10.0	101143.1	-4335.9
4539	9.9	101144.6	-4308.9
4540	10.0	101157.6	-4332.1
4541	9.3	101200.1	-4309.2
4542	10.2	101201.1	-4328.8
4543	10.8	101203.1	-4321.0
4544	9.9	101207.6	-4343.8
4545	10.8	101210.6	-4339.4
4546	10.6	101212.6	-4321.3
4547	10.0	101220.1	-4314.4
4548	10.4	101221.6	-4314.0
4549	10.8	101222.6	-4304.8
4550	10.6	101226.6	-4335.2
4551	10.8	101226.6	-4304.8
4552	10.6	101236.6	-4306.0
4553	10.2	101237.1	-4345.1
4554	9.9	101250.1	-4327.8
4555	10.5	101252.6	-4305.6
4556	10.2	101252.9	-4358.1
4557	10.4	101259.1	-4353.1
4558	10.0	101302.6	-4345.0
4559	10.6	101302.6	-4334.2
4560	10.4	101305.6	-4351.2
4561	10.8	101309.6	-4329.7
4562	10.8	101315.5	-4307.2
4563	10.0	101315.6	-4326.6
4564	10.4	101329.1	-4325.2
4565	10.2	101336.1	-4332.8
4566	10.4	101337.6	-4306.3
4567	10.8	101342.8	-4306.9
4568	10.5	101345.6	-4311.1
4569	10.8	101346.1	-4334.4
4570	10.8	101352.6	-4308.0
4571	10.6	101355.6	-4346.6
4572	10.0	101409.6	-4332.2
4573	9.5	101414.6	-4347.9
4574	10.6	101414.6	-4354.0
4575	10.8	101427.3	-4359.7
4576	10.8	101429.1	-4329.7
4577	10.5	101429.6	-4341.6
4578	10.6	101430.1	-4347.8
4579	10.4	101432.6	-4340.9
4580	10.8	101435.6	-4352.0
4581	10.8	101443.1	-4358.6
4582	10.6	101450.6	-4306.5
4583	10.8	101451.6	-4342.5
4584	10.4	101457.1	-4336.3
4585	10.4	101459.6	-4346.7
4586	10.2	101516.1	-4317.0
4587	10.6	101517.6	-4350.6
4588	10.0	101521.8	-4302.2
4589	10.4	101523.6	-4326.6
4590	10.0	101525.6	-4357.7
4591	10.4	101529.6	-4312.3
4592	10.2	101531.1	-4341.2
4593	10.8	101531.6	-4307.7
4594	10.4	101540.1	-4309.9
4595	10.4	101540.6	-4313.4
4596	10.4	101544.1	-4330.2
4597	10.8	101546.7	-4343.6
4598	8.8	101550.6	-4314.1
4599	10.6	101554.6	-4337.0
4600	10.0	101555.6	-4318.2
4601	10.4	101558.6	-4335.7
4602	10.4	101559.6	-4341.5
4603	7.8	101602.6	-4354.6
4604	10.4	101606.8	-4357.8
4605	10.2	101614.1	-4333.4
4606	10.4	101621.6	-4344.8

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4607	10.6	101626.6	-4335.6
4608	9.8	101632.6	-4352.6
4609	9.8	101632.6	-4353.4
4610	10.2	101634.3	-4357.4
4611	10.0	101638.1	-4306.0
4612	10.4	101641.1	-4321.2
4613	9.5	101643.1	-4342.0
4614	10.0	101645.1	-4319.2
4615	10.6	101651.6	-4307.1
4616	10.8	101657.1	-4353.1
4617	10.4	101709.6	-4341.0
4618	10.8	101712.3	-4302.0
4619	10.8	101712.6	-4303.7
4620	10.2	101714.6	-4304.5
4621	10.8	101721.1	-4303.9
4622	10.6	101723.6	-4308.1
4623	9.4	101728.6	-4357.0
4624	10.8	101730.6	-4309.0
4625	10.0	101745.6	-4340.4
4626	10.8	101749.1	-4332.7
4627	10.2	101801.6	-4321.3
4628	10.4	101801.6	-4339.0
4629	10.2	101805.6	-4321.4
4630	10.3	101811.1	-4344.1
4631	10.3	101811.1	-4303.4
4632	10.0	101812.1	-4312.1
4633	9.6	101815.1	-4329.9
4634	9.2	101816.6	-4329.6
4635	9.6	101819.6	-4302.9
4636	7.4	101830.6	-4336.6
4637	10.6	101838.1	-4352.0
4638	10.2	101839.6	-4344.9
4639	10.2	101841.6	-4339.6
4640	10.8	101844.1	-4314.0
4641	7.6	101854.6	-4324.2
4642	10.8	101856.6	-4349.4
4643	10.4	101903.8	-4357.3
4644	10.6	101905.1	-4324.5
4645	10.0	101905.6	-4334.0
4646	10.2	101925.1	-4324.0
4647	10.8	101934.6	-4318.6
4648	10.8	101935.1	-4350.7
4649	9.6	101940.6	-4310.8
4650	10.8	101945.1	-4328.9
4651	9.2	101945.6	-4314.7
4652	10.2	101951.6	-4336.4
4653	9.9	102001.1	-4308.7
4654	10.8	102009.0	-4300.8
4655	10.4	102015.6	-4321.8
4656	10.8	102016.6	-4321.2
4657	10.8	102021.6	-4333.7
4658	10.2	102028.6	-4315.4
4659	10.0	102030.6	-4304.2
4660	10.4	102039.1	-4342.6
4661	9.9	102048.1	-4343.3
4662	10.2	102052.1	-4347.5
4663	9.5	102052.1	-4350.2
4664	10.5	102055.6	-4348.7
4665	10.0	102101.4	-4301.0
4666	10.8	102113.1	-4317.8
4667	10.5	102121.1	-4308.1
4668	10.5	102134.6	-4310.1
4669	10.8	102145.6	-4321.3
4670	10.5	102147.6	-4337.9
4671	10.4	102151.6	-4323.7
4672	8.9	102201.6	-4315.1
4673	10.8	102204.6	-4307.7
4674	10.4	102207.1	-4346.4
4675	10.8	102210.6	-4321.3
4676	10.4	102211.6	-4337.4
4677	10.2	102212.1	-4355.1
4678	10.0	102213.1	-4351.1
4679	10.8	102217.1	-4302.4
4680	9.0	102217.1	-4352.7
4681	7.6	102222.1	-4342.3
4682	9.4	102222.6	-4336.3
4683	10.4	102223.1	-4351.0
4684	10.6	102225.6	-4323.6
4685	10.8	102227.4	-4319.6
4686	9.3	102233.1	-4339.7
4687	10.0	102238.1	-4306.1
4688	10.2	102251.6	-4346.4
4689	9.9	102254.1	-4356.9
4690	9.5	102255.0	-4311.9
4691	10.8	102256.6	-4333.4
4692	10.8	102256.7	-4336.7
4693	10.2	102304.6	-4338.9
4694	10.8	102311.2	-4323.9
4695	10.5	102317.5	-4323.2
4696	10.8	102319.5	-4334.3

-43 4697 10h23m

-43 5056 10h53m

4697	7.2	102322.1	-4312.1	4787	10.2	102932.3	-4313.5	4877	10.0	103601.5	-4325.2	4967	9.8	104458.0	-4310.1
4698	9.8	102324.7	-4358.6	4788	9.8	102932.8	-4355.3	4878	9.1	103609.5	-4329.3	4968	10.2	104500.1	-4330.9
4699	9.7	102332.8	-4345.7	4789	10.2	102933.3	-4335.9	4879	10.2	103612.0	-4310.9	4969	10.2	104502.1	-4359.0
4700	10.2	102335.7	-4313.5	4790	9.6	102934.5	-4301.3	4880	10.2	103612.5	-4303.7	4970	10.2	104509.1	-4356.4
4701	10.2	102407.9	-4307.3	4791	9.8	102942.7	-4301.0	4881	10.2	103619.0	-4331.3	4971	9.2	104524.1	-4331.2
4702	10.0	102408.2	-4332.7	4792	9.7	102943.8	-4357.1	4882	9.9	103628.5	-4341.5	4972	10.2	104525.6	-4354.5
4703	9.1	102409.3	-4349.1	4793	9.2	102944.3	-4354.8	4883	10.2	103633.5	-4314.7	4973	9.8	104531.1	-4350.5
4704	10.0	102411.8	-4307.7	4794	7.4	102945.7	-4301.3	4884	10.2	103645.5	-4357.5	4974	10.2	104531.1	-4355.1
4705	10.2	102415.8	-4310.9	4795	10.2	102948.8	-4350.1	4885	10.2	103706.5	-4315.7	4975	10.2	104536.6	-4326.8
4706	8.4	102417.8	-4313.8	4796	10.2	102951.3	-4310.4	4886	8.6	103712.5	-4344.5	4976	10.2	104542.1	-4350.6
4707	10.0	102418.3	-4310.4	4797	10.2	102951.8	-4327.3	4887	10.2	103714.0	-4337.3	4977	10.2	104607.1	-4355.6
4708	9.9	102425.3	-4325.6	4798	8.9	102956.8	-4319.3	4888	10.0	103727.3	-4357.6	4978	9.3	104609.1	-4347.2
4709	9.4	102429.3	-4325.5	4799	9.9	102957.8	-4347.0	4889	9.6	103727.5	-4354.9	4979	10.0	104621.1	-4306.9
4710	10.2	102438.3	-4350.5	4800	10.2	102958.3	-4320.4	4890	10.3	103728.5	-4300.9	4980	9.8	104634.1	-4305.5
4711	10.2	102440.3	-4305.6	4801	9.7	103002.3	-4334.5	4891	9.8	103733.5	-4304.0	4981	9.7	104640.6	-4322.6
4712	9.9	102452.8	-4334.5	4802	10.2	103002.4	-4358.0	4892	10.2	103740.5	-4310.3	4982	9.9	104644.6	-4338.4
4713	10.0	102500.3	-4316.7	4803	8.0	103010.8	-4308.4	4893	9.1	103752.5	-4356.5	4983	10.0	104653.1	-4319.2
4714	9.4	102506.8	-4348.8	4804	10.2	103012.8	-4334.9	4894	9.8	103754.5	-4308.1	4984	10.2	104655.1	-4306.6
4715	10.0	102521.8	-4353.5	4805	9.7	103012.8	-4337.5	4895	9.9	103801.0	-4326.2	4985	9.8	104701.1	-4351.9
4716	10.2	102529.3	-4331.9	4806	9.9	103015.8	-4310.0	4896	10.2	103802.0	-4316.5	4986	9.2	104716.1	-4358.3
4717	9.9	102529.8	-4316.1	4807	9.3	103017.3	-4352.8	4897	10.2	103810.0	-4356.4	4987	9.9	104720.1	-4330.4
4718	7.6	102536.3	-4343.6	4808	10.3	103017.3	-4340.0	4898	10.2	103810.5	-4305.9	4988	10.2	104721.6	-4317.5
4719	10.2	102536.8	-4313.1	4809	10.2	103018.3	-4333.0	4899	9.7	103816.0	-4324.5	4989	9.8	104725.6	-4321.3
4720	9.9	102540.3	-4336.6	4810	9.0	103019.8	-4329.7	4900	9.5	103817.5	-4341.9	4990	9.9	104732.1	-4323.8
4721	8.6	102540.8	-4318.6	4811	9.8	103020.8	-4345.6	4901	10.0	103818.3	-4357.6	4991	10.0	104737.1	-4323.9
4722	10.2	102545.8	-4352.6	4812	9.9	103023.3	-4347.0	4902	8.9	103823.2	-4305.5	4992	10.0	104742.1	-4349.0
4723	9.2	102559.3	-4337.1	4813	9.9	103029.8	-4324.1	4903	9.2	103827.7	-4325.8	4993	10.2	104752.3	-4341.1
4724	9.2	102600.8	-4327.8	4814	10.2	103041.8	-4340.5	4904	10.2	103829.7	-4314.7	4994	8.2	104752.6	-4344.8
4725	10.2	102607.3	-4359.1	4815	9.4	103048.3	-4333.0	4905	9.9	103840.7	-4314.6	4995	10.2	104814.6	-4329.1
4726	10.0	102613.8	-4309.1	4816	9.6	103053.3	-4326.2	4906	9.9	103841.7	-4321.1	4996	9.7	104821.1	-4358.2
4727	9.6	102616.2	-4357.6	4817	10.0	103102.8	-4300.1	4907	9.8	103900.7	-4305.4	4997	10.2	104822.6	-4320.0
4728	7.6	102623.3	-4350.6	4818	10.2	103109.3	-4308.9	4908	9.6	103903.2	-4301.1	4998	9.7	104824.1	-4315.9
4729	10.2	102626.5	-4358.1	4819	9.9	103120.8	-4332.3	4909	10.2	103904.7	-4307.8	4999	9.5	104830.8	-4349.9
4730	9.2	102627.3	-4354.2	4820	10.0	103123.8	-4304.8	4910	9.6	103910.2	-4354.4	5000	9.0	104833.8	-4300.9
4731	10.2	102631.3	-4322.5	4821	10.2	103130.3	-4319.0	4911	10.2	103911.7	-4318.6	5001	9.7	104850.3	-4347.8
4732	9.8	102634.3	-4306.7	4822	9.7	103132.3	-4322.8	4912	8.9	103915.7	-4318.0	5002	10.2	104852.8	-4322.1
4733	9.9	102635.8	-4307.7	4823	8.3	103138.1	-4302.7	4913	9.4	103921.7	-4307.2	5003	9.8	104928.3	-4312.2
4734	9.2	102640.3	-4325.9	4824	9.8	103143.5	-4352.5	4914	8.5	103929.7	-4312.6	5004	10.2	104930.8	-4327.7
4735	10.2	102650.3	-4324.3	4825	10.2	103146.0	-4317.5	4915	10.0	103932.7	-4313.3	5005	10.2	104934.8	-4325.0
4736	10.0	102702.3	-4315.1	4826	9.9	103151.7	-4358.6	4916	9.7	103936.7	-4315.4	5006	9.9	104935.8	-4330.2
4737	7.4	102712.5	-4358.6	4827	9.6	103152.5	-4352.1	4917	9.9	103936.7	-4350.9	5007	9.5	104937.3	-4331.6
4738	9.6	102712.8	-4353.2	4828	9.8	103153.5	-4359.2	4918	9.8	103938.7	-4350.5	5008	9.8	104938.8	-4353.6
4739	10.0	102715.3	-4347.2	4829	9.6	103154.5	-4334.4	4919	10.2	103942.1	-4357.9	5009	10.2	104942.8	-4345.3
4740	9.8	102715.3	-4308.1	4830	10.2	103203.3	-4317.2	4920	9.4	103942.2	-4333.0	5010	10.2	104944.4	-4348.0
4741	10.2	102720.3	-4307.2	4831	10.2	103204.0	-4318.1	4921	10.2	103943.2	-4343.0	5011	9.7	104946.6	-4301.2
4742	9.4	102720.8	-4331.0	4832	10.2	103217.8	-4321.8	4922	9.4	103951.4	-4302.6	5012	9.5	104946.8	-4337.8
4743	9.9	102722.3	-4352.5	4833	9.9	103221.8	-4347.3	4923	9.0	103953.4	-4302.7	5013	10.2	104958.3	-4350.1
4744	10.2	102722.8	-4309.0	4834	10.2	103224.5	-4358.3	4924	10.0	103954.7	-4334.5	5014	10.2	104958.8	-4338.3
4745	9.4	102722.8	-4304.1	4835	9.7	103226.3	-4344.3	4925	9.8	104005.9	-4302.7	5015	8.6	105003.8	-4338.6
4746	8.6	102723.3	-4355.7	4836	9.8	103230.8	-4351.5	4926	10.0	104014.5	-4357.2	5016	9.6	105005.8	-4355.4
4747	9.9	102725.8	-4325.1	4837	10.2	103231.8	-4326.9	4927	10.2	104018.2	-4353.7	5017	10.2	105007.4	-4309.8
4748	9.2	102727.3	-4303.1	4838	8.6	103241.8	-4315.5	4928	10.0	104020.5	-4357.7	5018	10.2	105014.3	-4335.1
4749	10.2	102727.8	-4306.3	4839	9.9	103243.3	-4337.9	4929	10.2	104031.7	-4327.5	5019	9.7	105015.8	-4309.5
4750	9.8	102730.3	-4339.5	4840	8.7	103251.8	-4347.3	4930	9.9	104036.0	-4358.1	5020	10.2	105023.8	-4348.0
4751	9.2	102731.8	-4316.5	4841	9.8	103255.8	-4311.3	4931	9.5	104101.5	-4333.9	5021	10.0	105024.5	-4313.2
4752	9.5	102736.8	-4350.0	4842	9.9	103256.8	-4317.9	4932	9.9	104103.0	-4316.4	5022	10.0	105027.8	-4313.7
4753	9.9	102738.2	-4356.6	4843	10.2	103300.8	-4344.0	4933	10.2	104113.0	-4312.0	5023	9.8	105029.3	-4329.0
4754	10.0	102739.3	-4351.9	4844	9.9	103312.3	-4318.5	4934	10.2	104115.5	-4328.9	5024	10.2	105037.8	-4319.0
4755	9.9	102739.8	-4336.9	4845	9.7	103314.3	-4319.0	4935	9.9	104117.5	-4348.6	5025	10.2	105041.4	-4349.5
4756	10.2	102741.3	-4321.9	4846	10.2	103316.1	-4359.4	4936	10.0	104117.5	-4321.0	5026	9.5	105102.2	-4330.3
4757	9.2	102743.3	-4350.2	4847	9.4	103317.8	-4323.1	4937	8.2	104123.0	-4337.1	5027	10.4	105110.7	-4336.5
4758	9.0	102745.8	-4353.5	4848	9.8	103323.8	-4355.0	4938	9.9	104133.0	-4316.3	5028	10.4	105127.8	-4336.2
4759	8.6	102750.8	-4353.1	4849	9.7	103332.8	-4324.0	4939	10.0	104138.5	-4354.5	5029	10.2	105132.2	-4335.1
4760	9.9	102756.8	-4334.9	4850	9.6	103333.3	-4302.5	4940	8.7	104142.0	-4358.1	5030	9.9	105135.0	-4325.3
4761	10.2	102759.3	-4335.6	4851	10.0	103339.3	-4353.2	4941	10.2	104143.0	-4339.1	5031	8.9	105137.2	-4306.6
4762	10.2	102801.3	-4331.9	4852	10.0	103343.8	-4347.1	4942	10.2	104149.5	-4310.4	5032	10.0	105138.7	-4353.2
4763	10.2	102803.8	-4333.7	4853	9.9	103350.3	-4329.6	4943	9.9	104151.5	-4316.9	5033	10.0	105140.7	-4316.8
4764	10.2	102804.8	-4319.1	4854	9.4	103355.8	-4317.3	4944	10.0	104151.5	-4309.7	5034	10.0	105141.2	-4310.0
4765	10.2	102807.8	-4335.9	4855	10.0	103400.6	-4302.5	4945	10.2	104203.0	-4318.9	5035	10.0	105141.2	-4309.7
4766	10.2	102810.3	-4357.0	4856	10.2	103404.3	-4345.8	4946	10.2	104204.0	-4335.1	5036	10.0	105142.2	-4331.8
4767	10.0	102812.8	-4345.6	4857	9.8	103408.8	-4352.5	4947	10.2	104213.5	-4302.1	5037	9.3	105151.2	-4314.9
4768	9.8	102813.8	-4358.3	4858	9.9	103413.3	-4338.3	4948	10.0	104228.0	-4314.5	5038	10.3	105153.2	-4352.0
4769	9.4	102815.8	-4352.5	4859	10.0	103425.8	-4351.1	4949	8.1	104257.5	-4343.1	5039	10.2	105206.2	-4328.6
4770	10.2	102822.3	-4359.5	4860	9.2	103436.3	-4334.2	4950	10.2	104259.3	-4327.0	5040	9.8	105217.7	-4351.6
4771	10.2	102825.3	-4318.8	4861	10.2	103448.8	-4336.1	4951	9.8	104300.5	-4332.9	5041	10.4	105223.7	-4305.0
4772	10.0	102827.3	-4304.5	4862	10.2	103450.3	-4342.0	4952	10.2	104310.0	-4316.1	5042	10.2	105224.6	-4300.4
4773	10.2	102838.3	-4321.7	4863	9.4	103458.3	-4316.3	4953	10.0	104311.5	-4332.8	5043	10.4	105227.2	-4304.4
4774	9.6	102845.8	-4342.7	4864	10.2	103458.7	-4355.3	4954	10.0	104322.0	-4351.3	5044	10.4	105235.2	-4331.1
4775	10.2	102849.3	-4344.2	4865	9.6	103506.3	-4345.7	4955	8.4	104329.0	-4308.3	5045	10.4	105237.2	-4355.8
4776	9.9	102851.8	-4351.6	4866	10.2	103510.0	-4357.5	4956	9.9	104342.5	-4308.3	5046	10.0	105240.0	-4359.7
4777	10.2	102852.3	-4328.4	4867	8.1	103512.0	-4306.3	4957	10.2	104348.5	-4355.1	5047	10.0	105242.2	-4324.8
4778	10.2	102859.8	-4324.5	4868	9.2	103513.5	-4341.0	4958	10.0	104350.5	-4341.0	5048	10.4	105248.7	-4355.8
4779	9.8	102900.8	-4317.6	4869	10.0	103518.0	-4349.1	4959	8.0	104354.5	-4337.4	5049	10.0	105254.7	-4317.3
4780	10.2	102906.3	-4340.4	4870	9.5	103520.0	-4305.9	4960	9.2	104410.7	-4358.3	5050	10.4	105258.7	-4341.2
4781	10.2	102915.3	-4325.4	4871	9.8	103540.5	-4323.8	4961	10.2	104415.5	-4350.1	5051	10.0	105259.7	-4347.2
4782	10.2	102916.8	-4304.8	4872	10.0	103541.0	-4352.7	4962	10.0	104416.5	-4335.7	5052	9.3	105301.7	-4317.4
4783	10.0	102926.8	-4346.1	4873	10.2	103555.5	-4318.0	4963	9.2	104426.7	-4359.0	5053	10.4	105305.2	-4300.9
4784	8.9	102928.3	-4344.2	4874	9.9	103555.5	-4315.9	4964	8.9	104427.5	-4353.1	5054	9.9	105306.2	-4329.0
4785	9.7	102930.8	-4346.7	4875	9.8	103556.5	-4333.0	4965	10.2	104443.0	-4352.7	5055	10.4	105312.7	-4329.4
4786	9.8	102930.8	-4323.4	4876	9.8	103600.0	-4307.4	4966	9.9	104453.5	-4351.3	5056	10.2	105312.7	-4352.4

-43 5057 10h53m

5057 9.8 105322.7 -4351.5	5147 7.8 110033.7 -4341.7	5237 10.3 110732.6 -4315.2	5327 10.4 111214.5 -4331.1
5058 10.0 105337.2 -4345.6	5148 10.4 110038.7 -4307.6	5238 10.3 110737.7 -4300.5	5328 10.4 111219.0 -4310.2
5059 10.3 105338.7 -4336.7	5149 10.0 110054.2 -4344.8	5239 10.2 110743.6 -4358.2	5329 10.4 111230.1 -4359.6
5060 10.4 105354.7 -4344.7	5150 10.0 110058.7 -4321.0	5240 10.0 110747.7 -4300.0	5330 10.4 111235.8 -4322.7
5061 10.4 105355.2 -4340.8	5151 10.0 110059.7 -4327.6	5241 10.0 110751.1 -4307.8	5331 9.8 111244.3 -4355.1
5062 6.8 105418.7 -4308.2	5152 8.2 110100.7 -4323.2	5242 10.4 110756.1 -4332.0	5332 10.4 111248.3 -4331.0
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5064 10.4 105428.2 -4310.2	5154 9.7 110113.7 -4341.8	5244 8.6 110808.1 -4353.2	5334 10.0 111301.8 -4345.7
5065 10.4 105429.7 -4319.0	5155 10.3 110114.7 -4305.0	5245 8.0 110812.6 -4300.7	5335 10.4 111303.8 -4321.0
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-43 5416 11h19m

-43 5417 11h19m

-43 5776 12h17m

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5467 9.6 112725.7 -4316.7	5557 8.8 114108.5 -4318.5	5647 10.5 115828.8 -4315.2	5737 10.6 121014.6 -4302.3
5468 8.8 112729.7 -4328.1	5558 10.3 114121.5 -4341.2	5648 10.6 115841.3 -4319.7	5738 10.6 121017.8 -4356.1
5469 10.3 112737.7 -4307.3	5559 10.3 114135.9 -4356.9	5649 9.6 115844.3 -4348.7	5739 10.6 121025.8 -4305.8
5470 9.6 112744.2 -4350.1	5560 10.3 114155.0 -4358.2	5650 9.4 115844.8 -4351.7	5740 10.4 121039.3 -4338.2
5471 10.3 112751.7 -4303.5	5561 10.0 114205.0 -4340.4	5651 10.0 115849.3 -4320.5	5741 10.2 121051.3 -4312.6
5472 10.2 112808.7 -4320.6	5562 10.0 114207.5 -4343.0	5652 10.6 115853.8 -4301.3	5742 10.2 121101.3 -4339.1
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5474 9.5 112832.7 -4351.6	5564 9.0 114250.5 -4324.5	5654 9.9 115915.5 -4303.0	5744 9.6 121129.8 -4337.1
5475 10.3 112834.2 -4344.2	5565 10.1 114256.5 -4347.6	5655 10.6 115916.8 -4303.1	5745 9.8 121129.8 -4356.1
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5477 10.2 112838.2 -4310.8	5567 9.4 114344.5 -4341.4	5657 10.2 115927.8 -4327.4	5747 10.2 121159.8 -4320.5
5478 9.6 112847.7 -4306.9	5568 10.0 114402.0 -4328.7	5658 10.6 115936.8 -4318.1	5748 8.5 121201.3 -4326.9
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5480 10.0 112908.2 -4326.1	5570 10.3 114419.5 -4301.0	5660 10.6 115943.3 -4343.3	5750 9.6 121242.8 -4353.6
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5486 10.0 113011.2 -4325.6	5576 9.4 114447.0 -4358.6	5666 9.4 120019.8 -4348.4	5756 10.0 121326.8 -4322.0
5487 10.0 113015.2 -4307.7	5577 7.0 114458.0 -4314.2	5667 9.5 120029.8 -4334.0	5757 10.6 121329.3 -4333.0
5488 10.2 113016.7 -4321.3	5578 10.2 114507.5 -4327.7	5668 10.6 120036.3 -4341.1	5758 10.6 121338.3 -4329.3
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5494 10.2 113101.7 -4303.6	5584 10.6 114623.3 -4346.2	5674 9.0 120129.3 -4342.1	5764 10.6 121438.8 -4325.1
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5503 10.3 113222.7 -4310.1	5593 9.2 114818.8 -4358.2	5683 10.6 120248.3 -4314.2	5773 8.8 121649.6 -4337.5
5504 9.8 113223.7 -4340.4	5594 9.2 114854.8 -4318.3	5684 10.6 120258.3 -4327.4	5774 9.3 121654.1 -4359.9
5505 9.6 113225.2 -4339.7	5595 10.0 114900.8 -4355.2	5685 10.6 120303.8 -4339.8	5775 9.4 121659.1 -4313.5
5506 10.2 113230.7 -4337.9	5596 10.3 114910.3 -4339.2	5686 9.5 120316.8 -4350.6	5776 8.6 121721.6 -4358.7

-43 5777 12h18m

5777	9.0	121812.6	-4318.9	5867	9.6	123654.3	-4330.6	5957	10.2	125037.6	-4341.2	6047	10.0	130329.0	-4331.1
5778	10.2	121819.3	-4301.0	5868	9.8	123655.5	-4300.7	5958	9.8	125045.6	-4349.9	6048	9.6	130343.0	-4324.1
5779	9.2	121823.1	-4359.2	5869	9.2	123712.0	-4346.7	5959	9.2	125049.6	-4325.9	6049	10.2	130344.3	-4300.5
5780	9.8	121826.1	-4335.8	5870	9.5	123715.0	-4347.3	5960	10.2	125114.1	-4307.9	6050	10.2	130359.0	-4359.5
5781	9.2	121829.6	-4318.3	5871	8.9	123744.0	-4308.3	5961	10.0	125125.6	-4314.5	6051	9.3	130400.0	-4310.9
5782	9.4	121830.6	-4347.0	5872	9.3	123756.0	-4329.5	5962	8.6	125207.4	-4301.8	6052	10.2	130403.8	-4357.8
5783	9.8	121927.1	-4320.1	5873	9.6	123805.0	-4354.5	5963	10.2	125209.1	-4352.8	6053	9.5	130420.5	-4313.4
5784	9.3	121929.1	-4357.9	5874	9.8	123810.5	-4355.6	5964	10.2	125215.1	-4331.0	6054	9.6	130422.0	-4357.9
5785	9.6	121941.1	-4334.0	5875	9.8	123816.0	-4303.5	5965	9.0	125218.6	-4318.9	6055	10.2	130423.3	-4302.8
5786	9.8	121951.2	-4301.3	5876	9.8	123820.5	-4303.7	5966	10.2	125229.6	-4356.7	6056	10.2	130425.0	-4321.9
5787	8.9	121959.6	-4352.0	5877	9.0	123841.5	-4349.1	5967	9.2	125232.1	-4348.8	6057	10.2	130438.0	-4357.7
5788	8.0	122008.8	-4347.6	5878	9.8	123851.5	-4340.4	5968	8.8	125235.1	-4311.7	6058	10.0	130438.0	-4307.1
5789	9.5	122014.8	-4301.1	5879	9.5	123900.0	-4307.1	5969	9.6	125239.6	-4344.7	6059	10.0	130443.5	-4351.3
5790	9.6	122034.8	-4321.1	5880	9.8	123906.5	-4357.4	5970	10.2	125306.1	-4311.7	6060	9.9	130452.5	-4347.9
5791	9.8	122036.3	-4322.4	5881	8.9	123920.5	-4318.8	5971	10.2	125308.4	-4302.0	6061	9.0	130454.0	-4357.3
5792	9.8	122050.3	-4308.9	5882	9.8	123926.0	-4349.5	5972	10.2	125325.6	-4340.5	6062	9.3	130457.0	-4353.1
5793	9.5	122109.8	-4354.0	5883	9.8	123931.0	-4343.1	5973	9.0	125350.1	-4307.2	6063	9.6	130512.3	-4358.8
5794	9.5	122128.8	-4305.3	5884	10.2	123931.8	-4300.7	5974	10.2	125353.0	-4358.3	6064	9.2	130521.0	-4359.4
5795	9.8	122150.8	-4326.9	5885	9.8	123932.0	-4350.9	5975	9.6	125358.1	-4322.5	6065	9.9	130530.0	-4317.5
5796	9.8	122201.4	-4359.3	5886	9.3	123940.0	-4336.9	5976	9.0	125413.9	-4300.7	6066	9.6	130539.0	-4353.9
5797	9.2	122213.8	-4355.8	5887	9.6	123943.5	-4350.9	5977	9.4	125415.6	-4343.7	6067	10.2	130539.3	-4302.4
5798	9.2	122214.3	-4336.2	5888	9.8	124008.5	-4302.5	5978	10.2	125422.4	-4301.5	6068	10.2	130600.0	-4309.5
5799	9.8	122227.3	-4310.0	5889	9.8	124026.5	-4358.8	5979	10.0	125428.6	-4316.2	6069	9.2	130603.5	-4309.9
5800	9.2	122303.8	-4315.0	5890	9.8	124030.0	-4344.3	5980	9.2	125449.6	-4331.2	6070	10.2	130635.5	-4330.5
5801	9.4	122353.3	-4315.6	5891	9.8	124031.0	-4305.7	5981	9.2	125459.6	-4306.9	6071	10.2	130642.8	-4301.4
5802	8.0	122353.8	-4340.5	5892	9.8	124033.0	-4318.1	5982	10.2	125519.6	-4318.4	6072	10.2	130645.0	-4328.3
5803	9.3	122430.8	-4333.8	5893	8.9	124034.0	-4302.8	5983	9.2	125520.6	-4336.5	6073	10.0	130650.5	-4356.3
5804	9.8	122439.8	-4351.4	5894	9.8	124055.8	-4322.3	5984	10.2	125523.6	-4326.1	6074	9.8	130711.5	-4325.2
5805	9.8	122446.8	-4336.4	5895	9.3	124059.5	-4353.3	5985	9.2	125525.1	-4308.3	6075	10.2	130728.5	-4343.9
5806	9.3	122452.3	-4316.2	5896	9.2	124112.5	-4358.3	5986	9.6	125529.6	-4317.1	6076	9.8	130747.5	-4349.8
5807	9.5	122502.3	-4352.4	5897	10.2	124119.6	-4342.0	5987	9.5	125549.6	-4314.0	6077	10.2	130756.0	-4340.8
5808	9.2	122510.8	-4340.6	5898	9.3	124127.6	-4338.0	5988	10.0	125606.1	-4318.9	6078	9.3	130806.0	-4353.1
5809	8.6	122514.3	-4305.9	5899	10.2	124132.9	-4300.0	5989	8.2	125611.6	-4353.4	6079	10.2	130815.0	-4359.7
5810	9.8	122519.8	-4312.7	5900	10.2	124138.6	-4310.5	5990	9.8	125615.6	-4316.9	6080	9.5	130819.3	-4323.5
5811	9.8	122538.3	-4306.0	5901	10.2	124143.6	-4313.5	5991	10.0	125619.1	-4309.7	6081	9.6	130822.0	-4304.0
5812	9.8	122548.3	-4318.3	5902	9.5	124149.6	-4324.2	5992	8.8	125620.6	-4312.3	6082	9.9	130835.7	-4335.8
5813	9.8	122556.3	-4348.4	5903	9.9	124150.6	-4336.9	5993	10.2	125627.6	-4334.2	6083	9.9	130843.2	-4327.0
5814	9.6	122611.8	-4329.8	5904	8.5	124151.8	-4302.1	5994	10.0	125644.6	-4308.0	6084	9.9	130853.9	-4309.2
5815	9.2	122613.8	-4300.4	5905	9.9	124158.3	-4331.3	5995	10.2	125713.1	-4340.1	6085	10.2	130856.4	-4309.1
5816	8.4	122627.8	-4307.9	5906	9.9	124203.8	-4302.1	5996	9.6	125714.1	-4321.9	6086	9.5	130857.4	-4354.6
5817	9.0	122628.8	-4344.8	5907	8.4	124209.3	-4316.0	5997	10.2	125716.1	-4321.2	6087	10.2	130901.4	-4354.0
5818	9.4	122640.8	-4329.2	5908	10.2	124212.1	-4350.0	5998	10.2	125727.6	-4315.3	6088	9.8	130910.9	-4338.6
5819	9.2	122643.8	-4346.1	5909	10.2	124219.6	-4327.9	5999	8.6	125742.6	-4315.1	6089	10.2	130915.7	-4326.5
5820	8.2	122654.3	-4329.5	5910	10.2	124240.6	-4355.7	6000	9.9	125744.6	-4336.0	6090	9.8	130917.2	-4309.3
5821	9.5	122658.3	-4347.8	5911	9.9	124251.1	-4339.3	6001	10.2	125746.8	-4301.1	6091	10.0	130930.9	-4337.1
5822	9.2	122701.3	-4324.3	5912	9.2	124317.6	-4319.1	6002	10.2	125815.6	-4340.0	6092	8.9	130948.1	-4354.0
5823	9.8	122717.0	-4300.9	5913	9.4	124319.6	-4356.0	6003	9.8	125817.6	-4310.0	6093	6.6	130959.4	-4319.1
5824	9.8	122718.8	-4332.6	5914	9.4	124330.6	-4315.9	6004	10.0	125819.6	-4328.6	6094	10.1	131000.4	-4350.4
5825	9.4	122727.4	-4359.4	5915	9.4	124404.1	-4330.7	6005	9.4	125825.6	-4311.1	6095	10.2	131014.5	-4339.1
5826	9.6	122738.3	-4358.3	5916	8.8	124406.6	-4320.0	6006	9.8	125831.6	-4354.2	6096	8.5	131020.4	-4339.4
5827	10.4	122752.8	-4301.3	5917	9.6	124407.6	-4322.7	6007	9.6	125832.1	-4342.3	6097	9.9	131037.9	-4310.5
5828	7.0	122756.8	-4358.7	5918	9.6	124419.6	-4326.0	6008	10.2	125835.6	-4342.0	6098	7.1	131050.4	-4323.6
5829	9.4	122810.3	-4335.2	5919	10.2	124423.6	-4351.0	6009	10.0	125835.6	-4331.1	6099	9.4	131106.9	-4317.8
5830	8.6	122820.3	-4333.4	5920	9.2	124429.1	-4321.1	6010	9.8	125842.4	-4359.8	6100	9.4	131108.9	-4327.4
5831	9.8	122822.3	-4335.3	5921	10.2	124429.6	-4326.9	6011	9.8	125845.6	-4345.1	6101	9.4	131202.9	-4331.5
5832	9.8	122823.8	-4344.3	5922	9.8	124458.6	-4317.6	6012	9.6	125845.6	-4318.0	6102	8.8	131212.4	-4318.0
5833	9.8	122826.3	-4349.0	5923	9.6	124515.6	-4308.1	6013	9.0	125851.6	-4325.4	6103	9.6	131212.4	-4330.1
5834	8.5	122834.8	-4308.6	5924	9.6	124516.6	-4338.0	6014	9.6	125854.6	-4344.2	6104	9.4	131215.4	-4320.4
5835	9.0	122834.8	-4352.6	5925	9.8	124519.6	-4309.6	6015	9.0	125900.6	-4345.0	6105	9.7	131248.9	-4331.2
5836	8.9	122902.3	-4319.1	5926	9.2	124519.6	-4326.1	6016	10.2	125901.6	-4343.9	6106	9.0	131304.9	-4317.8
5837	9.6	122911.8	-4330.8	5927	9.8	124525.1	-4339.1	6017	10.2	125905.1	-4343.9	6107	10.2	131311.9	-4333.9
5838	9.8	122918.5	-4359.1	5928	9.5	124558.6	-4346.2	6018	9.8	125908.1	-4316.4	6108	9.4	131331.9	-4313.0
5839	9.8	122925.3	-4300.2	5929	9.5	124604.6	-4325.1	6019	10.2	125919.6	-4317.1	6109	10.2	131342.4	-4320.3
5840	9.8	122938.3	-4335.8	5930	9.2	124622.4	-4359.0	6020	10.2	125924.6	-4326.8	6110	10.2	131347.9	-4325.4
5841	9.3	123005.8	-4342.1	5931	9.6	124643.6	-4333.3	6021	10.2	125929.6	-4338.8	6111	10.1	131349.9	-4309.3
5842	9.4	123048.8	-4304.7	5932	9.3	124711.1	-4312.1	6022	10.0	125931.1	-4314.0	6112	10.1	131350.4	-4329.4
5843	9.6	123116.3	-4315.0	5933	9.2	124717.3	-4343.2	6023	10.0	125940.6	-4329.9	6113	10.0	131352.4	-4325.9
5844	9.5	123150.3	-4319.7	5934	10.0	124729.6	-4346.1	6024	9.6	125947.6	-4340.6	6114	9.7	131420.4	-4351.8
5845	9.8	123153.8	-4345.7	5935	9.5	124730.1	-4355.1	6025	9.8	125950.1	-4350.2	6115	9.7	131420.9	-4357.1
5846	9.8	123235.8	-4323.4	5936	9.8	124734.4	-4300.7	6026	9.5	125951.1	-4348.2	6116	9.9	131431.9	-4325.0
5847	9.4	123310.8	-4354.0	5937	9.9	124741.1	-4344.9	6027	9.5	130048.6	-4326.1	6117	9.2	131436.4	-4332.0
5848	9.4	123319.8	-4337.3	5938	9.8	124742.1	-4324.5	6028	9.5	130049.6	-4349.9	6118	9.4	131443.4	-4333.8
5849	9.8	123327.8	-4340.8	5939	9.9	124755.6	-4341.5	6029	10.2	130114.6	-4342.2	6119	10.1	131456.4	-4354.1
5850	9.8	123338.3	-4341.1	5940	7.4	124800.6	-4327.9	6030	9.6	130124.6	-4323.0	6120	10.2	131500.9	-4344.1
5851	8.9	123352.3	-4319.0	5941	10.0	124810.6	-4307.7	6031	9.4	130129.6	-4315.0	6121	9.4	131518.9	-4336.2
5852	7.9	123420.3	-4324.8	5942	10.0	124829.6	-4353.1	6032	10.2	130130.6	-4344.7	6122	10.0	131520.4	-4325.7
5853	9.3	123427.8	-4336.9	5943	10.2	124833.1	-4327.8	6033	10.2	130139.6	-4304.8	6123	9.4	131525.9	-4343.3
5854	9.8	123429.7	-4300.6	5944	9.8	124848.6	-4353.9	6034	10.2	130153.1	-4331.0	6124	9.4	131534.9	-4318.9
5855	9.8	123431.8	-4320.1	5945	9.6	124849.6	-4333.5	6035	10.2	130155.1	-4337.2	6125	8.9	131544.4	-4310.0
5856	9.2	123433.8	-4340.3	5946	9.6	124905.7	-4357.3	6036	9.6	130159.6	-4341.8	6126	10.0	131544.9	-4357.3
5857	9.0	123508.3	-4312.7	5947	9.9	124914.6	-4306.0	6037	8.9	130203.1	-4318.6	6127	9.4	131556.4	-4349.7
5858	9.8	123509.8	-4313.1	5948	10.2	124928.6	-4346.4	6038	9.0	130213.1	-4356.1	6128	10.1	131635.9	-4327.5
5859	9.8	123510.8	-4315.1	5949	9.8	124930.6	-4301.8	6039	10.2	130236.1	-4312.7	6129	9.6	131655.4	-4328.2
5860	9.3	123520.3	-4315.5	5950	9.2	124933.6	-4343.8	6040	10.2	130239.6	-4305.5	6130	9.4	131729.9	-4344.8
5861	9.0	123524.3	-4316.2	5951	10.2	124937.6	-4312.6	6041	10.2	130243.6	-4338.5	6131	9.0	131740.4	-4351.5
5862	9.8	123545.8	-4353.5	5952	9.2	124944.6	-4340.7	6042	9.0	130304.5	-4355.5	6132	10.2	131740.4	-4327.7
5863	10.4	123554.7	-4300.2	5953	10.2	125011.6	-4320.5	6043	10.2	130319.8	-4300.0	6133	8.5	131740.9	-4316.2
5864	9.8	123610.8	-4353.3	5954	9.3	125019.1	-4322.7	6044	10.2	130325.5	-4331.5	6134	9.7	131750.4	-4315.6
5865	9.2	123647.3	-4316.7	5955	9.6	125029.6	-4313.8	6045	10.3	130325.6	-4300.7	6135	10.1	131805.4	-4358.3
5866	9.2	123652.8	-4359.4	5956	10.2	125031.6	-4337.5	6046	10.2	130329.0	-4344.2	6136	9.4	131823.9	-4303.8

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6137	8.1	131842.4	-4313.6	6227	9.6	133030.8	-4341.7	6317	8.9	134517.3	-4315.0
6138	9.6	131845.4	-4349.1	6228	9.6	133032.8	-4328.1	6318	9.9	134520.8	-4319.0
6139	9.6	131846.4	-4333.6	6229	9.9	133058.8	-4341.0	6319	9.2	134526.3	-4314.4
6140	9.7	131855.9	-4352.6	6230	10.1	133059.8	-4340.2	6320	10.0	134540.3	-4306.4
6141	9.6	131910.4	-4327.8	6231	9.6	133105.3	-4309.0	6321	10.0	134549.8	-4308.9
6142	9.7	131922.9	-4312.8	6232	7.4	133114.3	-4352.7	6322	9.4	134554.3	-4344.2
6143	9.4	131930.4	-4342.7	6233	9.4	133119.8	-4323.5	6323	9.9	134604.8	-4358.3
6144	10.2	131939.9	-4302.2	6234	9.1	133129.8	-4317.1	6324	8.7	134627.8	-4319.0
6145	10.2	131954.9	-4324.2	6235	10.1	133151.3	-4342.5	6325	9.6	134630.3	-4322.8
6146	9.8	132030.4	-4348.1	6236	10.0	133201.8	-4300.9	6326	10.0	134639.7	-4301.4
6147	10.0	132037.9	-4325.6	6237	10.0	133228.1	-4332.3	6327	9.9	134651.8	-4329.6
6148	10.2	132044.9	-4338.2	6238	9.9	133229.6	-4350.3	6328	10.0	134654.3	-4305.4
6149	7.9	132044.9	-4307.1	6239	10.2	133251.1	-4327.8	6329	10.0	134714.3	-4343.6
6150	9.0	132059.9	-4331.0	6240	9.0	133252.1	-4356.8	6330	9.9	134726.8	-4343.7
6151	9.0	132100.4	-4337.8	6241	7.0	133308.1	-4341.6	6331	8.9	134728.8	-4351.9
6152	10.2	132101.4	-4322.7	6242	8.2	133312.1	-4337.6	6332	8.8	134747.3	-4313.3
6153	10.2	132109.9	-4312.1	6243	9.8	133323.6	-4338.1	6333	8.4	134751.0	-4358.3
6154	10.0	132110.4	-4319.0	6244	9.9	133348.6	-4318.8	6334	9.4	134801.3	-4330.4
6155	9.0	132120.4	-4319.0	6245	8.9	133419.6	-4302.2	6335	9.6	134806.8	-4306.7
6156	9.6	132130.4	-4314.6	6246	9.0	133421.1	-4309.0	6336	10.0	134812.8	-4344.0
6157	9.2	132132.4	-4351.2	6247	9.6	133435.1	-4320.5	6337	9.9	134815.8	-4345.7
6158	8.7	132133.9	-4305.2	6248	10.1	133439.1	-4319.7	6338	10.0	134818.8	-4313.6
6159	10.1	132139.9	-4356.8	6249	9.0	133439.6	-4318.7	6339	9.9	134821.3	-4346.0
6160	9.9	132143.9	-4338.7	6250	8.7	133445.1	-4319.9	6340	10.0	134840.3	-4301.9
6161	10.2	132150.4	-4348.7	6251	9.7	133459.6	-4359.2	6341	9.1	134908.4	-4302.9
6162	9.4	132150.9	-4335.0	6252	10.2	133503.6	-4331.3	6342	10.0	134920.3	-4342.7
6163	9.0	132211.4	-4334.4	6253	7.0	133519.1	-4333.5	6343	10.0	134920.8	-4332.8
6164	9.7	132215.9	-4332.1	6254	9.6	133543.6	-4334.4	6344	10.0	134928.3	-4342.1
6165	9.0	132219.4	-4322.0	6255	9.8	133559.1	-4322.1	6345	10.0	134950.3	-4353.1
6166	10.2	132249.2	-4306.0	6256	9.7	133605.1	-4330.3	6346	10.0	134954.3	-4316.8
6167	10.2	132254.7	-4317.4	6257	10.2	133606.8	-4313.1	6347	10.0	135004.5	-4321.6
6168	8.6	132258.2	-4313.6	6258	10.2	133616.8	-4357.1	6348	9.5	135012.0	-4354.0
6169	9.1	132300.5	-4358.0	6259	8.9	133624.6	-4307.9	6349	10.0	135031.0	-4312.0
6170	9.6	132300.7	-4311.2	6260	9.6	133640.3	-4321.4	6350	10.0	135045.5	-4308.2
6171	10.2	132301.2	-4308.8	6261	10.1	133642.1	-4315.7	6351	9.5	135050.0	-4315.3
6172	9.4	132302.2	-4355.2	6262	8.6	133644.8	-4325.2	6352	9.9	135118.0	-4346.4
6173	9.8	132314.7	-4305.0	6263	9.3	133649.6	-4307.8	6353	10.0	135147.5	-4310.4
6174	10.2	132329.7	-4353.0	6264	9.6	133653.1	-4340.6	6354	8.6	135149.0	-4305.6
6175	8.4	132330.2	-4303.9	6265	9.4	133659.3	-4325.0	6355	9.0	135149.0	-4340.5
6176	10.2	132342.2	-4332.0	6266	9.6	133659.9	-4336.0	6356	10.0	135203.0	-4353.7
6177	9.6	132351.2	-4339.7	6267	9.7	133708.1	-4313.0	6357	10.0	135211.0	-4305.6
6178	10.0	132403.7	-4317.4	6268	9.4	133716.8	-4356.0	6358	10.0	135212.0	-4332.0
6179	10.2	132408.7	-4329.2	6269	9.6	133718.3	-4346.1	6359	10.0	135221.9	-4346.2
6180	10.2	132417.7	-4324.6	6270	9.6	133722.8	-4304.1	6360	8.7	135231.0	-4336.8
6181	10.0	132420.5	-4357.4	6271	9.6	133725.6	-4357.9	6361	10.0	135235.0	-4317.7
6182	8.5	132424.2	-4322.3	6272	10.2	133730.8	-4329.0	6362	9.9	135247.5	-4305.9
6183	9.8	132425.7	-4303.9	6273	10.2	133733.1	-4300.7	6363	9.6	135254.5	-4334.9
6184	10.2	132431.2	-4325.8	6274	10.0	133735.5	-4306.8	6364	9.2	135256.0	-4342.8
6185	10.2	132449.2	-4329.1	6275	9.0	133752.5	-4346.6	6365	10.0	135313.9	-4337.7
6186	9.7	132450.2	-4345.3	6276	10.0	133824.5	-4312.2	6366	9.7	135314.0	-4325.2
6187	10.1	132450.7	-4307.6	6277	9.9	133910.5	-4354.8	6367	9.8	135315.0	-4312.9
6188	8.4	132453.7	-4323.9	6278	9.8	133915.5	-4356.5	6368	7.3	135326.5	-4335.3
6189	9.7	132502.2	-4308.0	6279	10.0	133931.5	-4344.0	6369	10.0	135337.5	-4333.5
6190	9.8	132503.2	-4337.1	6280	10.0	133950.5	-4313.9	6370	9.4	135341.5	-4343.7
6191	9.1	132510.2	-4350.4	6281	9.9	133950.5	-4344.1	6371	10.0	135345.5	-4325.7
6192	7.5	132514.2	-4348.2	6282	10.0	134012.5	-4334.3	6372	9.6	135349.8	-4301.6
6193	10.2	132523.7	-4342.4	6283	9.8	134018.5	-4329.0	6373	10.0	135351.0	-4311.7
6194	8.6	132530.7	-4327.5	6284	10.0	134021.0	-4356.0	6374	9.9	135351.5	-4307.0
6195	10.1	132533.7	-4315.0	6285	9.5	134050.5	-4345.3	6375	9.7	135352.5	-4324.0
6196	9.6	132544.7	-4334.8	6286	9.9	134105.0	-4305.3	6376	10.0	135430.0	-4314.0
6197	9.7	132550.7	-4303.4	6287	9.6	134110.0	-4353.3	6377	10.0	135433.5	-4347.5
6198	9.6	132609.2	-4313.0	6288	9.8	134112.5	-4334.6	6378	9.4	135442.8	-4357.9
6199	9.7	132632.7	-4323.1	6289	10.0	134121.5	-4304.8	6379	10.0	135445.0	-4332.0
6200	10.2	132714.2	-4324.0	6290	9.0	134130.5	-4318.2	6380	9.2	135448.0	-4354.7
6201	9.9	132722.7	-4328.2	6291	9.0	134131.5	-4306.5	6381	9.8	135450.0	-4318.7
6202	10.2	132728.8	-4327.0	6292	8.8	134132.5	-4331.4	6382	10.0	135450.5	-4343.0
6203	8.8	132729.8	-4322.1	6293	10.0	134138.8	-4300.8	6383	10.0	135454.0	-4333.0
6204	8.9	132735.3	-4315.2	6294	9.5	134139.5	-4338.8	6384	9.9	135500.0	-4324.5
6205	10.1	132742.8	-4346.3	6295	9.0	134150.5	-4336.3	6385	9.6	135506.5	-4307.4
6206	10.0	132746.3	-4343.3	6296	7.8	134150.5	-4335.2	6386	9.5	135515.0	-4335.1
6207	10.2	132751.8	-4304.3	6297	9.2	134212.5	-4316.0	6387	9.7	135530.5	-4341.6
6208	9.7	132759.3	-4346.1	6298	10.0	134213.5	-4334.4	6388	9.4	135534.0	-4304.1
6209	10.2	132804.0	-4300.7	6299	9.7	134247.5	-4355.1	6389	9.6	135605.0	-4312.5
6210	10.0	132831.3	-4339.8	6300	10.0	134316.5	-4330.0	6390	8.8	135606.0	-4309.7
6211	9.7	132852.3	-4321.5	6301	10.0	134355.3	-4310.6	6391	9.4	135620.5	-4316.0
6212	10.2	132853.3	-4317.0	6302	9.2	134410.3	-4359.2	6392	9.2	135648.0	-4351.0
6213	9.9	132858.3	-4318.0	6303	10.0	134421.3	-4348.7	6393	9.4	135705.6	-4307.3
6214	10.2	132900.3	-4318.1	6304	10.0	134424.3	-4353.5	6394	9.9	135709.1	-4302.9
6215	10.2	132910.8	-4338.8	6305	10.0	134424.5	-4353.2	6395	10.0	135709.6	-4344.6
6216	10.2	132911.3	-4316.6	6306	9.7	134424.5	-4346.6	6396	9.7	135710.6	-4337.4
6217	9.6	132912.8	-4351.7	6307	9.7	134450.3	-4345.4	6397	10.0	135750.6	-4314.1
6218	9.4	132933.3	-4347.1	6308	10.0	134451.3	-4313.6	6398	10.0	135751.1	-4321.7
6219	10.2	132935.8	-4351.3	6309	10.0	134457.8	-4348.6	6399	9.6	135804.6	-4310.8
6220	7.2	132939.8	-4330.2	6310	9.9	134457.8	-4332.1	6400	9.6	135809.6	-4339.2
6221	9.0	132939.8	-4319.9	6311	10.0	134500.3	-4350.6	6401	9.4	135812.6	-4329.9
6222	10.0	132939.8	-4326.6	6312	9.5	134510.5	-4341.0	6402	10.0	135820.6	-4333.2
6223	10.2	132959.8	-4355.3	6313	10.0	134510.3	-4310.0	6403	9.5	135831.6	-4327.8
6224	9.7	133002.8	-4316.2	6314	9.4	134512.3	-4359.7	6404	9.1	135859.6	-4352.1
6225	9.3	133004.8	-4304.3	6315	10.0	134515.3	-4324.3	6405	9.4	135901.1	-4352.4
6226	9.2	133015.3	-4356.9	6316	9.4	134515.3	-4323.6	6406	9.7	135905.6	-4327.7
6407	9.9	135910.1	-4350.2								
6408	9.2	135912.1	-4312.5								
6409	9.2	135913.1	-4313.0								
6410	10.0	135924.6	-4352.0								
6411	8.9	135943.6	-4320.6								
6412	10.0	135943.6	-4327.0								
6413	9.9	135953.1	-4325.5								
6414	9.8	135959.6	-4306.6								
6415	10.0	140008.1	-4340.2								
6416	8.1	140009.6	-4323.8								
6417	9.5	140011.6	-4339.6								
6418	9.9	140011.6	-4342.8								
6419	9.6	140011.6	-4320.2								
6420	9.7	140017.6	-4335.7								
6421	9.8	140038.1	-4305.8								
6422	10.0	140053.1	-4349.4								
6423	10.0	140124.1	-4321.0								
6424	10.0	140124.6	-4328.6								
6425	10.0	140139.6	-4303.4								
6426	10.0	140140.6	-4341.1								
6427	9.0	140147.6	-4346.2								
6428	9.4	140159.6	-4335.7								
6429	7.7	140207.6	-4341.2								
6430	9.8	140212.1	-4323.8								
6431	9.4	140214.6	-4338.8								
6432	9.1	140216.1	-4304.8								
6433	10.0	140219.6	-4341.5								
6434	9.7	140230.1	-4323.0								
6435	9.2	140236.1	-4308.3								
6436	10.0	140248.6	-4334.2								
6437	10.0	140249.6	-4314.0								
6438	9.6	140255.6	-4352.6								
6439	9.2	140259.6	-4359.3								
6440	9.9	140303.6	-4326.2								
6441	10.0	140313.6	-4341.1								
6442	9.6	140319.2	-4356.7								
6443	9.5	140329.2	-4337.4								
6444	9.9	140341.7	-4359.4								
6445	9.0	140353.2	-4309.5								
6446	10.0	140359.7	-4350.6								
6447	9.4	140424.0	-4342.6								
6448	10.0	140424.3	-4347.8								
6449	10.2	140424.4	-4328.9								
6450	10.2	140440.4	-4346.9								
6451	9.2	140524.6	-4325.4								
6452	10.0	140540.1	-4357.9								
6453	9.4	140540.9	-4329.8								
6454	10.2	140548.4	-4347.1								
6455	9.6	140551.4	-4328.3								
6456	10.2	140557.9	-4339.2								
6457	9.2	140610.4	-4356.0								
6458	10.2	140613.4	-4322.8								
6459	9.0	140618.4	-4326.1								
6460	9.6	140620.4	-4329.1								
6461	10.2	140628.9	-4347.1								
6462	9.6	140630.9	-4342.8								
6463	9.6	140641.9	-4341.3								
6464	8.9	140651.9	-4336.8								
6465	9.6	140657.0	-4302.4								
6466	9.8	140706.9	-4336.1								
6467	9.8	140708.9	-4317.5								
6468	9.6	140716.4	-4329.7								
6469	9.8	140750.4	-4334.1								
6470	9.8	140753.9	-4342.1								
6471	10.2	140756.9	-4356.5								
6472	9.4	140800.0	-4316.6								
6473	9.8	140801.0	-4326.6								
6474	10.2	140809.5	-4341.4								
6475	10.2	140839.5	-4316.6								
6476	10.2	140908.5	-4319.6								
6477	10.2	140939.5	-4338.3								
6478	10.0	140940.0	-4345.8								
6479	9.0	140950.5	-4328.2								
6480	10.2	140951.5	-4322.5								
6481	10.0	140958.0	-4339.6								
6482	10.2	141014.0	-4303.0								
6483	10.0	141026.0	-4330.4								
6484	10.2	141028.8	-4300.8								
6485	9.2	141034.5	-4317.3								
6486	9.8	141039.5	-4308.0								
6487	9.8	141049.5	-4308.2								
6488	9.6	141055.5	-4316.6								
6489	9.2	141104.0	-4312.4								
6490	9.4	141111.5	-4320.5								
6491	10.2	141119.0	-4348.9								
6492	9.4	141120.0	-4354.2								
6493	9.2	141130.0	-4357.2								
6494	10.2	141133.5	-4314.5								
6495	10.0	141138.0	-4340.2								
6496	9.8	141143.5	-4304.2								

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6497	10.2	141147.0	-4330.0	6587	9.6	142314.1	-4357.7	6677	10.0	143615.4	-4300.2
6498	10.2	141219.5	-4355.2	6588	10.2	142321.8	-4327.1	6678	10.2	143619.9	-4349.6
6499	10.2	141230.0	-4309.2	6589	9.2	142339.8	-4312.5	6679	10.4	143628.9	-4316.2
6500	9.2	141230.0	-4322.0	6590	10.0	142359.8	-4353.1	6680	10.0	143630.4	-4315.4
6501	10.0	141232.0	-4339.8	6591	10.0	142400.3	-4339.5	6681	9.7	143638.2	-4328.9
6502	9.2	141239.0	-4305.5	6592	10.2	142413.8	-4326.0	6682	9.9	143659.2	-4340.5
6503	8.4	141250.0	-4348.8	6593	10.0	142418.0	-4358.7	6683	10.2	143709.7	-4344.1
6504	9.6	141250.0	-4325.2	6594	10.2	142425.8	-4341.8	6684	8.5	143714.7	-4349.5
6505	9.8	141251.5	-4340.4	6595	9.8	142426.8	-4317.0	6685	9.4	143735.7	-4310.5
6506	9.8	141253.5	-4335.6	6596	9.4	142448.3	-4303.7	6686	9.8	143735.7	-4310.7
6507	9.8	141301.5	-4346.8	6597	9.8	142449.3	-4320.4	6687	10.0	143738.2	-4313.9
6508	9.6	141311.5	-4345.8	6598	9.8	142452.3	-4353.1	6688	9.1	143757.7	-4346.3
6509	8.2	141314.0	-4356.2	6599	9.8	142453.3	-4311.9	6689	9.9	143800.2	-4352.9
6510	10.2	141323.5	-4344.2	6600	10.0	142509.3	-4317.5	6690	10.4	143815.2	-4324.6
6511	10.0	141333.5	-4328.0	6601	9.8	142509.8	-4307.6	6691	10.2	143816.2	-4305.8
6512	9.4	141342.0	-4330.2	6602	9.2	142520.8	-4328.9	6692	9.9	143823.7	-4338.7
6513	9.8	141344.0	-4303.8	6603	10.2	142532.3	-4300.0	6693	9.9	143827.7	-4340.0
6514	9.4	141346.5	-4356.2	6604	9.0	142539.8	-4327.6	6694	10.2	143837.9	-4358.4
6515	10.2	141351.0	-4302.1	6605	8.4	142619.8	-4345.0	6695	10.0	143839.7	-4337.0
6516	10.0	141358.5	-4319.1	6606	10.2	142628.0	-4307.2	6696	9.6	143849.7	-4336.4
6517	10.2	141412.0	-4328.2	6607	10.2	142635.3	-4300.3	6697	10.4	143859.7	-4356.2
6518	10.2	141413.5	-4324.2	6608	10.2	142637.8	-4305.3	6698	9.9	143905.7	-4357.4
6519	9.6	141424.5	-4304.9	6609	8.7	142639.8	-4328.6	6699	8.9	143911.2	-4355.6
6520	10.2	141435.3	-4327.4	6610	9.8	142647.8	-4317.7	6700	9.9	143915.7	-4323.6
6521	10.2	141510.0	-4326.0	6611	7.6	142705.6	-4300.3	6701	9.4	143921.7	-4351.8
6522	10.2	141511.0	-4345.4	6612	10.0	142705.8	-4332.9	6702	7.6	143925.2	-4301.8
6523	10.0	141537.5	-4314.2	6613	9.8	142726.8	-4341.1	6703	9.9	143928.2	-4318.2
6524	8.0	141542.0	-4323.2	6614	9.4	142729.8	-4320.9	6704	10.0	143930.7	-4353.2
6525	10.2	141550.0	-4302.9	6615	8.8	142730.3	-4354.0	6705	9.7	143933.2	-4325.2
6526	9.8	141615.3	-4301.6	6616	10.0	142736.3	-4326.4	6706	9.8	143937.7	-4359.8
6527	10.2	141621.0	-4356.8	6617	10.2	142755.3	-4300.1	6707	10.2	143949.2	-4319.6
6528	10.2	141630.0	-4314.0	6618	9.4	142755.3	-4314.7	6708	9.9	143949.7	-4304.1
6529	9.8	141643.5	-4332.2	6619	9.4	142814.8	-4326.4	6709	10.2	143959.7	-4317.2
6530	7.1	141644.0	-4344.4	6620	10.0	142838.3	-4352.7	6710	10.2	144002.2	-4314.9
6531	10.0	141648.0	-4311.7	6621	10.2	142848.9	-4306.0	6711	10.2	144006.2	-4314.8
6532	9.6	141651.5	-4346.8	6622	10.2	142851.5	-4359.0	6712	10.0	144007.2	-4344.0
6533	10.2	141655.5	-4324.4	6623	9.6	142917.4	-4337.1	6713	9.9	144015.2	-4329.5
6534	10.2	141659.3	-4302.4	6624	10.0	142921.9	-4308.9	6714	9.9	144039.2	-4305.5
6535	10.2	141659.8	-4302.1	6625	10.2	142929.4	-4334.0	6715	9.2	144049.2	-4347.1
6536	9.2	141709.5	-4307.0	6626	9.0	142929.4	-4307.6	6716	9.7	144059.7	-4352.9
6537	9.6	141719.0	-4333.3	6627	9.6	142939.4	-4332.3	6717	10.0	144105.7	-4309.4
6538	10.0	141719.0	-4346.8	6628	9.6	143008.9	-4322.2	6718	10.2	144110.0	-4353.7
6539	9.2	141721.0	-4349.1	6629	9.8	143037.4	-4310.1	6719	10.4	144116.0	-4330.9
6540	9.8	141726.5	-4331.1	6630	9.2	143046.9	-4306.1	6720	9.7	144122.5	-4357.3
6541	7.8	141734.0	-4304.4	6631	10.0	143054.4	-4354.1	6721	9.4	144126.5	-4346.2
6542	10.0	141736.0	-4324.4	6632	10.0	143105.4	-4303.1	6722	8.5	144132.5	-4311.9
6543	10.2	141751.0	-4327.6	6633	9.4	143113.4	-4331.8	6723	9.2	144138.5	-4355.7
6544	9.4	141759.0	-4322.6	6634	9.6	143116.4	-4312.2	6724	10.4	144146.5	-4324.5
6545	9.8	141800.0	-4319.0	6635	8.4	143121.4	-4330.4	6725	10.4	144148.5	-4313.0
6546	10.2	141809.5	-4309.4	6636	10.2	143129.4	-4305.1	6726	10.2	144150.5	-4357.3
6547	9.2	141815.0	-4329.8	6637	9.4	143139.4	-4324.6	6727	10.2	144153.5	-4320.7
6548	9.8	141818.5	-4340.9	6638	10.2	143149.6	-4342.2	6728	9.8	144154.5	-4313.5
6549	9.6	141820.5	-4329.8	6639	9.8	143207.2	-4300.4	6729	9.8	144159.5	-4322.3
6550	9.8	141824.0	-4335.1	6640	9.6	143210.2	-4312.9	6730	9.8	144159.5	-4328.1
6551	10.2	141825.0	-4314.7	6641	10.2	143216.9	-4345.0	6731	10.0	144201.5	-4351.0
6552	10.0	141826.5	-4319.4	6642	9.2	143246.9	-4357.8	6732	10.4	144201.8	-4359.7
6553	9.4	141843.0	-4312.0	6643	9.4	143253.4	-4324.6	6733	8.9	144203.0	-4338.1
6554	10.2	141843.5	-4310.0	6644	8.8	143254.9	-4309.4	6734	10.4	144203.5	-4320.5
6555	10.2	141851.5	-4312.2	6645	10.4	143256.9	-4338.8	6735	10.0	144207.5	-4317.7
6556	10.2	141903.0	-4310.0	6646	9.6	143314.9	-4328.6	6736	9.2	144209.5	-4344.6
6557	10.0	141920.5	-4350.4	6647	9.3	143318.4	-4355.0	6737	9.0	144213.7	-4318.3
6558	8.7	141928.0	-4358.9	6648	9.9	143321.9	-4346.6	6738	9.9	144219.2	-4322.9
6559	9.4	141943.0	-4314.6	6649	9.6	143322.4	-4310.6	6739	9.8	144221.7	-4340.1
6560	10.2	141943.5	-4325.5	6650	8.3	143335.9	-4342.2	6740	10.2	144231.2	-4327.6
6561	7.5	141947.5	-4346.0	6651	10.2	143339.9	-4347.7	6741	9.2	144239.7	-4352.7
6562	10.2	141948.5	-4355.3	6652	8.5	143341.4	-4323.7	6742	8.6	144251.7	-4353.9
6563	10.0	141953.5	-4346.8	6653	8.9	143345.0	-4357.8	6743	10.2	144300.7	-4304.3
6564	9.2	142010.5	-4340.4	6654	10.4	143345.4	-4329.8	6744	10.0	144318.7	-4315.3
6565	9.4	142018.5	-4357.8	6655	10.4	143353.9	-4342.1	6745	10.2	144320.7	-4359.9
6566	9.6	142024.5	-4330.3	6656	10.4	143359.9	-4303.9	6746	10.0	144321.7	-4340.4
6567	10.2	142032.0	-4322.0	6657	10.4	143400.4	-4335.6	6747	4.8	144330.2	-4303.9
6568	10.2	142046.5	-4309.0	6658	10.0	143412.9	-4349.1	6748	9.7	144332.7	-4338.3
6569	10.2	142050.0	-4327.7	6659	9.8	143417.5	-4359.2	6749	10.0	144336.7	-4338.9
6570	9.4	142101.5	-4356.2	6660	10.4	143423.9	-4306.1	6750	9.8	144338.2	-4310.2
6571	8.4	142103.5	-4307.8	6661	9.8	143429.9	-4317.0	6751	9.9	144400.7	-4311.1
6572	9.4	142119.5	-4306.2	6662	8.5	143430.9	-4338.5	6752	9.7	144404.7	-4346.0
6573	9.6	142120.0	-4310.8	6663	9.9	143439.9	-4340.1	6753	10.2	144405.7	-4303.1
6574	8.6	142134.0	-4313.0	6664	9.8	143454.9	-4346.8	6754	9.4	144408.2	-4316.5
6575	10.2	142156.5	-4328.3	6665	10.0	143511.5	-4359.8	6755	9.0	144408.7	-4317.7
6576	7.4	142211.5	-4318.2	6666	10.0	143518.4	-4306.6	6756	10.0	144412.7	-4317.1
6577	10.0	142215.5	-4316.6	6667	10.2	143526.4	-4337.6	6757	9.9	144416.7	-4356.3
6578	9.8	142217.5	-4335.6	6668	9.9	143535.9	-4339.2	6758	10.2	144421.7	-4325.4
6579	9.8	142224.5	-4357.2	6669	10.4	143544.9	-4314.0	6759	10.4	144438.2	-4333.8
6580	9.8	142224.5	-4344.6	6670	9.9	143546.9	-4341.9	6760	10.0	144438.7	-4320.2
6581	9.8	142225.0	-4311.1	6671	10.2	143553.9	-4339.0	6761	10.4	144442.2	-4315.8
6582	9.6	142232.5	-4351.6	6672	10.4	143558.4	-4355.4	6762	8.1	144454.7	-4312.7
6583	9.8	142246.5	-4320.9	6673	9.6	143604.9	-4332.1	6763	10.4	144456.7	-4357.0
6584	10.2	142251.0	-4337.8	6674	10.0	143608.5	-4356.7	6764	10.2	144459.7	-4328.5
6585	9.8	142300.5	-4317.6	6675	9.9	143610.9	-4338.1	6765	9.2	144503.2	-4313.7
6586	8.9	142303.5	-4317.3	6676	9.1	143611.9	-4342.0	6766	9.2	144506.7	-4311.4

-43 6856 14h55m

6767	9.3	144509.7	-4305.7	6857	9.8	144720.7	-4340.1	6947	9.8	144817.5	-4353.7
6768	8.9	144512.7	-4323.6	6788	9.9	144720.7	-4334.9	6798	9.8	144830.5	-4335.5
6769	10.0	144515.7	-4331.3	6789	10.2	144728.7	-4352.2	6799	10.2	144835.5	-4303.0
6770	10.2	144520.4	-4357.7	6790	10.4	144741.7	-4342.5	6800	10.0	144840.5	-4332.8
6771	10.0	144540.7	-4312.3	6791	8.9	144745.7	-4333.5	6801	9.3	144849.8	-4356.9
6772	9.7	144545.2	-4328.0	6792	9.1	144750.7	-4332.8	6802	10.0	144854.5	-4306.0
6773	10.2	144548.2	-4313.2	6793	9.8	144751.7	-4352.0	6803	9.4	144859.5	-4305.4
6774	8.7	144550.7	-4305.1	6794	8.2	144800.7	-4334.9	6804	10.2	144908.5	-4352.2
6775	9.7	144600.7	-4342.5	6795	9.4	144815.5	-4321.6	6805	10.0	144918.5	-4335.9
6776	9.9	144612.7	-4315.1	6796	9.8	144816.5	-4346.1	6806	10.4	144924.5	-4344.9
6777	9.9	144625.7	-4317.2								
6778	9.6	144628.2	-4343.0								
6779	10.2	144630.7	-4326.6								
6780	10.4	144637.7	-4315.0								
6781	10.2	144638.7	-4350.2								
6782	9.8	144640.7	-4327.4								
6783	9.7	144653.2	-4324.8								
6784	10.2	144703.7	-4309.0								
6785	8.0	144711.7	-4349.3								
6786	9.0	144720.7	-4352.9								

-43 6857 14h55m

-43 7216 15h33m

6857	9.7	145550.9	-4348.2	6947	9.8	150713.7	-4310.8	7037	8.8	151431.0	-4318.8
6858	10.4	145550.9	-4332.2	6948	9.8	150715.2	-4330.1	7038	9.7	151439.0	-4309.8
6859	10.0	145552.9	-4300.7	6949	7.8	150732.2	-4326.1	7039	9.4	151439.5	-4302.3
6860	9.4	145601.9	-4315.8	6950	8.8	150734.7	-4343.2	7040	9.6	151441.5	-4310.1
6861	10.2	145607.9	-4321.5	6951	9.6	150743.7	-4351.4	7041	10.2	151447.0	-4336.0
6862	10.4	145610.4	-4303.7	6952	10.1	150748.7	-4341.0	7042	9.4	151500.5	-4338.9
6863	8.6	145620.4	-4324.1	6953	6.8	150749.9	-4301.3	7043	10.2	151500.5	-4337.6
6864	8.9	145631.9	-4318.8	6954	9.7	150750.2	-4304.4	7044	9.8	151501.0	-4310.0
6865	9.4	145635.4	-4306.1	6955	9.7	150800.2	-4356.8	7045	9.9	151509.5	-4327.1
6866	9.6	145717.9	-4321.6	6956	10.2	150800.7	-4337.8	7046	9.0	151514.0	-4321.9
6867	10.4	145742.4	-4359.3	6957	7.7	150804.7	-4329.1	7047	10.2	151516.5	-4342.8
6868	10.0	145752.9	-4302.0	6958	9.7	150805.2	-4322.6	7048	9.6	151529.5	-4323.2
6869	10.4	145840.9	-4355.9	6959	8.0	150808.2	-4323.3	7049	9.6	151542.5	-4343.1
6870	9.7	145841.9	-4312.2	6960	10.0	150812.7	-4310.9	7050	9.7	151554.5	-4347.0
6871	10.0	145854.9	-4324.1	6961	7.8	150814.2	-4353.7	7051	9.8	151559.5	-4308.8
6872	10.2	145857.2	-4336.9	6962	9.6	150814.7	-4303.1	7052	10.1	151602.0	-4358.9
6873	9.3	145857.5	-4315.9	6963	9.9	150824.2	-4332.8	7053	7.8	151605.0	-4328.8
6874	10.4	145900.2	-4330.3	6964	9.8	150826.7	-4320.8	7054	10.2	151609.0	-4337.2
6875	10.4	145909.9	-4331.0	6965	9.6	150841.7	-4339.9	7055	10.0	151612.0	-4339.9
6876	10.2	145941.6	-4349.5	6966	8.6	150857.7	-4320.5	7056	9.9	151614.0	-4301.7
6877	7.7	145942.9	-4313.7	6967	9.6	150903.3	-4300.3	7057	9.8	151623.0	-4328.2
6878	9.8	145942.9	-4307.4	6968	9.9	150912.7	-4308.1	7058	9.2	151624.3	-4301.4
6879	9.9	145955.6	-4345.8	6969	10.2	150923.2	-4314.2	7059	9.8	151626.3	-4352.9
6880	10.2	145959.8	-4358.4	6970	10.2	150923.7	-4353.3	7060	7.6	151626.8	-4342.4
6881	10.1	150010.6	-4350.9	6971	9.2	150929.2	-4330.7	7061	9.6	151627.9	-4357.7
6882	10.2	150014.9	-4313.8	6972	9.0	150930.2	-4333.1	7062	10.1	151629.3	-4336.6
6883	10.0	150016.1	-4304.0	6973	10.1	150950.2	-4310.7	7063	10.2	151630.3	-4357.2
6884	9.7	150017.6	-4354.3	6974	10.1	150955.7	-4303.3	7064	9.2	151630.8	-4347.2
6885	9.7	150020.3	-4331.8	6975	9.0	151000.2	-4309.4	7065	9.6	151639.8	-4305.0
6886	10.0	150023.8	-4353.0	6976	9.4	151000.2	-4310.2	7066	8.8	151640.8	-4354.2
6887	10.2	150033.8	-4302.5	6977	9.2	151001.7	-4330.7	7067	9.8	151653.3	-4342.2
6888	10.2	150051.8	-4316.0	6978	9.4	151002.2	-4328.3	7068	9.0	151700.3	-4351.0
6889	10.1	150057.6	-4351.2	6979	9.6	151008.2	-4308.0	7069	9.8	151711.3	-4301.4
6890	9.7	150106.8	-4316.0	6980	10.2	151010.7	-4321.2	7070	9.7	151720.3	-4326.8
6891	10.2	150116.3	-4321.2	6981	10.2	151010.7	-4316.0	7071	9.8	151730.3	-4307.5
6892	10.2	150131.8	-4348.9	6982	8.8	151013.7	-4312.0	7072	10.2	151734.3	-4320.6
6893	10.2	150132.3	-4322.8	6983	10.2	151020.2	-4357.2	7073	10.0	151737.8	-4313.5
6894	9.4	150133.3	-4310.6	6984	10.2	151022.2	-4345.0	7074	8.8	151741.3	-4311.2
6895	10.2	150135.3	-4349.2	6985	10.2	151027.2	-4304.2	7075	9.7	151754.8	-4316.2
6896	9.0	150136.3	-4328.6	6986	9.0	151040.5	-4305.4	7076	9.6	151758.3	-4340.2
6897	10.2	150151.6	-4317.0	6987	9.6	151049.5	-4340.6	7077	9.8	151800.3	-4356.2
6898	9.4	150154.8	-4333.4	6988	9.8	151055.0	-4335.2	7078	9.8	151806.3	-4332.8
6899	10.0	150201.8	-4306.9	6989	9.4	151056.5	-4309.0	7079	10.1	151815.8	-4316.3
6900	10.2	150215.8	-4306.5	6990	9.4	151100.5	-4330.4	7080	8.8	151822.8	-4309.2
6901	7.5	150221.8	-4314.9	6991	9.8	151105.0	-4355.2	7081	7.8	151829.8	-4339.8
6902	10.2	150222.8	-4304.5	6992	9.9	151117.0	-4335.3	7082	9.8	151832.3	-4353.4
6903	7.9	150223.8	-4314.2	6993	10.1	151121.5	-4302.4	7083	9.6	151837.6	-4300.0
6904	10.1	150235.8	-4328.8	6994	10.1	151125.0	-4309.2	7084	9.6	151838.6	-4302.4
6905	9.0	150248.8	-4334.0	6995	9.6	151129.0	-4356.7	7085	10.2	151840.3	-4357.0
6906	10.2	150250.8	-4321.7	6996	10.2	151129.5	-4311.0	7086	8.7	151854.8	-4319.7
6907	7.7	150252.3	-4321.3	6997	10.1	151132.5	-4302.1	7087	9.8	151910.3	-4321.7
6908	9.4	150301.8	-4346.7	6998	10.2	151133.5	-4300.6	7088	9.8	151910.3	-4304.4
6909	9.9	150316.8	-4334.0	6999	9.6	151137.5	-4337.4	7089	9.8	151913.8	-4351.2
6910	10.2	150330.8	-4331.3	7000	10.2	151142.5	-4308.6	7090	10.1	151917.8	-4346.4
6911	9.8	150338.3	-4304.9	7001	9.4	151144.0	-4309.6	7091	9.8	151919.3	-4325.4
6912	9.4	150347.8	-4328.9	7002	9.7	151157.7	-4301.9	7092	9.8	151920.3	-4323.0
6913	9.7	150416.3	-4333.5	7003	8.5	151200.0	-4313.0	7093	9.6	151929.8	-4301.0
6914	10.2	150420.3	-4301.5	7004	8.6	151200.5	-4351.1	7094	10.2	151934.8	-4323.7
6915	10.1	150433.8	-4311.5	7005	9.6	151213.0	-4324.5	7095	10.0	151955.8	-4359.3
6916	10.1	150434.3	-4326.2	7006	8.9	151221.5	-4346.3	7096	10.2	152010.3	-4355.1
6917	9.7	150438.3	-4349.8	7007	9.8	151222.5	-4325.0	7097	9.6	152014.8	-4349.9
6918	9.8	150443.3	-4339.6	7008	9.8	151223.5	-4340.0	7098	10.1	152018.4	-4339.7
6919	10.2	150447.3	-4312.9	7009	9.0	151232.0	-4301.6	7099	9.6	152026.2	-4308.7
6920	9.8	150459.8	-4348.4	7010	9.9	151232.0	-4308.9	7100	9.7	152029.2	-4315.9
6921	10.2	150500.3	-4354.9	7011	9.8	151232.5	-4359.2	7101	7.8	152057.7	-4308.5
6922	9.2	150502.3	-4352.2	7012	9.4	151235.0	-4323.5	7102	8.3	152101.2	-4342.2
6923	7.6	150504.8	-4343.5	7013	10.2	151241.0	-4334.3	7103	10.1	152105.7	-4351.6
6924	9.8	150508.3	-4334.9	7014	9.9	151248.5	-4345.8	7104	10.0	152108.2	-4346.9
6925	9.8	150522.3	-4307.0	7015	10.0	151249.0	-4342.8	7105	9.9	152110.7	-4306.1
6926	7.4	150539.3	-4319.2	7016	10.0	151254.0	-4333.4	7106	10.2	152120.7	-4301.1
6927	9.9	150542.8	-4306.5	7017	9.2	151305.5	-4346.9	7107	9.8	152127.2	-4313.2
6928	10.2	150549.8	-4346.7	7018	9.8	151309.5	-4345.8	7108	9.8	152127.7	-4346.6
6929	10.2	150551.8	-4306.5	7019	9.6	151313.0	-4306.8	7109	10.1	152132.2	-4312.6
6930	9.8	150552.8	-4344.2	7020	9.2	151314.5	-4351.6	7110	10.2	152142.7	-4319.9
6931	9.8	150552.8	-4355.8	7021	9.6	151329.5	-4343.7	7111	9.8	152145.7	-4304.2
6932	9.2	150558.3	-4347.3	7022	9.0	151335.0	-4336.7	7112	9.8	152146.2	-4305.0
6933	10.2	150600.2	-4353.4	7023	10.2	151335.0	-4313.8	7113	9.7	152155.7	-4347.3
6934	9.9	150605.3	-4347.1	7024	10.2	151340.0	-4315.2	7114	9.6	152208.7	-4354.8
6935	9.6	150611.3	-4342.2	7025	10.2	151342.5	-4342.9	7115	10.2	152210.2	-4338.6
6936	8.8	150630.3	-4350.6	7026	9.2	151351.5	-4356.2	7116	9.2	152210.2	-4348.7
6937	9.2	150633.8	-4345.6	7027	10.2	151400.0	-4333.2	7117	9.2	152211.7	-4323.0
6938	9.0	150637.8	-4355.9	7028	10.2	151403.0	-4310.8	7118	9.8	152224.7	-4313.3
6939	8.8	150640.3	-4353.7	7029	9.4	151405.5	-4352.0	7119	8.0	152224.7	-4326.0
6940	8.2	150640.3	-4355.2	7030	7.3	151405.5	-4350.4	7120	10.2	152229.7	-4309.5
6941	9.7	150644.3	-4325.6	7031	9.7	151405.5	-4334.0	7121	10.1	152230.2	-4352.7
6942	10.2	150650.3	-4319.7	7032	10.2	151405.5	-4324.6	7122	9.4	152230.7	-4300.2
6943	9.2	150656.6	-4358.8	7033	9.8	151409.5	-4314.9	7123	10.1	152313.2	-4311.0
6944	7.2	150656.8	-4340.7	7034	9.8	151411.5	-4308.9	7124	9.7	152315.2	-4326.3
6945	9.2	150701.3	-4314.0	7035	9.8	151418.5	-4340.4	7125	9.4	152324.7	-4309.5
6946	10.1	150708.2	-4321.5	7036	9.6	151420.5	-4316.7	7126	9.8	152325.7	-4335.3

7127	8.7	152327.7	-4314.1	7217	9.8	153446.1	-4314.1	7307	9.8	154603.1	-4313.1
7128	8.4	152343.2	-4358.8	7218	9.8	153446.1	-4358.8	7308	9.8	154603.1	-4358.8
7129	9.2	152350.3	-4357.5	7219	9.8	153446.1	-4357.5	7309	9.8	154603.1	-4357.5
7130	9.4	152354.7	-4335.7	7220	9.8	153446.1	-4335.7	7310	9.8	154603.1	-4335.7
7131	10.0	152356.9	-4347.9	7221	9.8	153446.1	-4347.9	7311	9.8	154603.1	-4347.9
7132	9.8	152410.9	-4341.9	7222	9.8	153446.1	-4341.9	7312	9.8	154603.1	-4341.9
7133	10.1	152441.9	-4340.5	7223	9.8	153446.1	-4340.5	7313	9.8	154603.1	-4340.5
7134	9.8	152443.9	-4325.9	7224	9.8	153446.1	-4325.9	7314	9.8	154603.1	-4325.9
7135	9.6	152444.4	-4353.3	7225	9.8	153446.1	-4353.3	7315	9.8	154603.1	-4353.3
7136	9.8	152449.4	-4339.3	7226	9.8	153446.1	-4339.3	7316	9.8	154603.1	-4339.3
7137	10.1	152458.9	-4327.6	7227	9.8	153446.1	-4327.6	7317	9.8	154603.1	-4327.6
7138	9.8	152459.9	-4314.0	7228	9.8	153446.1	-4314.0	7318	9.8	154603.1	-4314.0
7139	8.3	152509.9	-4340.1	7229	9.8	153446.1	-4340.1	7319	9.8	154603.1	-4340.1
7140	9.4	152519.9	-4329.5	7230	9.8	153446.1	-4329.5	7320	9.8	154603.1	-4329.5
7141	9.6	152523.9	-4324.9	7231	9.8	153446.1	-4324.9	7321	9.8	154603.1	-4324.9
7142	9.8	152530.4	-4344.7	7232	9.8	153446.1	-4344.7	7322	9.8	154603.1	-4344.7
7143	8.8	152536.9	-4318.0	7233	9.8	153446.1	-4318.0	7323	9.8	154603.1	-4318.0
7144	9.6	152551.4	-4319.8	7234	9.8	153446.1	-4319.8	7324	9.8	154603.1	-4319.8
7145	9.6	152557.9	-4351.4	7235	9.8	153446.1	-4351.4	7325	9.8	154603.1	-4351.4
7146	10.2	152559.9	-4329.0	7236	9.8	153446.1	-4329.0	7326	9.8	154603.1	-4329.0
7147	8.0	152604.0	-4302.2	7237	9.8	153446.1	-4302.2	7327	9.8	154603.1	-4302.2
7148	9.8	152609.4	-4346.1	7238	9.8	153446.1	-4346.1	7328	9.8	154603.1	-4346.1
7149	8.6	152613.4	-4333.7	7239	9.8	153446.1	-4333.7	7329	9.8	154603.1	-4333.7
7150	8.2	152625.4	-4323.7	7240	9.8	153446.1	-4323.7	7330	9.8	154603.1	-4323.7
7151	9.9	152629.9	-4323.5	7241	9.8	153446.1	-4323.5	7331	9.8	154603.1	-4323.5
7152	10.2	152630.4	-4338.3	7242	9.8	153446.1	-4338.3	7332	9.8	154603.1	-4338.3
7153	7.9	152640.4	-4324.9	7243	9.8	153446.1	-4324.9	7333	9.8	154603.1	-4324.9
7154	10.0	152641.4	-4325.5	7244	9.8	153446.1	-4325.5	7334	9.8	154603.1	-4325.5
7155	9.7	152643.6	-4318.7	7245	9.8	153446.1	-4318.7	7335	9.8	154603.1	-4318.7
7156	10.2	152648.9	-4315.0	7246	9.8	153446.1	-4315.0	7336	9.8	154603.1	-4315.0
7157	10.2	152648.9	-4332.0	7247	9.8	153446.1	-4332.0	7337	9.8	154603.1	-4332.0
7158	9.4	152651.1	-4332.9	7248	9.8	153446.1	-4332.9	7338	9.8	154603.1	-4332.9
7159	9.4	152654.6	-4305.8	7249	9.8	153446.1	-4305.8	7339	9.8	154603.1	-4305.8
7160	9.7	152654.9	-4331.9	7250	9.8	153446.1	-4331.9	7340	9.8	154603.1	-4331.9
7161	10.1	152659.9	-4304.9	7251	9.8	153446.1	-4304.9	7341	9.8	154603.1	-4304.9
7162	9.8	152718.8	-4317.8	7252	9.8	153446.1	-4317.8	7342	9.8	154603.1	-4317.8
7163	10.1	152720.4	-4327.0	7253	9.8	153446.1	-4327.0	7343	9.8	154603.1	-4327.0
7164	9.8	152721.9	-4344.7	7254	9.8	153446.1	-4344.7	7344	9.8	154603.1	-4344.7
7165	9.8	152734.9	-4325.9	7255	9.8	153446.1	-4325.9	7345	9.8	154603.1	-4325.9
7166	9.4	152735.9	-4326.9	7256	9.8	153446.1	-4326.9	7346	9.8	154603.1	-4326.9
7167	7.2	152739.2	-4358.6	7257	9.8	153446.1	-4358.6	7347	9.8	154603.1	-4358.6
7168	9.8	152739.7	-4322.4	7258	9.8	153446.1	-4322.4	7348	9.8	154603.1	-4322.4
7169	7.9	152749.7	-4311.6	7259	9.8	153446.1	-4311.6	7349	9.8	154603.1	-4311.6
7170	7.0	152754.2	-4335.4	7260	9.8	153446.1	-4335.4	7350	9.8	154603.1	-4335.4
7171	10.2	152805.7	-4300.9	7261	9.8	153446.1	-4300.9	7351	9.8	154603.1	-4300.9
7172	9.9	152820.2	-4337.3	7262	9.8	153446.1	-4337.3	7352	9.8	154603.1	-4337.3
7173	9.0	152820.2	-4327.9	7263	9.8	153446.1	-4327.9	7353	9.8	154603.1	-4327.9
7174	7.4	152837.7	-4356.9	7264	9.8	153446.1	-4356.9	7354	9.8	154603.1	-4356.9
7175	9.6	152842.2	-4354.6	7265	9.8	153446.1	-4354.6	7355	9.8	154603.1	-4354.6
7176	10.2	152842.7	-4320.9	7266	9.8	153446.1	-4320.9	7356	9.8	154603.1	-4320.9
7177	10.2	152847.2	-4312.9	7267	9.8	153446.1	-4312.9	7357	9.8	154603.1	-4312.9
7178	10.2	152849.2	-4338.4	7268	9.8	153446.1	-4338.4	7358	9.8	154603.1	-4338.4
7179	9.6	152905.2	-4332.8	7269	9.8	153446.1	-4332.8	7359	9.8	154603.1	-4332.8
7180	9.4	152908.7	-4340.8	7270	9.8	153446.1	-4340.8	7360	9.8	154603.1	-4340.8
7181	9.4	152919.2	-4314.2	7271	9.8	153446.1	-4314.2	7361	9.8	154603.1	-4314.2
7182	10.1	152927.0	-4300.8	7272	9.8	153446.1	-4300.8	7362	9.8	154603.1	-4300.8
7183	10.1	152930.2	-4324.5	7273	9.8	153446.1	-4324.5	7363	9.8	154603.1	-4324.5
7184	10.2	152931.1	-4317.6	7274	9.8	153446.1	-4317.6	7364	9.8	154603.1	-4317.6
7185	9.8	152938.1	-4306.9	7275	9.8	153446.1	-4306.9	7365	9.8	154603.1	-4306.9
7186	10.2	152949.1	-4344.9	7276	9.8	153446.1	-4344.9	7366	9.8	154603.1	-4344.9
7187	9.4	153001.1	-4320.9	7277	9.8	153446.1	-4320.9	7367	9.8	154603.1	-4320.9
7188	9.8	153009.6	-4347.0	7278	9.8	153446.1	-4347.0	7368	9.8	154603.1	-4347.0
7189	9.0	153017.1	-4306.1	7279	9.8	153446.1	-4306.1	7369	9.8	154603.1	-4306.1
7190	9.9	153017.1	-4301.0	7280	9.8	153446.1	-4301.0	7370	9.8	154603.1	-4301.0
7191	9.2	153020.1	-4326.8	7281	9.8	153446.1	-4326.8	7371	9.8	154603.1	-4326.8
7192	9.8	153029.1	-4323.4	7282	9.8	153446.1	-4323.4	7372	9.8	154603.1	-4323.4
7193	9.2	153029.1	-4327.0	7283	9.8	153446.1	-4327.0	7373	9.8	154603.1	-4327.0
7194	8.8	153051.6	-4305.1	7284	9.8	153446.1	-4305.1	7374	9.8	154603.1	-4305.1
7195	10.0	153052.1	-4309.0	7285	9.8	153446.1	-4309.0	7375	9.8	154603.1	-4309.0
7196	10.0	153055.1	-4304.7	7286	9.8	153446.1	-4304.7	7376	9.8	154603.1	-4304.7
7197	10.2	153055.6	-4346.6	7287	9.8	153446.1	-4346.6	7377	9.8	154603.1	-4346.6
7198	9.8	153115.1	-4352.2	7288	9.8	153446.1	-4352.2	7378	9.8	154603.1	-4352.2
7199	7.2	153120.1	-4312.5	7289	9.8	153446.1	-4312.5	7379	9.8	154603.1	-4312.5
7200	10.2	153127.4	-4359.8	7290	9.8	153446.1	-4359.8	7380	9.8	154603.1	-4359.8
7201	10.2	153131.6	-4340.1	7291	9.8	153446.1	-4340.1	7381	9.8	154603.1	-4340.1
7202	9.9	153131.8	-4300.2	7292	9.8	153446.1	-4300.2	7382	9.8	154603.1	-4300.2
7203	9.8	153132.1	-4326.3	7293	9.8	153446.1	-4326.3	7383	9.8	154603.1	-4326.3
7204	10.2	153138.1	-4305.3	7294	9.8	153446.1	-4305.3	7384	9.8	154603.1	-4305.3
7205	8.4	153148.6	-4305.9	7295	9.8	153446.1	-4305.9	7385	9.8	154603.1	-4305.9
7206	7.7	153149.1	-4350.2	7296	9.8	153446.1	-4350.2	7386	9.8	154603.1	-4350.2
7207	7.2	153150.1	-4352.8	7297	9.8	153446.1	-4352.8	7387	9.8	154603.1	-4352.8
7208	9.8	153200.6	-4315.9	7298	9.8	153446.1	-4315.9	7388	9.8	154603.1	-4315.9
7209	10.0	153202.6	-4308.6	7299	9.8	153446.1	-4308.6	7389	9.8	154603.1	-4308.6
7210	9.8	153222.1	-4346.4	7300	9.8	153446.1	-4346.4	7390	9.8	154603.1	-4346.4
7211	9.2	153245.6	-4354.1	7301	9.8	153446.1	-4354.1	7391	9.8	154603.1	-4354.1
7212	10.2	153250.1	-4335.6	7302	9.8	153446.1	-4335.6	7392	9.8	154603.1	-4335.6
7213	9.2	153300.1	-4306.7	7303	9.8	153446.1	-4306.7	7393	9.8	154603.1	-4306.7
7214	10.1	153307.1	-4307.9	7304	9.8	153446.1	-4307.9	7394	9.8	154603.1	-4307.9
7215	10.2	153310.1	-4336.3	7305	9.8	153446.1	-4336.3	7395	9.8	154603.1	-4336.3
7216	9.2	153317.6	-4321.9	7306	9.8	153446.1	-4321.9	7396	9.8	154603.1	-4321.9

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7217	10.2	153321.1	-4322.7
7218	9.8	153321.1	-4311.0
7219	8.7	153330.1	-4330.5
7220	10.0	153345.6	-4355.6
7221	10.0	153346.1	-4341.9
7222	10.1	153355.6	-4336.6
7223	10.2	153356.4	-4314.9
7224	10.2	153410.4	-4333.4
7225	9.9	153415.9	-4326.1
7226	9.2	153415.9	-4308.8
7227	8.0	153416.4	-4350.1
7228	9.6	153421.4	-4351.1
7229	9.2	153421.9	-4305.1
7230	9.9	153424.9	-4303.6
7231	10.1	153425.4	-4344.4
7232	9.9	153437.9	-4316.9
7233	10.2	153439.9	-4350.9
7234	10.2	153451.9	-4305.0
7235	9.6	153513.9	-4345.6
7236	9.9	153522.4	-4335.5
7237	10.0	153524.9	-4346.2
7238	9.8	153530.9	-4320.4
7239	7.9	153535.9	-4342.8
7240	9.6	153537.9	-4342.0
7241	8.4	153540.4	-4313.7
7242	9.9	153540.9	-4300.1
7243	9.0	153550.9	-4312.4
7244	9.2	153555.9	-4332.8
7245	10.2	153557.9	-4341.0
7246	9.8	153557.9	-4321.3
7247	8.4	153600.9	-4338.9
7248	9.9	153602.4	-4335.8
7249	10.2	153609.9	-4316.2
7250	9.8	153618.9	-4345.3
7251	9.8	153618.9	-4333.8
7252	10.1	153621.9	-4304.9
7253	9.8	153636.9	-4355.7
7254	10.2	153637.9	-4343.3
7255	10.1	153642.4	-4355.7
7256	10.0	153648.9	-4351.8
7257	10.2	153649.9	-4355.0
7258	10.1	153651.9	-4331.7
7259	9.9	153656.4	-4333.7
7260	10.0	153659.4	-4334.4
7261	10.0	153703.4	-4332.6
7262	7.8	153711.2	-4323.7
7263	10.1	153713.7	-4348.8
7264	10.2	153715.6	-4358.0
7265	9.8	153719.7	-4352.3
7266	10.0	153720.7	-4312.9
7267	10.0	153727.7	-4338.9
7268	10.0	153727.7	-4309.2
7269	9.4	153732.2	-4316.1
7270	9.6	153738.7	-4318.9
7271	9.8	153740.4	-4358.5
7272	9.8	153741.7	-4342.3
7273	8.2	153742.7	-4341.1
7274	9.6	153753.2	-4356.9
7275	9.4	153757.7	-4303.1
7276	10.2	153759.2	-4306.8
7277	9.9	153810.7	-4331.8
7278	8.0	153819.2	-4351.1
7279	9.6	153834.7	-4306.3
7280	9.8	153840.2	-4351.1
7281	10.2	153841.2	-4346.6
7282	9.8	153850.2	-4331.4
7283	10.2	153859.7	-4326.0
7284	9.9	153903.7	-4334.6
7285	9.4	153913.2	-4331.7
7286	10.2	153919.7	-4327.9
7287	9.2	153919.7	-4324.9
7288	9.6	153920.7	-4358.0
7289	9.8	153925.2	-4304.5
7290	9.4	153938.7	-4310.2
7291	10.0	153940.7	-4357.3
7292	7.5	153940.7	-4357.8
7293	7.7	153944.7	-4304.2
7294	9.9	153947.7	-4328.6
7295	9.2	153949.7	-4304.8
7296	8.4	153949.7	-4310.4
7297	9.4	153954.7	-4336.8
7298	10.1	154000.2	-4327.4
7299	9.9	154000.2	-4305.2
7300	9.4	154005.7	-4313.3
7301	9.0	154015.7	-4342.3
7302	9.5	154023.2	-4358.9
7303	9.0	154029.4	-4330.8
7304	9.4	154029.4	-4341.6
7305	10.2	154030.4	-4337.0
7306	9.9	154034.4	-4359.7
7307	9.9	154059.4	-4325.7
7308	10.2	154059.9	-4306.9
7309	10.0	154104.4	-4340.9
7310	10.0	154107.4	-4341.9
7311	9.8	154108.4	-4357.2
7312	9.8	154113.9	-4333.5
7313	10.2	154117.9	-4315.1
7314	10.2	154120.4	-4315.6
7315	10.1	154129.9	-4333.2
7316	9.8	154136.9	-4314.8
7317	9.6	154149.4	-4343.0
7318	10.2	154151.4	-4310.4
7319	9.3	154153.9	-4337.0
7320	9.0	154158.4	-4330.5
7321	9.5	154158.9	-4357.8
7322	10.2	154203.9	-4308.0
7323	9.5	154213.4	-4331.0
7324	10.1	154216.9	-4359.8
7325	9.9	154228.4	-4320.6
7326	9.3	154232.4	-4353.9
7327	10.2	154244.4	-4338.4
7328	9.5	154248.9	-4343.8
7329	9.6	154249.4	-4324.3
7330	9.9	154249.9	-4344.6
7331	10.2	154256.9	-4308.3
7332	10.2	154300.4	-4330.5
7333	10.2	154300.4	-4314.1
7334	10.2	154309.4	-4308.3
7335	9.6	154318.4	-4309.2
7336	9.4	154318.9	-4327.4
7337	10.2	154324.9	-4341.2
7338	10.0	154325.4	-4331.7
7339	10.2	154325.4	-4345.4
7340	9.4	154330.9	-4319.7
7341	9.5	154333.1	-4323.9
7342	10.0	154345.6	-4331.4
7343	8.8	154347.1	-4315.9
7344	10.2	154349.1	-4304.6
7345	9.8	154351.1	-4345.4
7346	8.2	154354.6	-4329.4
7347	10.0	154359.1	-4317.8
7348	10.0	154401.3	-4357.4
7349	10.2	154409.1	-4300.4
7350	8.9	154411.1	-4347.2
7351	10.1	154416.1	-4300.5
7352	10.0	154422.1	-4356.5
7353	9.8	154426.1	-4352.4
7354	10.0	154439.5	-4359.3
7355	9.2	154439.6	-4341.1
7356	10.2	154442.1	-4302.9
7357	9.4	154447.1	-4332.7
7358	10.2	154447.6	-4316.0
7359	10.2	154449.1	-4355.5
7360	9.8	154459.1	-4318.3
7361	8.4	154502.6	-4354.2
7362	10.1	154506.6	-4320.5
7363	9.2	154510.6	-4356.7
7364	10.1	154514.1	-4341.8
7365	9.6	154528.1	-4329.1
7366	9.6	154531.6	-4300.0
7367	9.6	154531.8	-4356.8
7368	8.8	154532.1	-4327.9
7369	9.9	154558.6	-4304.9
7370	10.1	154559.1	-4347.7
7371	9.6	154607.6	-4337.8
7372	9.6	154627.1	-4317.9
7373	9.6	154629.1	-4308.4
7374	7.0	154643.4	-4301.3
7375	7.6	154647.1	-4336.1
7376	10.2	154700.6	-4356.4
7377	8.2	154708.6	-4309.5
7378	10.2	154708.8	-4358.8
7379	10.1	154716.1	-4316.2
7380	8.8	154735.6	-4350.8
7381	8.9	154736.1	-4320.1
7382	9.9	154744.1	-4305.3
7383	9.8	154745.1	-4303.1
7384	9.3	154753.6	-4309.6
7385	9.2	154758.6	-4333.6
7386	10.2	154800.6	-4346.9
7387	9.0	154801.6	-4333.4
7388	9.4	154804.6	-4306.7
7389	9.4	154816.4	-4357.2
7390	9.6	154821.1	-4349.3
7391	10.1	154835.1	-4324.9
7392	9.5	154843.1	-4339.4
7393	9.2	154844.1	-4352.1
7394	9.5	154844.6	-4347.8
7395	9.9	154856.1	-4352.1
7396	9.9	154900.6	-4304.0
7397	10.2	154911.1	-4328.9
7398	9.2	154911.6	-4321.3
7399	9.0	154918.6	-4335.9
7400	7.2	154943.1	-4342.9
7401	10.2	154943.6	-4322.0
7402	10.2	154957.6	-4347.1
7403	9.9	155010.6	-4326.3
7404	10.2	155010.8	-4341.0
7405	10.2	155012.1	-4336.1
7406	10.2	155031.6	-4347.5
7407	9.5	155040.1	-4356.1
7408	10.2	155044.6	-4340.9
7409	8.9	155051.1	-4312.7
7410	10.2	155052.6	-4339.2
7411	10.2	155106.1	-4311.8
7412	10.1	155109.1	-4328.9
7413	8.1	155140.6	-4327.8
7414	9.8	155217.1	-4327.9
7415	9.0	155257.1	-4348.0
7416	10.2	155301.6	-4324.5
7417	9.6	155318.1	-4333.1
7418	10.2	155322.6	-4300.5
7419	9.9	155332.3	-4303.2
7420	10.2	155339.3	-4328.0
7421	10.2	155339.3	-4339.3
7422	9.6	155355.8	-4310.1
7423	9.8	155400.3	-4354.2
7424	10.0	155407.3	-4336.3
7425	10.2	155409.8	-4331.6
7426	7.4	155416.8	-4305.4
7427	10.1	155417.8	-4336.2
7428	9.9	155419.8	-4309.8
7429	10.1	155427.8	-4305.6
7430	10.1	155457.8	-4303.0
7431	9.0	155502.8	-4334.7
7432	9.6	155508.8	-4359.9
7433	10.2	155513.3	-4311.8
7434	8.8	155518.5	-4303.5
7435	10.2	155526.3	-4316.6
7436	10.2	155526.3	-4321.2
7437	10.1	155531.8	-4353.9
7438	10.2	155532.8	-4314.3
7439	10.2	155534.8	-4311.7
7440	9.5	155627.8	-4318.9
7441	9.8	155632.3	-4322.9
7442	9.7	155633.0	-4356.7
7443	9.7	155715.3	-4326.0
7444	9.8	155727.8	-4318.0
7445	10.0	155732.8	-4311.2
7446	10.0	155806.3	-4342.7
7447	10.0	155826.3	-4355.9
7448	9.0	155831.8	-4356.3
7449	9.8	155848.3	-4303.0
7450	10.0	155855.8	-4311.7
7451	9.6	155909.8	-4343.2
7452	7.8	155919.8	-4329.3
7453	9.6	155928.8	-4323.3
7454	9.0	155937.8	-4315.2
7455	9.8	155941.3	-4315.8
7456	10.0	155945.3	-4314.3
7457	9.2	155947.3	-4326.5
7458	9.0	155949.8	-4357.3
7459	9.4	160042.3	-4306.0
7460	9.0	160049.8	-4319.1
7461	10.0	160106.8	-4351.9
7462	9.8	160109.7	-4301.6
7463	8.8	160136.0	-4319.4
7464	9.4	160227.5	-4303.2
7465	9.2	160231.5	-4311.4
7466	9.7	160246.0	-4341.4
7467	9.5	160246.0	-4342.1
7468	10.0	160259.0	-4307.2
7469	9.5	160304.0	-4323.2
7470	9.5	160314.0	-4338.0
7471	9.8	160317.5	-4322.2
7472	10.0	160328.5	-4337.4
7473	9.6	160331.5	-4332.8
7474	9.8	160336.0	-4354.2
7475	10.0	160337.5	-4301.6
7476	8.4	160341.0	-4319.2
7477	9.7	160420.0	-4324.8
7478	8.0	160428.5	-4344.9
7479	10.0	160440.0	-4302.5
7480	10.0	160500.0	-4306.8
7481	10.0	160550.0	-4319.2
7482	9.3	160615.5	-4318.6
7483	10.0	160620.0	-4309.1
7484	10.0	160622.5	-4358.1
7485	10.0	160635.5	-4312.0
7486	9.8	160637.5	-4324.2
7487	10.0	160650.5	-4327.3
7488	8.8	160652.5	-4301.3
7489	9.6	160711.5	-4305.0
7490	9.4	160736.5	-4328.5
7491	9.8	160750.0	-4321.5
7492	9.3	160817.5	-4316.2
7493	9.8	160825.0	-4338.2
7494	9.7	160850.0	-4331.9
7495	9.6	160911.0	-4327.1
7496	9.0	160919.0	-4333.7
7497	9.2	160937.0	-4341.5
7498	9.6	161000.0	-4318.3
7499	8.8	161046.9	-4301.8
7500	9.8	161047.5	-4306.0
7501	9.4	161049.0	-4306.0
7502	10.0	161055.5	-4331.5
7503	9.4	161056.0	-4325.0
7504	9.8	161058.0	-4345.2
7505	9.5	161100.0	-4306.5
7506	10.0	161110.0	-4349.3
7507	8.4	161127.0	-4303.7
7508	9.2	161134.5	-4325.2
7509	9.2	161139.0	-4351.1
7510	9.3	161145.0	-4332.3
7511	10.0	161200.0	-4324.4
7512	9.7	161209.0	-4347.7
7513	10.0	161231.2	-4341.1
7514	9.2	161248.0	-4316.1
7515	9.7	161248.0	-4351.9
7516	9.2	161255.0	-4325.0
7517	9.8	161257.0	-4343.1
7518	9.8	161327.0	-4326.5
7519	9.7	161340.0	-4337.3
7520	7.3	161340.0	-4336.7
7521	10.0	161340.0	-4327.9
7522	9.7	161349.0	-4317.2
7523	10.0	161406.5	-4350.1
7524	9.8	161409.5	-4308.9
7525	10.0	161420.0	-4318.3
7526	10.0	161422.0	-4325.3
7527	9.4	161430.0	-4352.2
7528	9.5	161443.0	-4349.1
7529	9.4	161452.5	-4340.1
7530	10.0	161518.5	-4301.9
7531	10.0	161521.0	-4325.0
7532	9.8	161527.5	-4343.1
7533	9.4	161529.0	-4346.4
7534	8.4	161530.0	-4326.0
7535	9.8	161538.5	-4350.9
7536	9.8	161541.0	-4321.4
7537	9.5	161600.0	-4352.7
7538	9.3	161603.8	-4358.0
7539	9.8	161610.0	-4357.2
7540	9.6	161612.5	-4341.0
7541	9.6	161612.5	-4307.1
7542	10.0	161615.0	-4342.6
7543	9.6	161621.5	-4347.0
7544	8.2	161628.4	-4301.0
7545	9.2	161629.0	-4357.1
7546	9.7	161644.5	-4341.3
7547	10.0	161653.5	-4330.8
7548	9.4	161658.0	-4347.2
7549	9.4	161713.0	-4303.2
7550	9.7	161720.0	-4304.6
7551	9.5	161735.0	-4342.0
7552	9.8	161742.0	-4323.6
7553	10.0	161755.5	-4347.2
7554	10.0	161758.0	-4303.8
7555	10.0	161802.0	-4323.1
7556	8.1	161804.0	-4337.7
7557	7.7	161808.0	-4330.6
7558	8.6	161820.0	-4306.1
7559	9.8	161820.0	-4348.9
7560	9.4	161826.0	-4311.1
7561	9.0	161830.0	-4328.9
7562	9.5	161838.0	-4332.7
7563	9.5	161840.0	-4343.1
7564	9.8	161858.0	-4358.5
7565	10.0	161859.0	-4309.3
7566	9.8	161859.0	-4340.1
7567	7.9	161900.0	-4344.8
7568	9.8	161902.5	-4343.2
7569	10.0	161909.0	-4353.2
7570	10.0	161909.5	-4338.7
7571	10.0	161914.0	-4338.0
7572	10.0	161920.0	-4346.9
7573	10.0	161939.0	-4350.0
7574	9.8	161940.0	-4352.4
7575	9.8	161943.0	-4355.4
7576	9.5	161945.0	-4323.7

-43 7577 16h19m

-43 7936 17h06m

7577	9.0	161957.0	-4326.8	7667	9.6	163445.4	-4359.5	7757	9.2	164936.0	-4358.2	7847	10.0	165726.9	-4303.4
7578	8.1	162008.0	-4310.5	7668	9.6	163500.2	-4338.9	7758	9.2	164937.2	-4355.3	7848	9.8	165727.4	-4349.8
7579	10.0	162020.5	-4349.6	7669	9.6	163508.7	-4332.9	7759	9.5	164947.2	-4322.8	7849	10.0	165729.9	-4346.0
7580	9.4	162101.0	-4347.2	7670	9.3	163514.7	-4308.7	7760	8.8	165001.7	-4348.8	7850	9.3	165732.1	-4359.0
7581	10.0	162108.0	-4359.2	7671	9.3	163516.2	-4337.2	7761	9.6	165018.0	-4312.9	7851	9.8	165735.4	-4332.6
7582	10.0	162112.0	-4348.0	7672	8.3	163520.7	-4331.7	7762	9.5	165027.2	-4359.3	7852	10.0	165741.6	-4359.0
7583	10.0	162126.0	-4312.5	7673	9.6	163526.7	-4351.2	7763	9.6	165028.7	-4307.0	7853	9.1	165741.9	-4339.8
7584	10.0	162130.0	-4319.0	7674	9.2	163527.7	-4317.9	7764	9.4	165032.6	-4353.4	7854	9.9	165741.9	-4351.0
7585	9.0	162132.0	-4350.2	7675	9.6	163535.7	-4314.7	7765	9.6	165046.4	-4353.5	7855	9.0	165747.4	-4308.5
7586	10.0	162138.5	-4328.5	7676	9.3	163540.7	-4342.1	7766	9.5	165052.1	-4355.8	7856	9.3	165750.9	-4313.8
7587	10.0	162159.5	-4300.8	7677	9.0	163549.7	-4338.0	7767	9.5	165052.5	-4339.7	7857	9.9	165800.9	-4309.3
7588	9.4	162202.0	-4317.0	7678	9.6	163600.2	-4335.7	7768	8.8	165053.0	-4347.6	7858	8.9	165806.4	-4331.9
7589	9.7	162204.5	-4337.7	7679	8.9	163614.7	-4355.3	7769	7.8	165102.0	-4301.7	7859	9.4	165810.9	-4330.1
7590	10.0	162207.0	-4342.7	7680	9.2	163620.7	-4318.9	7770	10.0	165102.5	-4312.9	7860	10.0	165816.9	-4317.4
7591	10.0	162212.5	-4337.3	7681	9.5	163629.7	-4316.9	7771	10.0	165105.0	-4353.2	7861	9.9	165817.4	-4341.3
7592	9.3	162220.0	-4309.5	7682	8.9	163640.7	-4326.3	7772	10.0	165115.5	-4353.9	7862	10.0	165823.1	-4301.9
7593	9.5	162233.6	-4300.1	7683	8.8	163657.2	-4324.5	7773	9.8	165119.5	-4337.9	7863	8.9	165825.9	-4339.7
7594	9.5	162249.2	-4317.2	7684	9.2	163714.7	-4346.1	7774	10.0	165131.5	-4354.1	7864	9.6	165827.7	-4302.0
7595	10.0	162250.0	-4316.2	7685	9.3	163719.7	-4332.9	7775	10.0	165149.5	-4357.3	7865	10.0	165829.9	-4337.5
7596	9.0	162250.0	-4325.6	7686	9.6	163750.7	-4328.7	7776	9.9	165156.0	-4337.0	7866	9.9	165832.9	-4323.0
7597	9.8	162254.0	-4328.7	7687	9.6	163759.7	-4306.1	7777	10.0	165158.0	-4304.0	7867	10.0	165834.9	-4320.7
7598	9.4	162257.0	-4346.9	7688	9.2	163810.7	-4344.7	7778	9.6	165159.7	-4300.7	7868	9.6	165845.4	-4306.0
7599	10.0	162257.5	-4320.1	7689	9.0	163813.7	-4312.3	7779	10.0	165204.5	-4346.3	7869	10.0	165849.9	-4354.2
7600	10.0	162301.0	-4339.5	7690	9.6	163824.9	-4301.6	7780	9.0	165221.0	-4327.0	7870	10.0	165849.9	-4331.4
7601	10.0	162302.0	-4353.0	7691	9.6	163827.7	-4310.3	7781	9.6	165223.5	-4351.0	7871	9.9	165850.9	-4339.3
7602	10.0	162306.0	-4348.5	7692	9.6	163835.7	-4326.1	7782	10.0	165238.5	-4350.0	7872	9.6	165851.4	-4303.0
7603	9.7	162308.0	-4324.1	7693	8.0	163851.7	-4342.6	7783	10.0	165241.5	-4352.5	7873	9.8	165853.9	-4346.3
7604	9.8	162308.0	-4332.2	7694	9.6	163904.7	-4356.0	7784	10.0	165249.0	-4343.7	7874	9.8	165900.9	-4345.6
7605	9.8	162318.5	-4334.1	7695	9.3	163911.7	-4332.9	7785	9.9	165250.0	-4347.0	7875	10.0	165914.9	-4313.2
7606	10.0	162322.0	-4334.3	7696	9.6	163916.2	-4337.9	7786	9.2	165252.0	-4312.6	7876	8.4	165916.4	-4311.2
7607	8.8	162324.9	-4332.9	7697	9.6	163916.2	-4323.7	7787	10.0	165254.0	-4359.7	7877	9.8	165931.4	-4308.6
7608	9.8	162332.0	-4338.5	7698	9.6	163941.7	-4310.1	7788	9.3	165255.5	-4311.9	7878	10.0	165936.4	-4304.2
7609	9.8	162335.0	-4303.1	7699	9.6	163958.7	-4313.5	7789	10.0	165300.8	-4324.3	7879	10.0	165941.4	-4333.4
7610	10.0	162335.5	-4307.0	7700	9.6	164017.7	-4341.9	7790	9.6	165302.5	-4316.2	7880	9.5	165942.9	-4326.8
7611	10.0	162338.5	-4315.8	7701	9.6	164020.2	-4312.8	7791	9.1	165304.5	-4322.5	7881	9.8	165950.9	-4309.9
7612	7.6	162345.0	-4327.7	7702	9.6	164022.2	-4322.7	7792	9.9	165316.0	-4339.1	7882	9.6	165952.9	-4319.0
7613	9.8	162346.0	-4309.1	7703	9.6	164026.2	-4311.9	7793	10.0	165322.5	-4344.2	7883	10.0	165956.9	-4309.4
7614	10.0	162346.0	-4338.2	7704	9.6	164029.7	-4359.2	7794	9.6	165323.0	-4337.5	7884	10.0	170001.9	-4338.4
7615	9.4	162346.6	-4326.7	7705	9.6	164032.7	-4344.7	7795	10.0	165330.0	-4347.9	7885	8.2	170004.4	-4311.2
7616	9.4	162359.3	-4336.5	7706	7.6	164034.7	-4343.1	7796	9.9	165331.0	-4318.2	7886	9.4	170014.9	-4305.2
7617	9.4	162410.8	-4313.5	7707	9.3	164039.7	-4317.3	7797	9.6	165333.0	-4349.5	7887	9.9	170019.4	-4321.5
7618	9.6	162412.8	-4330.9	7708	9.0	164046.2	-4349.1	7798	9.0	165336.0	-4345.0	7888	10.0	170020.9	-4340.5
7619	9.5	162430.3	-4314.9	7709	9.4	164049.7	-4330.7	7799	10.0	165338.2	-4358.9	7889	10.0	170035.4	-4336.2
7620	9.5	162436.3	-4344.0	7710	9.4	164100.2	-4307.1	7800	10.0	165342.0	-4346.0	7890	9.6	170040.9	-4306.7
7621	9.6	162451.3	-4317.9	7711	9.6	164109.7	-4324.7	7801	9.3	165359.0	-4304.8	7891	10.0	170044.4	-4320.8
7622	6.0	162512.3	-4346.7	7712	9.5	164111.2	-4348.9	7802	10.0	165401.5	-4351.8	7892	9.8	170050.4	-4333.4
7623	9.4	162551.8	-4312.0	7713	9.0	164128.2	-4348.0	7803	9.4	165402.0	-4339.6	7893	9.1	170056.4	-4306.0
7624	9.6	162610.1	-4300.3	7714	8.9	164139.2	-4305.1	7804	10.0	165402.0	-4319.7	7894	10.0	170100.9	-4347.3
7625	8.6	162611.3	-4335.5	7715	9.6	164153.2	-4333.3	7805	9.1	165403.5	-4338.5	7895	10.0	170114.4	-4330.4
7626	8.0	162628.8	-4323.2	7716	9.0	164153.2	-4349.1	7806	9.2	165404.0	-4319.1	7896	8.4	170137.4	-4321.5
7627	9.3	162634.5	-4324.9	7717	9.6	164155.2	-4304.1	7807	9.6	165405.0	-4323.9	7897	9.6	170157.4	-4331.6
7628	9.6	162654.5	-4302.9	7718	9.6	164157.7	-4349.5	7808	10.0	165407.0	-4338.9	7898	10.0	170207.4	-4345.8
7629	9.6	162723.0	-4318.7	7719	8.2	164203.2	-4329.1	7809	9.9	165407.0	-4305.8	7899	8.2	170207.4	-4319.7
7630	9.6	162731.5	-4323.9	7720	8.8	164211.7	-4322.7	7810	9.8	165410.5	-4311.9	7900	10.0	170209.0	-4313.9
7631	8.9	162733.0	-4328.9	7721	9.0	164218.7	-4324.7	7811	10.0	165420.0	-4339.3	7901	8.7	170212.4	-4356.3
7632	9.4	162805.0	-4347.9	7722	9.4	164237.2	-4345.3	7812	10.0	165421.0	-4359.5	7902	10.0	170219.4	-4355.1
7633	9.6	162829.0	-4348.7	7723	8.8	164249.7	-4311.2	7813	10.0	165426.5	-4350.0	7903	10.0	170220.9	-4322.9
7634	9.6	162859.5	-4326.9	7724	9.6	164253.7	-4300.0	7814	9.8	165429.0	-4310.3	7904	10.0	170230.4	-4339.1
7635	6.6	162936.5	-4308.6	7725	8.4	164319.7	-4319.6	7815	9.6	165431.0	-4305.8	7905	10.0	170230.9	-4355.3
7636	8.8	162958.0	-4311.1	7726	9.4	164324.7	-4308.5	7816	9.5	165443.4	-4359.6	7906	10.0	170239.9	-4303.0
7637	7.2	162959.5	-4354.2	7727	9.5	164337.7	-4340.4	7817	9.8	165445.0	-4328.9	7907	10.0	170245.1	-4357.2
7638	9.5	163004.0	-4350.0	7728	9.6	164349.7	-4335.5	7818	7.8	165455.7	-4358.1	7908	10.0	170250.9	-4304.6
7639	9.3	163005.0	-4305.7	7729	9.4	164354.7	-4300.2	7819	9.6	165512.5	-4347.1	7909	10.0	170301.9	-4358.1
7640	9.3	163010.5	-4355.9	7730	9.4	164415.2	-4347.5	7820	9.2	165513.5	-4323.4	7910	9.8	170310.9	-4313.8
7641	9.4	163029.2	-4302.9	7731	8.8	164419.2	-4332.1	7821	9.2	165517.0	-4351.9	7911	10.0	170311.1	-4334.0
7642	8.9	163039.5	-4337.1	7732	9.6	164510.2	-4333.3	7822	10.0	165518.0	-4345.3	7912	5.0	170312.4	-4304.3
7643	9.0	163119.5	-4337.9	7733	9.3	164534.7	-4301.7	7823	9.6	165523.5	-4307.2	7913	10.0	170315.9	-4356.8
7644	9.3	163122.0	-4333.1	7734	9.2	164537.2	-4339.4	7824	10.0	165531.0	-4353.7	7914	10.0	170320.1	-4333.9
7645	9.0	163150.5	-4318.0	7735	9.6	164539.7	-4325.5	7825	9.6	165532.0	-4351.0	7915	8.6	170320.9	-4319.9
7646	9.0	163153.0	-4354.9	7736	9.5	164543.7	-4347.2	7826	9.8	165533.0	-4336.8	7916	9.0	170336.4	-4315.9
7647	9.6	163203.0	-4310.1	7737	7.6	164547.7	-4321.0	7827	7.4	165533.5	-4307.5	7917	9.3	170338.9	-4357.8
7648	8.9	163206.5	-4354.9	7738	9.6	164600.7	-4344.0	7828	9.8	165535.0	-4351.7	7918	9.2	170345.9	-4336.0
7649	9.2	163211.5	-4309.2	7739	7.3	164641.7	-4306.6	7829	9.6	165539.0	-4326.7	7919	10.0	170352.9	-4327.2
7650	9.2	163215.5	-4336.9	7740	9.6	164704.3	-4300.6	7830	10.0	165542.5	-4329.3	7920	9.6	170400.9	-4357.7
7651	9.6	163227.5	-4314.0	7741	9.5	164706.2	-4343.8	7831	10.0	165553.0	-4301.9	7921	9.8	170400.9	-4330.0
7652	9.6	163230.5	-4316.9	7742	9.3	164730.7	-4330.2	7832	10.0	165556.0	-4325.4	7922	10.0	170417.9	-4356.8
7653	9.4	163249.5	-4339.1	7743	9.3	164739.7	-4328.7	7833	9.9	165601.0	-4342.8	7923	9.2	170422.9	-4316.9
7654	9.6	163300.0	-4347.7	7744	9.4	164741.2	-4336.7	7834	9.3	165602.0	-4321.3	7924	9.6	170423.1	-4351.2
7655	9.5	163309.5	-4309.6	7745	8.4	164741.7	-4344.6	7835	9.5	165606.5	-4329.4	7925	10.0	170425.4	-4333.1
7656	9.6	163311.5	-4333.5	7746	9.5	164758.7	-4338.9	7836	9.8	165610.0	-4325.9	7926	9.2	170431.4	-4340.5
7657	9.5	163330.2	-4354.2	7747	9.3	164804.8	-4301.8	7837	9.6	165613.5	-4317.9	7927	9.4	170438.4	-4340.4
7658	9.0	163334.7	-4352.0	7748	9.6	164815.2	-4334.4	7838	9.9	165622.9	-4308.3	7928	10.0	170451.9	-4353.0
7659	8.0	163336.7	-4330.2	7749	8.8	164819.2	-4331.1	7839	9.9	165636.4	-4307.6	7929	10.0	170502.4	-4302.3
7660	9.5	163347.2	-4329.7	7750	9.3	164839.7	-4333.6	7840	9.6	165639.4	-4324.6	7930	8.5	170525.9	-4329.0
7661	9.6	163410.2	-4327.9	7751	9.0	164850.7	-4335.5	7841	7.3	165648.4	-4355.8	7931	9.5	170527.4	-4323.7
7662	7.8	163419.2	-4324.6	7752	9.6	164858.2	-4315.7	7842	9.9	165706.9	-4320.8	7932	9.3	170528.4	-4320.0
7663	9.6	163419.7	-4315.1	7753	9.2	164909.7	-4348.3	7843	10.0	165709.9	-4315.9	7933	9.9	170534.1	-4302.1
7664	9.6	163423.7	-4334.3	7754	9.5	164919.2	-4356.9	7844	10.0	165714.4	-4322.1	7934	10.0	170540.9	-4314.0
7665	9.6	163424.2	-4330.6	7755	9.2	164921.7	-4347.9	7845	9.9	165723.4	-4301.5	7935	10.0	170541.9	-4336.3
7666	9.0	163430.2	-4313.6	7756	8.8	164932.7	-4340.3	7846	10.0	165725.9	-4326.9	7936	9.6	170610.9	-4359.3

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7937	10.0	170612.4	-4341.9	8027	10.0	171511.3	-4350.2	8117	9.8	172230.8	-4342.9	8207	9.2	173205.8	-4333.0
7938	9.9	170618.9	-4337.8	8028	7.9	171515.3	-4352.3	8118	9.0	172234.8	-4331.9	8208	9.8	173221.8	-4315.0
7939	10.0	170636.4	-4359.9	8029	10.0	171516.3	-4301.2	8119	9.6	172239.8	-4310.0	8209	9.8	173222.8	-4354.8
7940	9.4	170638.9	-4307.5	8030	9.6	171525.3	-4302.1	8120	9.8	172242.3	-4308.8	8210	9.8	173242.3	-4305.8
7941	10.0	170650.4	-4306.8	8031	9.6	171532.3	-4335.9	8121	9.8	172252.3	-4352.0	8211	9.3	173252.7	-4357.2
7942	9.3	170654.9	-4348.5	8032	9.6	171552.3	-4322.2	8122	9.3	172300.3	-4353.0	8212	9.4	173257.3	-4326.0
7943	9.2	170701.4	-4318.0	8033	9.4	171600.3	-4354.6	8123	9.5	172316.6	-4358.0	8213	9.8	173302.8	-4352.8
7944	9.8	170706.9	-4343.9	8034	9.6	171604.3	-4308.6	8124	9.6	172320.6	-4356.6	8214	9.5	173305.8	-4357.2
7945	9.6	170708.9	-4327.1	8035	8.9	171605.3	-4304.9	8125	9.6	172320.8	-4355.5	8215	8.6	173308.8	-4336.6
7946	9.3	170712.4	-4356.6	8036	10.0	171608.3	-4321.4	8126	9.8	172328.9	-4306.9	8216	8.5	173321.3	-4330.2
7947	9.6	170721.8	-4349.8	8037	9.9	171610.3	-4325.1	8127	9.8	172330.3	-4317.0	8217	9.8	173321.3	-4350.2
7948	10.0	170737.8	-4344.9	8038	9.3	171622.8	-4322.3	8128	9.2	172335.8	-4311.0	8218	9.8	173324.8	-4352.9
7949	9.8	170740.1	-4357.6	8039	8.8	171625.3	-4329.5	8129	9.8	172341.3	-4320.5	8219	9.6	173328.3	-4308.5
7950	9.5	170750.8	-4314.4	8040	10.0	171626.5	-4316.6	8130	9.3	172350.8	-4336.6	8220	9.8	173330.3	-4313.3
7951	10.0	170758.3	-4356.1	8041	9.9	171630.3	-4337.7	8131	9.3	172351.3	-4314.1	8221	9.6	173337.8	-4336.2
7952	10.0	170805.3	-4312.0	8042	9.3	171639.3	-4335.6	8132	9.4	172356.3	-4354.2	8222	9.4	173339.8	-4310.2
7953	9.8	170806.3	-4326.1	8043	9.6	171640.3	-4312.8	8133	9.8	172400.8	-4348.4	8223	9.8	173343.3	-4341.5
7954	10.0	170816.8	-4313.7	8044	9.5	171642.3	-4358.4	8134	9.6	172407.8	-4344.8	8224	9.6	173351.3	-4316.7
7955	10.0	170816.8	-4346.1	8045	10.0	171645.3	-4353.9	8135	8.9	172408.8	-4352.2	8225	9.6	173409.8	-4330.3
7956	9.6	170825.8	-4320.0	8046	9.0	171652.3	-4345.0	8136	8.6	172415.8	-4308.0	8226	9.8	173418.8	-4304.0
7957	9.1	170827.8	-4345.1	8047	10.0	171652.8	-4304.4	8137	8.9	172419.8	-4309.3	8227	9.8	173420.8	-4316.0
7958	10.0	170834.3	-4352.7	8048	9.3	171659.3	-4356.0	8138	9.8	172424.8	-4301.9	8228	9.8	173426.3	-4303.6
7959	9.0	170835.3	-4315.8	8049	9.6	171702.8	-4356.3	8139	9.3	172434.3	-4333.7	8229	8.8	173429.3	-4345.2
7960	10.0	170839.8	-4327.9	8050	10.0	171710.8	-4313.5	8140	8.2	172448.6	-4359.1	8230	9.8	173430.8	-4310.1
7961	9.3	170841.8	-4329.2	8051	10.0	171711.3	-4300.8	8141	9.8	172501.8	-4306.1	8231	9.8	173433.8	-4337.4
7962	8.9	170842.8	-4346.8	8052	9.8	171711.8	-4304.8	8142	9.6	172504.8	-4326.2	8232	9.8	173454.8	-4311.7
7963	10.0	170846.8	-4332.3	8053	9.6	171715.8	-4319.5	8143	9.6	172519.8	-4310.3	8233	9.8	173458.8	-4353.2
7964	10.0	170857.8	-4316.7	8054	9.0	171720.3	-4309.9	8144	9.8	172526.3	-4312.4	8234	9.8	173500.8	-4320.8
7965	7.4	170901.3	-4326.2	8055	9.4	171723.8	-4337.8	8145	9.8	172529.3	-4334.2	8235	8.7	173515.3	-4357.9
7966	9.2	170902.8	-4316.2	8056	10.0	171724.3	-4313.5	8146	8.5	172530.9	-4304.1	8236	9.8	173515.8	-4355.0
7967	10.0	170932.8	-4308.0	8057	9.4	171735.3	-4342.1	8147	9.0	172538.8	-4303.3	8237	9.8	173523.8	-4327.0
7968	9.4	170940.3	-4353.0	8058	9.3	171744.1	-4344.0	8148	9.5	172543.8	-4319.3	8238	8.2	173525.8	-4350.7
7969	10.0	170940.8	-4343.1	8059	9.4	171746.3	-4342.6	8149	9.4	172545.8	-4306.0	8239	9.2	173528.3	-4348.3
7970	6.5	170945.3	-4359.5	8060	10.0	171750.3	-4311.5	8150	9.4	172546.3	-4302.4	8240	9.8	173529.3	-4320.5
7971	9.4	170958.8	-4338.0	8061	10.0	171750.8	-4357.2	8151	9.6	172559.8	-4334.4	8241	9.8	173542.3	-4332.1
7972	10.0	171000.8	-4307.9	8062	9.3	171752.5	-4355.0	8152	9.5	172602.8	-4336.9	8242	9.1	173604.8	-4339.9
7973	9.8	171001.8	-4308.0	8063	10.0	171757.8	-4307.0	8153	8.6	172610.3	-4358.0	8243	9.8	173608.8	-4355.6
7974	9.6	171005.8	-4321.9	8064	9.8	171801.5	-4336.5	8154	9.3	172611.8	-4337.0	8244	9.8	173620.3	-4332.9
7975	10.0	171013.3	-4314.1	8065	9.8	171802.3	-4329.3	8155	9.6	172618.8	-4314.2	8245	8.9	173622.8	-4307.5
7976	9.4	171026.8	-4356.6	8066	9.8	171804.8	-4321.3	8156	9.6	172623.8	-4304.2	8246	8.9	173624.8	-4333.0
7977	9.9	171041.8	-4328.6	8067	9.2	171811.1	-4313.3	8157	9.6	172635.3	-4350.8	8247	9.6	173628.8	-4331.8
7978	9.2	171046.3	-4352.8	8068	10.0	171824.8	-4351.3	8158	9.2	172648.8	-4304.0	8248	8.8	173630.3	-4358.8
7979	10.0	171055.1	-4324.2	8069	9.4	171830.1	-4337.1	8159	9.4	172653.8	-4312.2	8249	9.8	173633.3	-4322.1
7980	9.5	171055.6	-4358.5	8070	9.9	171830.3	-4338.3	8160	8.9	172657.8	-4319.4	8250	9.9	173638.2	-4300.0
7981	10.0	171103.1	-4344.7	8071	7.4	171832.1	-4325.6	8161	9.8	172703.8	-4324.2	8251	9.8	173640.8	-4330.7
7982	10.0	171120.6	-4330.8	8072	9.8	171842.3	-4334.1	8162	9.8	172707.8	-4341.0	8252	9.8	173640.8	-4334.7
7983	8.2	171129.6	-4344.2	8073	9.9	171844.3	-4321.4	8163	9.3	172717.8	-4339.0	8253	9.8	173655.3	-4355.9
7984	10.0	171135.1	-4351.3	8074	9.6	171847.3	-4322.0	8164	9.5	172720.8	-4331.8	8254	8.9	173700.8	-4302.3
7985	8.5	171140.6	-4311.2	8075	9.9	171851.3	-4344.0	8165	9.6	172722.6	-4358.3	8255	9.8	173710.8	-4341.7
7986	10.0	171142.6	-4325.2	8076	10.0	171851.4	-4338.7	8166	9.5	172724.8	-4312.0	8256	9.8	173733.8	-4319.3
7987	9.6	171145.1	-4302.7	8077	10.0	171853.3	-4304.9	8167	9.1	172732.8	-4333.2	8257	9.8	173735.8	-4316.6
7988	9.6	171148.1	-4301.0	8078	9.6	171856.8	-4334.8	8168	9.6	172739.8	-4300.0	8258	9.8	173737.8	-4327.2
7989	9.6	171157.6	-4308.8	8079	9.6	171859.8	-4335.8	8169	9.3	172747.8	-4336.4	8259	9.8	173738.8	-4306.4
7990	9.6	171200.9	-4317.2	8080	10.0	171902.8	-4341.0	8170	9.4	172756.3	-4345.8	8260	9.8	173738.8	-4307.1
7991	10.0	171208.1	-4318.8	8081	10.0	171910.3	-4342.5	8171	9.8	172813.3	-4343.8	8261	9.8	173742.8	-4329.2
7992	10.0	171208.6	-4333.2	8082	9.4	171912.3	-4338.1	8172	9.6	172813.3	-4307.1	8262	9.0	173747.3	-4359.3
7993	9.6	171210.6	-4328.9	8083	9.0	171913.0	-4335.0	8173	9.8	172814.8	-4321.6	8263	9.8	173748.3	-4353.7
7994	10.0	171214.6	-4319.2	8084	9.8	171916.0	-4319.0	8174	9.6	172815.8	-4314.9	8264	9.8	173750.8	-4330.2
7995	9.9	171219.1	-4304.6	8085	9.4	171918.8	-4330.7	8175	9.8	172820.8	-4352.1	8265	9.2	173752.8	-4352.7
7996	9.8	171220.6	-4316.3	8086	9.8	171922.3	-4313.5	8176	9.3	172830.8	-4341.5	8266	9.1	173755.8	-4327.5
7997	9.9	171221.6	-4317.2	8087	9.8	171924.8	-4318.5	8177	9.2	172845.8	-4341.7	8267	7.6	173755.8	-4326.3
7998	9.4	171223.1	-4352.2	8088	9.8	171933.8	-4307.7	8178	9.8	172848.8	-4315.7	8268	9.6	173757.3	-4351.0
7999	9.9	171232.1	-4350.3	8089	9.8	171945.8	-4328.3	8179	9.8	172900.6	-4302.0	8269	9.6	173757.8	-4348.6
8000	10.0	171233.6	-4343.4	8090	9.8	171948.3	-4328.9	8180	9.8	172901.1	-4358.8	8270	9.2	173759.3	-4305.8
8001	9.6	171238.6	-4354.1	8091	9.8	171950.8	-4354.5	8181	9.3	172905.8	-4341.1	8271	9.8	173800.8	-4313.3
8002	9.6	171241.1	-4306.7	8092	7.1	171958.8	-4352.1	8182	9.4	172916.8	-4324.8	8272	9.4	173809.8	-4338.1
8003	9.5	171249.6	-4354.9	8093	9.3	172014.8	-4324.1	8183	9.8	172919.3	-4338.2	8273	9.6	173815.3	-4359.5
8004	9.6	171251.6	-4323.3	8094	9.6	172025.3	-4326.9	8184	9.8	172928.8	-4320.8	8274	9.8	173821.3	-4356.5
8005	10.0	171252.6	-4333.1	8095	9.8	172053.8	-4324.9	8185	9.8	172935.3	-4307.3	8275	9.1	173829.8	-4321.7
8006	8.3	171310.3	-4327.7	8096	9.3	172053.8	-4320.1	8186	8.1	173001.8	-4303.8	8276	9.8	173836.8	-4310.9
8007	9.5	171330.8	-4301.8	8097	9.4	172055.3	-4307.5	8187	9.8	173004.8	-4316.8	8277	9.3	173840.8	-4326.7
8008	9.6	171331.3	-4319.7	8098	8.6	172058.8	-4326.7	8188	9.6	173009.8	-4325.4	8278	9.4	173844.3	-4344.3
8009	10.0	171332.8	-4310.1	8099	9.8	172100.3	-4323.3	8189	9.8	173020.8	-4358.2	8279	8.5	173900.3	-4323.6
8010	9.4	171338.3	-4318.2	8100	9.5	172104.3	-4341.6	8190	8.8	173020.8	-4305.2	8280	9.4	173910.8	-4359.9
8011	9.9	171338.3	-4337.7	8101	9.5	172104.8	-4340.7	8191	8.1	173029.8	-4347.0	8281	9.8	173915.8	-4354.3
8012	9.6	171341.8	-4351.5	8102	9.8	172108.8	-4333.6	8192	9.5	173036.3	-4346.6	8282	9.3	173916.4	-4301.5
8013	10.0	171347.3	-4344.9	8103	9.0	172113.8	-4305.3	8193	9.6	173040.8	-4320.0	8283	9.8	173934.3	-4335.7
8014	9.6	171350.0	-4300.7	8104	9.8	172123.8	-4308.1	8194	9.8	173045.3	-4334.0	8284	9.4	173954.8	-4308.3
8015	8.8	171351.8	-4347.7	8105	8.2	172127.8	-4338.9	8195	9.0	173051.3	-4311.8	8285	9.6	174001.8	-4309.7
8016	10.0	171401.8	-4301.1	8106	9.3	172128.8	-4322.1	8196	9.3	173100.3	-4323.6	8286	10.2	174018.0	-4301.0
8017	9.9	171410.3	-4345.5	8107	9.6	172131.3	-4321.3	8197	9.5	173102.3	-4308.6	8287	9.6	174018.8	-4302.2
8018	10.0	171423.8	-4338.7	8108	7.3	172134.8	-4307.3	8198	8.8	173105.3	-4339.2	8288	9.6	174023.8	-4301.7
8019	9.1	171429.8	-4318.2	8109	9.3	172142.3	-4340.5	8199	9.8	173111.8	-4317.8	8289	9.8	174024.8	-4306.0
8020	9.9	171431.8	-4310.5	8110	9.6	172142.8	-4355.7	8200	8.5	173123.8	-4347.3	8290	9.8	174029.3	-4315.3
8021	9.6	171432.3	-4342.8	8111	9.4	172144.3	-4343.3	8201	9.2	173128.3	-4312.0	8291	9.8	174029.3	-4315.0
8022	9.9	171442.3	-4303.7	8112	9.3	172154.3	-4301.5	8202	9.0	173130.8	-4334.9	8292	9.3	174040.3	-4331.9
8023	9.4	171506.8	-4309.0	8113	9.8	172154.3	-4317.5	8203	9.6	173147.8	-4337.4	8293	9.3	174050.8	-4302.0
8024	9.8	171509.3	-4339.9	8114	9.8	172156.8	-4328.3	8204	9.8	173155.3	-4321.4	8294	9.8	174057.3	-4329.5
8025	9.8	171509.8	-4343.7	8115	9.8	172159.8	-4302.9	8205	9.4	173200.8	-4312.9	8295	9.8	174059.8	-4346.8
8026	8.0	171510.3	-4340.9	8116	9.8	172220.8	-4328.3	8206	9.8	173204.8	-4343.2	8296	9.8	174119.8	-4337.7

-43 8296 17h41m

-43 8297 17h41m

-43 8656 18h24m

8297	9.4	174129.8	-4327.6	8387	10.1	175234.1	-4323.3	8477	9.5	180227.7	-4300.5	8567	10.0	181138.5	-4302.8
8298	9.2	174129.8	-4315.8	8388	10.1	175239.6	-4350.1	8478	8.9	180228.7	-4356.7	8568	9.2	181140.5	-4342.6
8299	9.6	174130.3	-4314.2	8389	9.6	175240.1	-4322.6	8479	9.6	180234.2	-4307.8	8569	8.6	181143.0	-4332.1
8300	9.8	174139.8	-4324.7	8390	10.0	175242.8	-4300.8	8480	7.6	180246.7	-4306.2	8570	9.4	181150.4	-4350.8
8301	9.8	174146.3	-4310.9	8391	9.3	175244.1	-4308.7	8481	9.6	180251.2	-4341.0	8571	9.8	181150.4	-4329.8
8302	9.8	174148.8	-4316.6	8392	9.8	175324.1	-4306.9	8482	9.3	180253.5	-4359.3	8572	10.1	181153.4	-4346.6
8303	8.5	174149.8	-4306.5	8393	9.8	175325.1	-4320.4	8483	10.0	180300.7	-4332.3	8573	10.1	181155.4	-4319.7
8304	9.6	174159.8	-4337.6	8394	9.8	175343.1	-4320.8	8484	9.8	180302.7	-4301.2	8574	8.8	181155.9	-4315.9
8305	9.6	174200.8	-4338.0	8395	9.6	175344.1	-4341.3	8485	9.0	180316.2	-4339.7	8575	7.3	181157.9	-4349.4
8306	9.6	174210.3	-4346.1	8396	10.1	175344.6	-4316.5	8486	8.8	180317.7	-4327.3	8576	9.8	181159.5	-4336.7
8307	9.6	174211.8	-4308.9	8397	10.1	175346.6	-4303.4	8487	8.9	180318.5	-4302.7	8577	9.8	181200.4	-4312.0
8308	9.5	174222.3	-4313.8	8398	10.0	175348.0	-4335.5	8488	9.6	180318.7	-4346.2	8578	9.6	181205.9	-4301.8
8309	9.8	174225.3	-4308.1	8399	10.1	175348.6	-4307.4	8489	9.8	180319.7	-4344.3	8579	10.1	181213.4	-4303.3
8310	9.8	174256.3	-4305.9	8400	10.1	175350.1	-4320.2	8490	10.0	180321.2	-4309.7	8580	10.1	181219.4	-4357.7
8311	9.3	174256.8	-4330.5	8401	10.1	175359.5	-4359.1	8491	9.6	180322.2	-4309.9	8581	10.0	181227.9	-4311.0
8312	9.6	174259.3	-4329.4	8402	7.7	175400.0	-4327.5	8492	10.0	180338.7	-4300.0	8582	10.0	181236.9	-4332.1
8313	8.2	174307.8	-4310.0	8403	9.3	175402.8	-4300.4	8493	9.8	180405.7	-4356.7	8583	10.0	181313.4	-4328.4
8314	9.8	174310.3	-4335.3	8404	10.0	175444.5	-4346.8	8494	10.0	180437.7	-4312.8	8584	10.1	181318.5	-4348.2
8315	10.2	174314.0	-4301.4	8405	10.1	175447.0	-4346.9	8495	9.6	180439.7	-4330.7	8585	9.6	181330.4	-4347.8
8316	8.8	174315.8	-4333.5	8406	10.1	175448.5	-4323.0	8496	9.6	180443.7	-4312.7	8586	10.1	181330.9	-4340.1
8317	9.8	174315.8	-4303.2	8407	10.0	175454.0	-4311.9	8497	7.8	180447.6	-4313.9	8587	8.9	181340.4	-4312.3
8318	9.8	174329.3	-4333.7	8408	9.6	175457.7	-4356.8	8498	9.6	180453.1	-4331.9	8588	9.2	181341.9	-4356.2
8319	9.8	174335.8	-4335.8	8409	9.6	175500.0	-4350.7	8499	9.6	180454.1	-4328.1	8589	9.2	181344.6	-4330.6
8320	9.0	174340.3	-4310.8	8410	9.5	175505.0	-4321.5	8500	8.1	180455.6	-4346.1	8590	9.8	181359.4	-4348.6
8321	9.4	174355.8	-4348.4	8411	10.1	175505.0	-4323.8	8501	9.6	180458.6	-4325.2	8591	8.5	181403.8	-4311.5
8322	9.2	174400.8	-4322.1	8412	9.8	175506.0	-4337.9	8502	9.5	180504.6	-4357.4	8592	9.5	181407.3	-4308.5
8323	9.4	174401.8	-4331.9	8413	10.0	175521.0	-4328.9	8503	10.1	180507.0	-4357.9	8593	10.1	181415.4	-4344.3
8324	9.6	174404.3	-4317.6	8414	10.1	175524.0	-4327.9	8504	9.6	180516.1	-4307.3	8594	10.1	181415.4	-4345.8
8325	9.8	174409.3	-4319.2	8415	9.2	175525.0	-4305.7	8505	9.6	180516.6	-4342.1	8595	10.1	181415.9	-4305.7
8326	9.5	174427.8	-4320.8	8416	9.6	175525.5	-4320.5	8506	10.1	180519.6	-4336.9	8596	9.4	181416.4	-4317.1
8327	8.3	174435.8	-4341.1	8417	10.1	175530.5	-4358.6	8507	8.0	180519.6	-4310.9	8597	10.2	181425.7	-4344.8
8328	9.6	174448.9	-4300.7	8418	10.0	175532.0	-4325.8	8508	9.4	180523.1	-4344.3	8598	10.4	181428.2	-4342.4
8329	9.8	174508.8	-4336.4	8419	8.2	175545.5	-4350.5	8509	10.1	180533.1	-4353.9	8599	9.6	181437.2	-4313.7
8330	9.4	174519.0	-4346.3	8420	10.1	175558.5	-4344.1	8510	10.0	180534.6	-4351.1	8600	9.8	181440.7	-4317.2
8331	9.8	174531.3	-4322.7	8421	10.1	175604.5	-4350.9	8511	9.6	180544.1	-4305.0	8601	10.4	181500.2	-4346.1
8332	9.1	174538.3	-4320.8	8422	9.4	175624.0	-4336.0	8512	10.1	180552.8	-4303.8	8602	10.4	181502.2	-4337.5
8333	9.6	174556.7	-4312.4	8423	10.1	175634.5	-4356.1	8513	9.5	180558.1	-4325.9	8603	10.4	181549.7	-4305.6
8334	10.1	174556.9	-4344.9	8424	10.1	175635.0	-4320.0	8514	10.0	180619.6	-4313.3	8604	10.2	181615.7	-4354.1
8335	8.3	174558.0	-4307.7	8425	9.4	175641.0	-4332.2	8515	9.8	180624.6	-4326.7	8605	10.4	181622.7	-4304.6
8336	10.1	174559.5	-4351.8	8426	9.3	175706.0	-4345.2	8516	10.1	180630.6	-4341.9	8606	10.4	181626.2	-4331.8
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8354	10.0	174825.7	-4336.4	8444	8.2	175838.4	-4324.0	8534	10.0	180815.5	-4333.9	8624	10.2	181911.7	-4336.0
8355	9.6	174839.7	-4351.1	8445	9.8	175844.9	-4345.8	8535	9.6	180818.5	-4309.8	8625	10.0	181936.7	-4340.8
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-43 8657 18h24m

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8720 10.4 183235.1 -4303.0	8810 9.7 184506.9 -4309.8	8900 10.3 185652.1 -4317.0	8990 9.6 191521.0 -4307.2
8721 9.6 183242.1 -4340.4	8811 9.7 184526.9 -4300.8	8901 10.4 185658.6 -4315.7	8991 7.0 191526.0 -4357.7
8722 10.4 183257.1 -4320.2	8812 9.2 184542.9 -4352.0	8902 10.4 185700.1 -4359.2	8992 9.0 191534.5 -4316.2
8723 10.4 183306.6 -4323.3	8813 10.4 184605.4 -4355.3	8903 10.3 185724.1 -4309.0	8993 9.9 191605.0 -4324.5
8724 10.2 183311.3 -4329.9	8814 9.5 184609.9 -4318.8	8904 10.4 185735.8 -4302.0	8994 10.8 191641.3 -4300.6
8725 9.6 183319.0 -4302.9	8815 9.8 184610.9 -4338.6	8905 10.4 185745.6 -4347.5	8995 9.8 191718.0 -4353.0
8726 8.6 183319.3 -4343.1	8816 10.4 184614.9 -4338.1	8906 7.8 185750.3 -4300.1	8996 10.8 191755.8 -4301.5
8727 8.2 183332.8 -4339.9	8817 9.8 184630.9 -4325.9	8907 10.4 185751.6 -4351.7	8997 10.1 191804.8 -4336.3
8728 10.2 183343.0 -4300.4	8818 10.4 184631.4 -4337.9	8908 10.4 185806.1 -4322.9	8998 9.8 191830.8 -4303.1
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8733 10.0 183408.3 -4308.0	8823 10.2 184644.4 -4354.6	8913 9.9 185856.6 -4311.9	9003 9.8 191944.3 -4330.0
8734 9.9 183408.8 -4320.6	8824 10.4 184655.9 -4359.0	8914 9.3 185904.1 -4327.7	9004 10.0 192001.8 -4303.3
8735 10.4 183408.8 -4306.8	8825 9.9 184712.9 -4348.2	8915 9.7 190012.6 -4305.4	9005 6.3 192030.8 -4341.6
8736 9.6 183411.3 -4330.1	8826 9.6 184716.4 -4327.3	8916 10.4 190014.1 -4355.4	9006 10.1 192038.8 -4341.2
8737 9.8 183420.3 -4318.0	8827 9.0 184730.9 -4330.0	8917 10.0 190040.6 -4316.7	9007 10.0 192044.3 -4309.0
8738 10.4 183420.8 -4349.1	8828 9.7 184741.4 -4334.7	8918 10.0 190044.6 -4311.5	9008 10.1 192049.3 -4344.1
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8742 10.4 183505.3 -4312.8	8832 9.2 184800.9 -4309.7	8922 9.8 190137.1 -4321.0	9012 10.0 192223.8 -4327.1
8743 10.2 183510.3 -4348.3	8833 10.4 184806.9 -4348.4	8923 9.5 190141.1 -4328.3	9013 10.1 192245.3 -4313.0
8744 10.4 183511.8 -4307.6	8834 9.0 184809.9 -4313.7	8924 10.0 190212.6 -4316.2	9014 9.2 192247.3 -4320.7
8745 10.4 183516.8 -4344.1	8835 10.4 184812.9 -4346.9	8925 10.0 190218.6 -4322.1	9015 10.0 192248.8 -4316.1
8746 9.1 183527.8 -4346.8	8836 10.2 184823.3 -4300.1	8926 9.2 190232.6 -4341.3	9016 9.8 192253.3 -4341.9

-43 9016 19h22m

9017	8.5	192314.3	-4304.5	9107	10.2	194736.7	-4331.4	9197	10.4	201002.3	-4351.7	9287	10.1	203315.6	-4319.5
9018	9.8	192357.3	-4347.6	9108	10.3	194741.2	-4347.8	9198	7.6	201005.3	-4300.2	9288	10.0	203322.3	-4300.2
9019	10.1	192413.3	-4321.3	9109	10.3	194750.7	-4309.0	9199	9.6	201041.8	-4343.1	9289	10.0	203357.4	-4325.1
9020	10.0	192420.3	-4300.2	9110	8.9	194803.7	-4318.9	9200	8.8	201048.8	-4307.2	9290	9.8	203437.2	-4318.7
9021	9.9	192424.3	-4320.7	9111	10.3	194806.7	-4306.8	9201	10.5	201111.8	-4349.0	9291	10.0	203445.2	-4357.2
9022	10.1	192424.3	-4338.7	9112	9.3	194815.7	-4356.4	9202	10.2	201116.8	-4354.0	9292	9.6	203448.2	-4345.2
9023	9.9	192427.3	-4344.4	9113	9.6	194815.7	-4350.4	9203	10.1	201123.3	-4352.9	9293	9.8	203530.2	-4314.7
9024	10.1	192430.3	-4353.8	9114	10.3	194839.7	-4300.1	9204	8.8	201143.0	-4304.2	9294	10.0	203549.7	-4342.2
9025	9.7	192439.3	-4353.7	9115	10.2	194910.2	-4328.4	9205	8.2	201149.5	-4317.4	9295	10.4	203606.8	-4300.5
9026	9.4	192515.3	-4343.8	9116	9.8	194930.3	-4359.4	9206	9.6	201152.5	-4347.4	9296	10.0	203614.7	-4346.5
9027	10.1	192521.3	-4346.7	9117	10.0	194931.2	-4326.6	9207	10.4	201156.0	-4357.4	9297	10.0	203614.7	-4328.7
9028	10.1	192524.3	-4349.1	9118	9.4	194932.2	-4336.7	9208	9.6	201212.6	-4359.7	9298	9.4	203640.2	-4355.5
9029	9.9	192530.3	-4326.9	9119	8.3	194945.7	-4300.9	9209	10.3	201256.5	-4302.7	9299	10.0	203707.2	-4311.0
9030	9.7	192656.8	-4343.5	9120	10.0	194945.7	-4309.4	9210	10.3	201317.5	-4357.5	9300	9.2	203709.7	-4323.6
9031	9.4	192705.3	-4347.3	9121	10.3	194956.2	-4337.4	9211	10.4	201337.5	-4343.8	9301	9.8	203720.2	-4345.2
9032	10.1	192728.3	-4321.6	9122	8.8	195003.7	-4326.0	9212	8.5	201410.5	-4321.0	9302	10.0	203720.7	-4350.5
9033	9.9	192749.3	-4349.8	9123	10.0	195020.2	-4325.8	9213	10.5	201434.0	-4333.8	9303	9.8	203724.7	-4341.8
9034	9.6	192810.8	-4350.1	9124	9.0	195026.7	-4343.9	9214	10.5	201443.0	-4314.1	9304	9.6	203732.2	-4328.9
9035	9.2	192819.8	-4305.2	9125	8.8	195109.7	-4318.6	9215	9.8	201455.5	-4324.2	9305	9.8	203734.7	-4323.2
9036	10.1	192839.3	-4350.0	9126	10.3	195115.2	-4327.2	9216	10.3	201457.5	-4343.2	9306	9.4	203806.2	-4335.2
9037	9.6	192841.3	-4313.2	9127	9.0	195133.7	-4324.6	9217	9.8	201546.5	-4322.4	9307	9.0	203831.7	-4342.1
9038	9.9	192852.3	-4317.1	9128	7.7	195144.7	-4322.8	9218	10.2	201548.5	-4318.3	9308	10.0	203851.7	-4357.7
9039	10.0	192855.3	-4350.5	9129	9.3	195148.7	-4348.3	9219	9.0	201602.5	-4332.5	9309	10.0	203900.7	-4351.1
9040	10.1	192911.3	-4315.1	9130	8.9	195156.7	-4327.2	9220	9.6	201606.0	-4331.0	9310	10.0	203907.2	-4337.9
9041	8.4	193001.3	-4319.1	9131	9.0	195204.7	-4326.4	9221	10.1	201612.5	-4348.1	9311	9.6	203922.2	-4338.1
9042	9.4	193002.1	-4311.5	9132	9.0	195224.7	-4328.6	9222	10.5	201613.5	-4336.2	9312	9.6	203926.0	-4302.5
9043	10.1	193031.1	-4328.5	9133	9.6	195234.2	-4334.4	9223	9.2	201623.5	-4303.9	9313	9.6	203959.7	-4316.3
9044	9.8	193034.6	-4324.3	9134	10.3	195235.2	-4314.0	9224	10.1	201628.5	-4320.3	9314	10.0	204006.7	-4326.9
9045	8.7	193110.6	-4345.7	9135	8.5	195245.7	-4311.8	9225	10.5	201642.5	-4312.4	9315	8.8	204009.2	-4349.8
9046	10.0	193124.1	-4322.1	9136	9.0	195302.7	-4308.7	9226	8.2	201703.0	-4312.3	9316	8.2	204013.2	-4327.8
9047	10.1	193134.1	-4329.2	9137	9.0	195304.7	-4316.9	9227	10.4	201740.5	-4318.2	9317	10.0	204041.2	-4338.5
9048	9.6	193205.1	-4338.6	9138	10.2	195314.2	-4309.4	9228	9.0	201809.0	-4358.1	9318	10.0	204104.2	-4356.6
9049	9.4	193210.1	-4359.8	9139	9.0	195332.7	-4349.8	9229	9.3	201838.0	-4349.7	9319	10.0	204110.7	-4305.4
9050	9.4	193237.6	-4325.5	9140	10.0	195358.7	-4349.0	9230	9.6	201845.0	-4349.0	9320	9.8	204151.7	-4329.5
9051	10.1	193309.0	-4326.7	9141	10.3	195401.7	-4352.4	9231	10.0	201850.0	-4314.5	9321	9.8	204254.2	-4319.3
9052	9.8	193353.0	-4304.2	9142	10.0	195420.7	-4354.6	9232	10.4	201854.0	-4331.1	9322	10.0	204257.2	-4351.0
9053	9.4	193358.5	-4321.9	9143	9.8	195428.7	-4307.4	9233	8.7	201926.0	-4301.5	9323	9.4	204341.2	-4302.1
9054	10.0	193423.0	-4333.2	9144	9.6	195430.7	-4337.0	9234	8.2	201929.6	-4301.6	9324	10.0	204353.2	-4331.9
9055	9.4	193433.0	-4304.4	9145	7.6	195436.7	-4316.1	9235	9.5	201930.0	-4303.5	9325	9.6	204402.2	-4338.2
9056	10.1	193433.0	-4332.8	9146	10.2	195502.7	-4314.6	9236	10.5	201939.0	-4346.3	9326	9.8	204406.7	-4312.5
9057	9.0	193500.0	-4343.9	9147	10.2	195522.9	-4300.1	9237	10.2	201950.0	-4313.9	9327	10.0	204445.2	-4324.1
9058	9.8	193530.0	-4339.3	9148	8.8	195534.2	-4316.6	9238	10.2	202002.0	-4318.5	9328	9.2	204446.2	-4303.2
9059	9.7	193555.0	-4332.8	9149	9.3	195541.7	-4324.2	9239	9.1	202009.0	-4333.5	9329	10.0	204547.0	-4327.3
9060	10.0	193612.1	-4334.9	9150	8.0	195552.7	-4354.5	9240	10.5	202022.0	-4340.3	9330	10.0	204558.0	-4325.1
9061	9.0	193617.1	-4328.9	9151	9.8	195554.7	-4340.6	9241	8.2	202030.0	-4339.5	9331	9.4	204558.0	-4333.1
9062	9.5	193619.3	-4312.7	9152	10.3	195555.2	-4300.8	9242	10.3	202051.0	-4341.0	9332	10.0	204617.1	-4358.8
9063	10.3	193639.6	-4304.4	9153	9.5	195622.7	-4325.9	9243	10.0	202053.0	-4322.5	9333	9.8	204628.0	-4334.9
9064	10.0	193640.6	-4327.8	9154	9.6	195629.2	-4319.2	9244	9.1	202056.0	-4321.0	9334	8.8	204641.5	-4320.0
9065	8.8	193705.1	-4336.0	9155	10.3	195650.4	-4348.0	9245	8.8	202224.0	-4314.2	9335	10.0	204702.5	-4359.4
9066	9.5	193705.6	-4322.7	9156	8.8	195738.4	-4333.6	9246	9.3	202225.0	-4302.3	9336	10.0	204713.0	-4324.0
9067	10.2	193809.9	-4316.7	9157	10.3	195820.9	-4336.6	9247	10.4	202300.0	-4359.1	9337	9.8	204731.0	-4340.6
9068	7.1	193839.9	-4338.7	9158	10.2	195830.4	-4317.1	9248	10.5	202302.0	-4338.8	9338	10.0	204732.5	-4344.5
9069	10.3	193848.9	-4319.9	9159	8.6	195907.2	-4358.4	9249	10.4	202324.8	-4321.9	9339	9.8	204733.5	-4302.1
9070	8.6	193903.9	-4355.9	9160	9.5	195907.9	-4359.3	9250	10.5	202329.8	-4333.0	9340	10.0	204746.5	-4308.3
9071	10.3	193913.9	-4348.5	9161	10.2	195915.9	-4337.7	9251	10.0	202346.8	-4331.8	9341	10.0	204802.5	-4359.0
9072	10.0	193915.4	-4349.8	9162	10.0	200008.4	-4333.1	9252	10.5	202357.8	-4355.5	9342	9.4	205101.0	-4322.0
9073	10.0	193921.9	-4345.7	9163	9.6	200014.9	-4340.9	9253	9.8	202427.8	-4312.1	9343	9.3	205124.5	-4359.4
9074	10.3	194055.9	-4331.1	9164	8.8	200113.4	-4342.8	9254	10.2	202429.8	-4356.2	9344	7.0	205141.0	-4329.9
9075	10.3	194112.4	-4341.3	9165	7.8	200210.4	-4358.1	9255	8.7	202437.8	-4344.8	9345	10.0	205141.0	-4301.2
9076	10.3	194118.9	-4344.0	9166	7.6	200225.4	-4350.4	9256	9.6	202441.8	-4357.8	9346	10.0	205146.5	-4306.9
9077	10.3	194124.9	-4349.7	9167	10.3	200240.3	-4318.9	9257	9.6	202457.8	-4342.8	9347	9.6	205201.0	-4321.6
9078	10.0	194145.9	-4321.6	9168	10.2	200244.9	-4333.2	9258	7.6	202544.8	-4352.2	9348	10.0	205203.0	-4300.5
9079	10.2	194202.4	-4308.9	9169	10.2	200249.3	-4314.2	9259	10.5	202605.8	-4317.1	9349	9.6	205209.0	-4312.1
9080	10.0	194205.9	-4318.1	9170	11.0	200254.0	-4301.0	9260	10.5	202606.8	-4340.8	9350	8.6	205214.0	-4355.8
9081	10.3	194216.9	-4315.6	9171	8.1	200312.3	-4324.4	9261	10.5	202608.8	-4359.2	9351	8.8	205220.0	-4308.3
9082	9.5	194218.9	-4333.1	9172	8.9	200325.3	-4345.9	9262	9.3	202620.8	-4332.1	9352	10.0	205228.0	-4351.5
9083	9.6	194242.9	-4327.9	9173	10.0	200332.0	-4358.7	9263	9.6	202639.8	-4355.7	9353	10.0	205229.0	-4339.2
9084	10.0	194246.9	-4341.5	9174	10.2	200346.3	-4310.2	9264	10.5	202657.8	-4334.9	9354	8.8	205314.5	-4355.7
9085	9.6	194247.9	-4341.5	9175	7.3	200348.3	-4308.8	9265	8.6	202712.3	-4350.6	9355	9.4	205327.0	-4354.8
9086	8.3	194253.4	-4346.1	9176	9.6	200359.0	-4320.7	9266	10.5	202722.6	-4347.4	9356	10.0	205335.6	-4305.1
9087	9.6	194301.9	-4322.1	9177	10.5	200415.0	-4316.2	9267	10.0	202821.1	-4308.7	9357	10.0	205340.5	-4309.8
9088	9.3	194327.9	-4340.3	9178	9.1	200546.4	-4325.5	9268	9.5	202844.6	-4346.7	9358	9.8	205344.0	-4318.3
9089	9.2	194352.4	-4351.7	9179	10.5	200559.0	-4343.0	9269	7.5	202858.1	-4328.3	9359	6.4	205355.0	-4329.2
9090	10.0	194359.9	-4344.0	9180	10.5	200610.0	-4320.4	9270	7.8	202911.1	-4355.7	9360	8.6	205357.5	-4359.1
9091	10.2	194419.9	-4337.7	9181	10.5	200612.1	-4350.0	9271	10.2	202937.1	-4333.8	9361	7.6	205400.5	-4328.8
9092	10.0	194450.9	-4307.5	9182	9.2	200630.5	-4356.9	9272	10.4	203008.1	-4307.6	9362	10.0	205425.6	-4317.7
9093	9.6	194456.9	-4315.9	9183	10.5	200636.0	-4357.7	9273	10.5	203024.1	-4344.5	9363	10.0	205448.0	-4320.3
9094	9.5	194459.4	-4339.9	9184	10.2	200642.5	-4347.0	9274	10.2	203028.6	-4319.0	9364	10.0	205453.5	-4304.7
9095	10.3	194500.9	-4302.8	9185	10.0	200645.8	-4354.9	9275	10.2	203029.6	-4338.7	9365	10.0	205455.0	-4343.4
9096	9.8	194512.4	-4357.8	9186	10.5	200700.8	-4338.6	9276	8.4	203110.6	-4315.6	9366	8.6	205553.0	-4327.3
9097	10.2	194521.9	-4324.5	9187	9.8	200715.3	-4310.6	9277	9.8	203118.6	-4316.4	9367	7.8	205607.0	-4334.6
9098	10.3	194524.9	-4324.9	9188	9.2	200722.8	-4310.0	9278	10.1	203121.6	-4326.1	9368	9.2	205607.2	-4302.5
9099	10.2	194550.9	-4320.8	9189	10.5	200738.9	-4326.2	9279	10.0	203122.6	-4313.5	9369	9.8	205608.5	-4328.7
9100	9.6	194600.9	-4324.7	9190	9.2	200740.2	-4301.4	9280	10.5	203123.1	-4340.5	9370	9.8	205628.5	-4347.1
9101	10.2	194626.9	-4357.8	9191	10.5	200745.8	-4316.6	9281	10.3	203128.6	-4304.5	9371	10.0	205649.0	-4353.1
9102	9.6	194628.4	-4318.5	9192	10.4	200800.8	-4322.1	9282	10.5	203129.6	-4343.4	9372	9.6	205721.5	-4325.5
9103	8.8	194628.9	-4336.5	9193	9.8	200821.8	-4314.0	9283	10.3	203141.1	-4351.8	9373	10.0	205744.5	-4330.9
9104	10.3	194651.9	-4332.0	9194	10.5	200838.3	-4347.1	9284	8.7	203154.1	-4330.0	9374	10.0	205816.5	-4342.5
9105	8.9	194718.1	-4359.8	9195	6.9	200941.3	-4314.4	9285	9.6	203159.1	-4353.2	9375	10.0	205840.5	-4318.0
9106	10.3	194732.7	-4309.9	9196	9.8	200949.3	-4311.6	9286	9.6	203210.3	-4353.6	9376	9.8	205900.0	-4344.0

-43 9377 20h59m

-43 9736 23h15m

9377	10.0	205909.5	-4355.6	9467	10.0	212309.8	-4320.6	9557	9.8	215004.4	-4330.9
9378	9.8	205909.8	-4317.5	9468	9.8	212332.3	-4331.4	9558	8.2	215013.4	-4326.1
9379	10.0	205930.1	-4335.0	9469	10.3	212336.8	-4351.2	9559	9.6	215027.9	-4316.6
9380	10.0	205931.0	-4349.3	9470	9.6	212359.3	-4352.8	9560	10.0	215120.9	-4348.0
9381	10.6	205942.5	-4311.8	9471	8.8	212438.8	-4350.9	9561	8.4	215139.4	-4324.3
9382	10.6	210031.1	-4317.7	9472	10.6	212439.2	-4330.0	9562	10.4	215215.9	-4345.9
9383	7.9	210053.8	-4346.7	9473	9.5	212529.2	-4322.2	9563	9.6	215218.9	-4333.0
9384	10.2	210054.6	-4310.1	9474	10.3	212536.7	-4331.4	9564	9.3	215231.3	-4328.5
9385	10.4	210123.1	-4325.0	9475	10.6	212553.2	-4358.0	9565	7.4	215249.0	-4302.9
9386	10.3	210129.6	-4343.6	9476	7.0	212618.2	-4328.6	9566	10.4	215259.3	-4358.1
9387	10.4	210153.1	-4349.4	9477	9.8	212624.6	-4319.4	9567	10.4	215313.3	-4359.3
9388	9.2	210156.1	-4353.3	9478	10.4	212737.4	-4333.0	9568	10.4	215359.3	-4314.5
9389	9.6	210209.6	-4338.8	9479	10.4	212753.4	-4321.3	9569	10.4	215359.3	-4327.5
9390	9.8	210213.6	-4322.9	9480	10.2	212753.9	-4346.1	9570	9.4	215413.6	-4308.8
9391	10.6	210214.6	-4319.6	9481	10.4	212806.9	-4317.5	9571	10.0	215420.8	-4309.4
9392	10.0	210217.6	-4335.1	9482	9.4	212822.9	-4301.2	9572	9.2	215502.7	-4307.4
9393	10.3	210251.6	-4359.2	9483	9.1	212848.8	-4319.1	9573	9.6	215519.2	-4345.0
9394	9.0	210301.1	-4308.9	9484	8.2	213011.4	-4359.7	9574	8.6	215523.2	-4349.9
9395	10.6	210316.6	-4305.1	9485	10.2	213029.9	-4351.6	9575	10.4	215605.2	-4311.1
9396	10.0	210320.1	-4327.3	9486	8.8	213043.9	-4316.2	9576	9.8	215631.2	-4311.1
9397	10.6	210320.6	-4340.1	9487	9.8	213110.4	-4339.7	9577	9.8	215634.2	-4335.5
9398	10.6	210323.6	-4349.2	9488	10.4	213121.4	-4300.8	9578	8.0	215637.2	-4319.6
9399	9.5	210427.1	-4322.8	9489	9.0	213134.4	-4335.3	9579	9.4	215642.2	-4304.5
9400	10.4	210503.6	-4334.8	9490	6.0	213147.4	-4300.6	9580	9.8	215727.7	-4357.1
9401	9.8	210530.6	-4307.7	9491	10.4	213147.9	-4346.4	9581	9.8	215816.2	-4358.1
9402	7.2	210536.6	-4338.5	9492	6.6	213154.9	-4341.7	9582	8.0	215843.2	-4334.9
9403	7.4	210609.6	-4318.7	9493	9.3	213214.4	-4311.0	9583	9.0	215928.2	-4306.6
9404	8.4	210625.1	-4311.8	9494	8.8	213218.9	-4311.6	9584	9.8	220052.2	-4321.7
9405	8.6	210643.6	-4354.7	9495	9.4	213230.2	-4336.1	9585	7.5	220059.2	-4338.9
9406	10.0	210711.1	-4334.4	9496	9.6	213249.2	-4343.4	9586	9.2	220149.2	-4313.9
9407	9.8	210726.6	-4310.0	9497	9.4	213257.7	-4352.7	9587	9.8	220155.7	-4341.4
9408	8.1	210744.1	-4321.6	9498	10.4	213401.7	-4335.6	9588	9.8	220341.9	-4341.6
9409	8.6	210753.6	-4328.3	9499	10.4	213404.2	-4324.3	9589	9.0	220423.4	-4345.0
9410	9.8	210759.6	-4334.3	9500	10.4	213416.2	-4326.7	9590	7.8	220508.4	-4308.9
9411	10.6	210800.6	-4305.5	9501	9.6	213437.7	-4357.3	9591	8.5	220540.4	-4331.1
9412	9.8	210814.1	-4309.9	9502	9.6	213456.2	-4320.7	9592	9.8	220759.9	-4304.1
9413	10.2	210821.2	-4359.9	9503	9.8	213504.2	-4303.7	9593	9.2	220800.4	-4335.8
9414	10.3	210823.6	-4344.6	9504	8.5	213523.7	-4357.5	9594	8.3	220821.9	-4319.0
9415	9.5	210854.6	-4316.3	9505	10.4	213526.7	-4316.1	9595	9.6	220854.9	-4316.9
9416	10.6	210905.6	-4325.8	9506	10.4	213529.7	-4319.7	9596	9.8	221054.4	-4342.0
9417	9.4	210922.6	-4306.3	9507	10.2	213538.2	-4342.8	9597	9.8	221137.9	-4320.9
9418	9.8	210950.1	-4326.0	9508	9.6	213540.7	-4347.9	9598	9.4	221138.9	-4312.7
9419	10.4	210951.1	-4335.7	9509	10.4	213549.7	-4300.5	9599	9.8	221143.9	-4348.2
9420	9.4	210952.1	-4307.9	9510	9.6	213653.2	-4351.0	9600	9.8	221208.9	-4308.3
9421	10.6	210957.1	-4338.7	9511	10.4	213704.7	-4350.3	9601	9.0	221324.9	-4322.5
9422	6.5	211015.6	-4351.4	9512	8.6	213714.2	-4340.7	9602	9.4	221334.9	-4351.7
9423	9.8	211039.6	-4315.8	9513	10.0	213714.2	-4330.5	9603	9.2	221429.5	-4351.4
9424	9.5	211039.6	-4354.2	9514	10.4	213715.2	-4324.3	9604	9.4	221436.5	-4342.9
9425	9.6	211049.6	-4323.3	9515	9.6	213717.7	-4359.4	9605	9.8	221504.0	-4331.3
9426	9.8	211120.6	-4329.7	9516	10.0	213729.2	-4337.5	9606	9.4	221635.5	-4347.5
9427	7.7	211157.6	-4312.2	9517	10.4	213747.2	-4313.2	9607	9.8	221639.5	-4318.5
9428	10.6	211203.6	-4314.6	9518	10.4	213749.4	-4308.0	9608	9.8	221734.5	-4339.9
9429	10.0	211309.6	-4306.5	9519	10.4	213829.7	-4344.9	9609	9.2	221739.0	-4342.7
9430	9.4	211323.6	-4341.9	9520	8.4	213833.7	-4330.6	9610	9.8	221932.1	-4308.0
9431	8.2	211324.6	-4328.7	9521	9.4	213843.2	-4336.0	9611	9.8	221949.1	-4326.9
9432	8.6	211339.3	-4355.7	9522	9.8	213844.2	-4314.1	9612	9.8	222014.6	-4358.6
9433	10.2	211414.3	-4359.9	9523	9.8	213850.8	-4302.1	9613	9.6	222019.6	-4307.7
9434	10.2	211419.3	-4311.8	9524	10.4	214025.2	-4345.1	9614	9.8	222029.1	-4352.7
9435	10.2	211441.3	-4330.0	9525	10.0	214109.0	-4357.4	9615	9.4	222029.6	-4319.3
9436	10.3	211445.6	-4358.7	9526	9.6	214126.7	-4350.3	9616	9.8	222123.6	-4301.7
9437	9.0	211505.3	-4328.5	9527	10.4	214149.7	-4308.0	9617	9.6	222129.1	-4315.7
9438	10.3	211509.3	-4346.2	9528	10.4	214149.7	-4316.9	9618	9.4	222215.1	-4328.7
9439	10.4	211607.6	-4359.6	9529	10.0	214159.2	-4344.0	9619	9.6	222222.3	-4310.8
9440	10.6	211629.3	-4330.1	9530	10.4	214209.7	-4316.9	9620	9.4	222229.8	-4348.7
9441	10.6	211643.3	-4352.2	9531	8.5	214214.7	-4316.0	9621	9.8	222240.8	-4321.1
9442	9.5	211653.3	-4317.0	9532	9.8	214231.2	-4316.7	9622	9.6	222322.0	-4348.2
9443	9.6	211729.3	-4345.2	9533	10.4	214236.2	-4352.0	9623	9.4	222323.5	-4355.9
9444	10.2	211729.3	-4332.5	9534	10.0	214307.7	-4333.2	9624	9.4	222329.3	-4320.3
9445	10.4	211739.3	-4357.3	9535	10.4	214310.9	-4324.2	9625	9.0	222358.3	-4316.2
9446	9.5	211807.3	-4320.0	9536	10.0	214310.9	-4328.3	9626	7.9	222438.0	-4322.9
9447	10.6	211817.8	-4319.9	9537	9.6	214314.4	-4346.4	9627	7.0	222446.0	-4354.2
9448	10.4	211823.3	-4340.9	9538	10.4	214319.4	-4340.9	9628	9.2	222453.0	-4313.2
9449	10.2	211838.3	-4302.8	9539	8.5	214408.9	-4338.6	9629	9.4	222513.0	-4322.7
9450	9.8	211851.1	-4300.6	9540	8.2	214416.9	-4333.7	9630	9.6	222612.0	-4319.1
9451	5.8	211859.3	-4305.3	9541	8.0	214451.9	-4325.7	9631	9.4	222615.0	-4336.1
9452	10.6	211901.3	-4342.1	9542	9.4	214509.4	-4356.5	9632	9.2	222629.8	-4300.3
9453	9.6	211904.3	-4353.0	9543	9.4	214512.4	-4336.7	9633	8.2	222635.0	-4359.9
9454	10.3	211904.8	-4340.9	9544	9.6	214534.4	-4354.0	9634	8.2	222645.0	-4342.7
9455	9.0	212015.3	-4309.4	9545	9.2	214554.4	-4349.3	9635	9.6	222726.0	-4325.2
9456	9.8	212033.3	-4324.8	9546	9.6	214601.4	-4327.8	9636	9.4	222834.0	-4304.7
9457	10.6	212034.3	-4358.3	9547	10.0	214621.4	-4349.8	9637	9.2	223025.0	-4303.1
9458	10.6	212040.3	-4341.0	9548	9.4	214649.4	-4311.1	9638	8.8	223110.0	-4330.2
9459	10.3	212041.3	-4322.0	9549	9.6	214748.9	-4321.4	9639	8.1	223205.5	-4355.3
9460	10.2	212108.8	-4305.4	9550	9.4	214800.4	-4353.5	9640	9.5	223216.0	-4329.4
9461	10.6	212141.8	-4345.5	9551	9.4	214804.9	-4326.6	9641	9.6	223222.0	-4314.2
9462	9.8	212149.3	-4313.3	9552	8.6	214816.4	-4309.5	9642	8.8	223245.0	-4320.4
9463	9.6	212154.8	-4315.7	9553	9.6	214818.4	-4309.1	9643	9.1	223255.5	-4318.9
9464	10.6	212231.3	-4310.5	9554	9.4	214928.4	-4337.2	9644	9.2	223401.5	-4301.9
9465	9.6	212253.8	-4306.0	9555	9.0	214939.4	-4316.4	9645	9.6	223440.5	-4311.1
9466	10.0	212303.8	-4304.7	9556	10.0	215001.4	-4330.9	9646	9.2	223515.5	-4332.4
9647	8.3	223521.5	-4350.0								
9648	9.2	223647.5	-4308.8								
9649	8.8	223650.5	-4307.9								
9650	9.2	223741.5	-4344.9								
9651	9.0	223844.0	-4304.8								
9652	9.6	223911.0	-4310.0								
9653	8.0	223933.0	-4311.4								
9654	9.6	223950.5	-4343.0								
9655	9.6	224000.5	-4358.4								
9656	9.6	224009.5	-4348.5								
9657	8.8	224026.5	-4332.7								
9658	8.9	224035.5	-4320.9								
9659	9.1	224115.5	-4306.6								
9660	9.4	224135.5	-4317.2								
9661	9.6	224237.3	-4329.0								
9662	9.6	224242.0	-4356.9								
9663	9.0	224255.8	-4319.3								
9664	8.8	224414.3	-4344.8								
9665	9.2	224416.3	-4348.3								
9666	7.5	224519.8	-4327.0								
9667	9.4	224558.8	-4321.4								
9668	9.2	224615.8	-4323.7								
9669	9.1	224618.8	-4336.4								
9670	9.6	224655.3	-4300.5								
9671	9.2	224705.8	-4340.6								
9672	9.6	224724.3	-4343.2								
9673	9.6	224750.8	-4313.3								
9674	9.2	224759.8	-4333.4								
9675	9.2	224806.8	-4332.6								
9676	8.0	224814.3	-4332.9								
9677	7.1	224846.0	-4313.1								
9678	9.2	224848.0	-4325.6								
9679	8.0	224856.5	-4348.6								
9680	9.2	224919.8	-4358.3								
9681	9.6	224924.5	-4342.0								
9682	9.4	224934.0	-4332.9								
9683	9.2	225035.0	-4329.7								
9684	9.5	225124.6	-4332.9								
9685	9.6	225143.9	-4339.5								
9686	9.3	225300.2	-4321.1								
9687	9.2	225325.2	-4329.0								
9688	9.6	225359.2	-4308.2								
9689	8.2	225423.7	-4306.8								
9690	9.4	225522.2	-4344.4								
9691	9.2	225527.2	-4327.6								
9692	9.2	225532.2	-4309.4								
9693	9.6	225606.7	-4332.8								
9694	7.5	225623.7	-4344.8								
9695	9.3	225700.2	-4338.8								
9696	7.8	225800.3	-4342.0								
9697	7.6	225839.8	-4345.2								
9698	8.8	225852.3	-4337.0								
9699	9.5	225904.3	-4312.9								
9700	9.6	225934.8	-4318.5								
9701	8.4	230024.8	-4338.9								
9702	9.4	230111.8	-4347.0								
9703	9.2	230124.8	-4348.8								
9704	9.6	230133.3	-4341.5								
9705	8.8	230142.3	-4349.3								
9706	8.4	230148.3	-4307.3								
9707	9.2	230155.8	-4312.6								
9708	9.4	230236.8	-4314.6								
9709	6.5	230300.3	-4332.2								
9710	9.3	230303.3	-4351.1								
9711	7.4	230319.3	-4325.8								
9712	8.4	230321.2	-4302.5								
9713	9.5	230324.3	-4330.8								
9714	9.4	230404.8	-4355.3								
9715	8.6	230420.3	-4339.3								
9716	9.4	230449.8	-4348.0								
9717	9.6	230510.3	-4336.6								
9718	8.4	230623.8	-4327.7								
9719	9.6	230712.3	-4333.0								
9720	8.0	230759.8	-4324.8								
9721	8.9	230801.1	-4358.8								
9722	8.4	230818.3	-4356.6								
9723	9.0	230844.8	-4322.3								
9724	8.8	230850.8	-4316.1								
9725	9.5	230905.3	-4330.5								
9726	9.6	230955.3	-4356.3								
9727	9.6	230958.3	-4305.6								
9728	9.5	231200.3	-4316.8								
9729	9.0	231209.3	-4351.6								
9730	7.6	231330.3	-4350.0								
9731	9.3	231429.4	-4332.0								
9732	9.4	231443.4	-4332.5								
9733	9.5	231449.4	-4311.5								
9734	8.4	231459.4	-4331.4								
9735	10.2	231513.4	-4301.9								
9736	7.2	231521.4	-4352.2								

-43 9737 23h16m

-44 281 2h25m

9737	8.4	231617.3	-4331.7	12	10.2	00439.1	-4443.1	102	8.9	04449.7	-4449.2	192	10.2	12928.6	-4419.2
9738	7.0	231653.3	-4348.7	13	9.4	00636.6	-4415.9	103	10.2	04456.5	-4403.5	193	10.2	12929.6	-4434.9
9739	8.4	231703.3	-4314.7	14	8.6	00644.1	-4407.3	104	9.5	04520.5	-4429.8	194	9.2	12944.6	-4411.1
9740	9.3	231721.3	-4339.3	15	10.2	00712.7	-4424.1	105	9.2	04536.0	-4416.2	195	9.6	12956.1	-4410.0
9741	8.9	231730.3	-4315.3	16	9.4	00717.7	-4421.3	106	8.8	04544.0	-4426.9	196	10.2	13044.7	-4403.3
9742	9.2	231824.4	-4354.0	17	10.2	00728.2	-4435.7	107	6.8	04601.0	-4423.3	197	9.0	13047.2	-4456.7
9743	7.9	231850.4	-4335.1	18	9.2	00803.7	-4450.4	108	8.3	04705.5	-4435.4	198	8.6	13049.7	-4443.6
9744	9.9	232004.9	-4315.1	19	9.8	00804.2	-4412.5	109	9.0	04718.5	-4426.8	199	9.8	13119.7	-4440.6
9745	8.6	232005.4	-4329.6	20	8.5	00823.2	-4431.5	110	9.8	04727.0	-4405.7	200	10.0	13208.7	-4445.1
9746	9.8	232150.9	-4327.3	21	10.2	00930.2	-4417.8	111	10.2	04845.0	-4400.0	201	9.4	13239.7	-4408.6
9747	9.4	232318.9	-4309.9	22	9.4	00933.7	-4448.0	112	10.2	04847.0	-4432.5	202	10.2	13250.2	-4400.6
9748	9.9	232320.0	-4339.8	23	7.9	01008.7	-4428.5	113	10.2	04945.4	-4419.4	203	10.2	13259.7	-4411.7
9749	9.9	232357.5	-4304.4	24	8.4	01019.7	-4433.1	114	10.2	05009.0	-4430.2	204	10.2	13306.2	-4423.4
9750	9.9	232401.0	-4353.6	25	8.6	01038.7	-4414.0	115	10.2	05144.5	-4413.4	205	9.8	13320.7	-4435.0
9751	9.7	232429.0	-4359.4	26	9.6	01050.2	-4428.9	116	8.2	05211.5	-4408.0	206	10.2	13339.7	-4454.7
9752	9.6	232532.0	-4337.9	27	7.8	01058.7	-4432.8	117	10.2	05212.4	-4427.3	207	10.2	13411.2	-4442.4
9753	9.9	232542.0	-4325.1	28	10.0	01115.7	-4432.0	118	8.0	05220.5	-4448.6	208	10.2	13446.7	-4459.9
9754	9.8	232644.0	-4337.8	29	9.2	01117.7	-4439.0	119	8.6	05228.8	-4401.2	209	10.2	13454.7	-4438.0
9755	9.9	232706.8	-4358.6	30	10.2	01149.1	-4406.3	120	9.4	05254.5	-4436.8	210	9.0	13457.7	-4429.8
9756	9.9	232740.0	-4333.2	31	8.3	01153.6	-4439.9	121	10.0	05312.0	-4428.8	211	9.0	13545.9	-4430.6
9757	6.3	232806.0	-4322.5	32	9.8	01250.6	-4414.0	122	8.9	05405.5	-4453.0	212	9.8	13647.7	-4411.4
9758	5.4	232820.6	-4318.2	33	9.8	01300.3	-4431.8	123	9.4	05409.5	-4431.1	213	10.0	13841.2	-4444.4
9759	9.6	232835.6	-4343.2	34	10.2	01302.1	-4436.9	124	9.8	05440.0	-4400.9	214	8.1	13940.1	-4416.4
9760	9.8	232854.6	-4304.7	35	9.6	01311.1	-4403.8	125	10.2	05532.5	-4412.9	215	10.0	14002.6	-4456.3
9761	9.2	232856.6	-4327.3	36	10.2	01316.6	-4446.0	126	10.2	05545.0	-4402.9	216	10.0	14019.6	-4456.2
9762	9.9	232858.4	-4334.8	37	9.8	01332.1	-4410.4	127	10.2	05610.0	-4426.9	217	9.6	14039.6	-4434.8
9763	9.4	232858.6	-4350.5	38	10.2	01338.6	-4415.0	128	10.2	05630.5	-4455.5	218	9.6	14039.6	-4435.1
9764	9.9	232901.1	-4301.9	39	9.8	01453.9	-4432.6	129	9.4	05632.5	-4444.5	219	8.5	14045.6	-4432.4
9765	9.0	232902.6	-4349.3	40	8.6	01601.7	-4434.5	130	7.8	05641.5	-4446.3	220	7.8	14228.6	-4435.7
9766	9.9	232926.1	-4335.1	41	9.4	01604.2	-4435.0	131	9.5	05659.0	-4402.0	221	10.0	14234.6	-4436.6
9767	8.6	232954.6	-4349.5	42	9.2	01741.0	-4459.3	132	10.2	05708.0	-4455.5	222	8.5	14303.6	-4457.5
9768	8.8	233002.1	-4303.2	43	8.8	01805.2	-4450.0	133	8.4	05754.5	-4454.9	223	8.0	14325.6	-4443.6
9769	9.4	233125.6	-4340.6	44	9.6	01837.7	-4420.2	134	9.2	05757.0	-4450.1	224	10.0	14354.6	-4425.1
9770	9.2	233246.6	-4333.7	45	8.2	01933.0	-4432.5	135	10.2	05819.0	-4457.6	225	8.2	14405.9	-4451.9
9771	9.2	233320.6	-4318.6	46	9.8	02002.0	-4443.2	136	8.9	05949.0	-4408.7	226	10.0	14531.6	-4446.6
9772	8.5	233342.8	-4357.2	47	4.2	02003.0	-4422.2	137	9.8	10044.5	-4455.6	227	8.8	14558.6	-4444.0
9773	9.8	233344.6	-4327.9	48	9.8	02140.0	-4453.0	138	9.4	10158.5	-4448.9	228	9.2	14703.1	-4419.9
9774	9.8	233350.6	-4319.1	49	9.3	02209.5	-4425.5	139	7.8	10204.5	-4427.4	229	10.0	14852.1	-4433.9
9775	9.0	233436.1	-4350.5	50	9.8	02215.0	-4408.0	140	9.8	10234.0	-4455.9	230	9.2	15033.6	-4427.7
9776	8.6	233454.1	-4332.6	51	9.8	02221.5	-4406.4	141	10.2	10241.5	-4402.0	231	9.8	15050.6	-4454.3
9777	9.9	233534.6	-4334.7	52	9.8	02232.0	-4429.4	142	9.4	10321.5	-4426.6	232	8.9	15201.6	-4403.8
9778	9.8	233631.6	-4333.3	53	9.3	02323.0	-4441.6	143	10.2	10425.0	-4456.2	233	10.0	15305.1	-4403.3
9779	9.4	233710.6	-4356.5	54	9.0	02332.0	-4424.8	144	9.2	10431.0	-4444.6	234	8.6	15355.6	-4431.6
9780	7.3	233738.1	-4343.1	55	9.8	02334.5	-4425.6	145	10.2	10440.0	-4432.6	235	7.8	15549.6	-4426.1
9781	9.9	233810.1	-4312.0	56	8.6	02347.0	-4446.4	146	9.8	10451.5	-4411.3	236	10.0	15655.1	-4416.1
9782	9.9	233859.6	-4316.1	57	9.8	02433.5	-4410.2	147	9.8	10539.0	-4413.2	237	10.0	15655.6	-4406.9
9783	8.6	233916.9	-4302.1	58	8.9	02456.4	-4402.8	148	10.2	10546.0	-4406.2	238	8.7	15807.1	-4412.6
9784	9.7	233931.0	-4313.8	59	7.2	02514.1	-4417.8	149	8.8	10551.5	-4423.6	239	8.5	15858.1	-4436.1
9785	9.2	233948.8	-4356.9	60	9.8	02530.6	-4419.7	150	8.2	10640.5	-4424.0	240	7.8	15920.6	-4406.4
9786	9.9	234205.0	-4324.9	61	8.6	02627.6	-4445.4	151	10.0	10709.8	-4400.7	241	10.0	20121.6	-4441.3
9787	9.6	234208.5	-4353.9	62	9.8	02710.6	-4428.1	152	9.4	10714.8	-4425.9	242	9.2	20305.1	-4456.9
9788	9.7	234239.8	-4301.2	63	9.8	02733.6	-4430.7	153	10.2	10724.3	-4420.2	243	10.0	20338.4	-4423.8
9789	9.9	234311.5	-4358.8	64	9.8	02745.4	-4413.0	154	9.6	10807.8	-4427.0	244	10.0	20347.4	-4404.1
9790	9.6	234420.0	-4347.2	65	9.8	02749.1	-4447.0	155	9.6	10825.0	-4410.0	245	10.0	20355.6	-4435.2
9791	7.4	234449.0	-4304.0	66	8.6	02800.6	-4446.1	156	10.2	10933.2	-4456.0	246	6.3	20409.6	-4406.4
9792	9.8	234503.0	-4337.0	67	9.0	02915.1	-4440.8	157	9.6	10944.3	-4431.6	247	6.7	20505.4	-4424.3
9793	9.7	234508.5	-4327.2	68	9.3	02941.6	-4408.8	158	10.2	10949.5	-4439.0	248	8.8	20557.6	-4423.8
9794	9.2	234509.5	-4348.5	69	9.8	02952.1	-4426.4	159	10.2	11030.0	-4441.2	249	9.0	20641.6	-4410.0
9795	7.6	234514.5	-4322.1	70	9.8	03030.1	-4442.3	160	9.4	11119.7	-4441.7	250	9.1	20654.1	-4403.6
9796	10.2	234647.2	-4312.0	71	9.6	03047.3	-4415.9	161	9.0	11203.2	-4436.9	251	8.6	20729.6	-4457.4
9797	10.2	234653.7	-4331.0	72	9.8	03121.3	-4458.1	162	7.9	11251.7	-4451.3	252	9.0	20859.6	-4451.3
9798	9.6	234716.2	-4346.6	73	9.8	03141.3	-4436.1	163	10.2	11308.7	-4431.6	253	9.8	20907.6	-4440.0
9799	10.2	234746.1	-4301.4	74	9.6	03155.3	-4439.1	164	9.8	11317.2	-4420.2	254	10.0	20927.3	-4457.0
9800	10.2	234803.2	-4332.0	75	9.4	03220.3	-4447.6	165	8.4	11342.2	-4416.7	255	8.8	21001.6	-4408.2
9801	9.6	234912.2	-4349.7	76	9.8	03229.8	-4455.7	166	10.2	11403.7	-4431.3	256	8.5	21038.6	-4415.2
9802	8.0	234930.7	-4332.6	77	9.2	03237.3	-4441.7	167	9.4	11421.2	-4439.2	257	10.0	21109.8	-4427.1
9803	8.6	235001.5	-4359.2	78	9.3	03318.3	-4433.3	168	10.2	11439.1	-4406.1	258	10.0	21114.2	-4400.6
9804	10.0	235019.7	-4330.5	79	9.8	03324.8	-4440.3	169	10.0	11441.1	-4434.4	259	10.0	21123.7	-4411.8
9805	8.5	235054.2	-4308.4	80	9.8	03327.8	-4431.8	170	10.2	11533.6	-4450.0	260	8.8	21320.7	-4431.1
9806	9.2	235057.7	-4343.8	81	9.8	03342.3	-4440.6	171	6.7	11653.1	-4415.4	261	9.8	21449.7	-4424.0
9807	10.2	235057.7	-4307.8	82	9.8	03344.2	-4416.8	172	9.4	11709.6	-4405.0	262	10.0	21518.2	-4429.0
9808	10.2	235256.1	-4344.1	83	8.6	03555.3	-4417.5	173	9.2	11817.6	-4407.8	263	8.0	21529.2	-4438.0
9809	8.5	235435.6	-4316.0	84	9.6	03600.3	-4400.1	174	10.2	11850.6	-4407.2	264	10.0	21634.7	-4449.1
9810	9.0	235732.6	-4353.1	85	9.8	03623.3	-4403.8	175	10.2	11909.6	-4406.5	265	8.8	21718.7	-4411.1
9811	8.6	235845.1	-4315.7	86	9.2	03640.3	-4412.3	176	10.2	12024.6	-4419.4	266	9.4	21728.2	-4404.5
9812	10.2	235850.6	-4347.1	87	9.8	03651.4	-4415.6	177	10.2	12027.6	-4432.1	267	10.0	21823.8	-4432.0
9813	8.0	235905.1	-4334.9	88	9.4	03714.4	-4438.0	178	9.0	12206.6	-4434.7	268	9.8	21928.0	-4457.4
9814	10.0	235911.6	-4334.4	89	8.6	03728.9	-4448.5	179	9.8	12239.6	-4437.3	269	8.6	21933.5	-4453.7
9815	10.0	235950.8	-4308.4	90	9.2	03824.4	-4412.8	180	10.0	12528.6	-4413.8	270	10.0	21949.8	-4438.4
1	9.8	00005.4	-4435.9	91	9.6	03825.9	-4455.6	181	10.2	12531.1	-4407.9	271	10.0	21959.8	-4438.3
2	9.2	00006.4	-4419.3	92	9.4	03839.7	-4429.8	182	7.6	12609.6	-4429.3	272	9.8	22136.5	-4455.3
3	7.6	00034.4	-4440.9	93	9.6	03912.4	-4450.6	183	10.2	12714.6	-4429.8	273	9.8	22210.5	-4440.0
4	9.8	00123.4	-4446.6	94	8.9	03919.4	-4414.8	184	9.0	12729.6	-4440.2	274	10.0	22215.0	-4446.6
5	9.0	00138.1	-4409.0	95	8.2	04011.3	-4447.2	185	8.4	12756.1	-4447.5	275	10.0	22243.0	-4405.2
6	9.4	00152.1	-4420.3	96	9.2	04024.9	-4443.9	186	10.2	12759.6	-4419.1	276	9.4	22257.0	-4438.9
7	8.6	00205.1	-4458.2	97	9.4	04125.1	-4401.9	187	7.9	12802.6	-4432.7	277	9.0	22349.0	-4447.3
8	9.8	00223.6	-4424.0	98	10.2	04143.4	-4414.0	188	8.6	12831.2	-4459.5	278	10.0	22400.0	-4421.1
9	9.2	00246.6	-4459.9	99	8.4	04218.7	-4427.2	189	9.4	12846.6	-4434.1	279	9.2	22403.5	-4440.3
10	9.4	00345.6	-4452.2	100	8.7	04402.7	-4440.1	190	10.2	12847.1	-4442.9	280	9.4	22404.0	-4455.8
11	8.5	00402.1	-4413.1	101	6.8	04411.7	-4404.6	191	10.2	12923.6	-4436.3	281	10.0	22544.0	-4415.7

282	10.0	22550.5	-4417.1	372	7.8	32804.9	-4449.9	462	10.2	41451.3	-4423.0	552	9.4	44730.9	-4425.5
283	9.1	22625.0	-4409.5	373	9.1	32829.9	-4421.9	463	10.2	41516.3	-4442.6	553	9.2	44740.4	-4438.2
284	9.8	22644.0	-4455.0	374	9.9	32921.7	-4415.9	464	6.8	41519.3	-4434.1	554	9.2	44741.4	-4440.8
285	8.8	22937.1	-4420.0	375	9.9	32942.2	-4407.9	465	10.4	41523.7	-4401.6	555	9.8	44812.4	-4427.4
286	10.0	23124.1	-4408.6	376	9.6	33130.2	-4415.5	466	8.3	41525.8	-4434.6	556	9.8	44848.4	-4453.1
287	9.4	23158.9	-4405.4	377	7.3	33134.7	-4407.9	467	9.4	41642.8	-4435.7	557	9.8	44849.5	-4422.2
288	10.0	23203.1	-4429.7	378	9.9	33243.6	-4449.0	468	9.0	41719.8	-4445.1	558	9.8	44906.9	-4416.0
289	9.8	23233.4	-4406.9	379	8.3	33303.7	-4453.0	469	10.0	41727.8	-4440.4	559	8.8	44917.2	-4446.1
290	8.6	23257.4	-4413.1	380	9.7	33306.7	-4454.0	470	10.0	41729.8	-4439.1	560	9.7	44959.2	-4404.9
291	9.6	23300.9	-4406.9	381	9.7	33450.7	-4421.5	471	10.0	41729.8	-4419.1	561	9.8	45019.9	-4452.2
292	9.8	23302.6	-4401.5	382	9.9	33451.2	-4437.3	472	8.6	41824.8	-4406.0	562	9.8	45024.2	-4448.8
293	8.7	23311.9	-4425.9	383	9.0	33701.7	-4459.5	473	10.4	41833.8	-4429.8	563	9.4	45043.5	-4457.8
294	8.4	23403.7	-4441.8	384	9.8	33701.7	-4402.4	474	9.8	41845.8	-4409.0	564	9.4	45146.7	-4423.5
295	7.9	23435.2	-4420.4	385	8.3	33737.7	-4409.9	475	10.3	41851.8	-4450.5	565	9.8	45159.0	-4407.0
296	9.8	23522.2	-4414.4	386	9.4	33811.4	-4458.0	476	10.4	42004.3	-4414.5	566	9.7	45205.0	-4422.6
297	9.6	23648.6	-4410.1	387	8.8	34014.1	-4405.7	477	7.3	42034.3	-4418.5	567	9.9	45220.5	-4431.5
298	9.2	24028.6	-4401.9	388	9.2	34024.1	-4454.6	478	6.4	42123.3	-4426.8	568	8.2	45302.0	-4423.2
299	9.5	24134.1	-4416.4	389	9.1	34038.6	-4400.8	479	9.4	42150.3	-4439.5	569	9.8	45331.5	-4404.5
300	8.7	24334.1	-4406.0	390	9.2	34110.1	-4446.6	480	10.0	42213.5	-4452.8	570	8.8	45350.0	-4430.4
301	9.8	24354.1	-4454.7	391	9.2	34223.6	-4453.4	481	9.4	42253.7	-4456.3	571	8.8	45405.0	-4449.3
302	8.4	24414.1	-4424.7	392	9.8	34240.1	-4434.0	482	9.2	42310.5	-4446.1	572	8.1	45440.0	-4446.0
303	9.8	24428.1	-4425.8	393	8.4	34246.6	-4411.6	483	10.4	42310.8	-4417.5	573	9.4	45445.5	-4413.9
304	9.8	24432.1	-4440.1	394	9.2	34323.1	-4449.1	484	10.4	42315.5	-4414.6	574	8.8	45509.0	-4452.0
305	9.4	24602.1	-4404.1	395	8.8	34352.6	-4435.1	485	10.2	42318.5	-4417.0	575	9.3	45524.0	-4439.9
306	7.9	24607.1	-4435.3	396	8.4	34518.1	-4443.4	486	10.4	42338.8	-4443.1	576	9.6	45540.0	-4446.0
307	9.5	24709.6	-4427.0	397	8.8	34530.1	-4408.6	487	9.8	42353.9	-4429.3	577	9.7	45550.0	-4415.6
308	9.2	24739.6	-4435.7	398	9.9	34609.6	-4432.8	488	9.8	42357.7	-4459.2	578	9.8	45600.0	-4426.6
309	8.6	24748.6	-4447.6	399	8.0	34651.6	-4426.8	489	9.8	42454.6	-4447.0	579	9.9	45601.0	-4418.9
310	9.8	24817.6	-4402.1	400	7.8	34657.6	-4444.6	490	9.6	42511.6	-4420.6	580	9.9	45625.0	-4420.5
311	9.4	24954.6	-4439.1	401	9.8	34731.1	-4452.9	491	9.8	42540.1	-4427.5	581	9.7	45643.0	-4408.6
312	9.5	25209.0	-4455.0	402	9.3	34735.6	-4404.8	492	9.8	42637.1	-4416.4	582	9.6	45706.0	-4456.7
313	9.8	25335.0	-4445.3	403	9.4	34816.6	-4433.2	493	9.8	42653.6	-4449.3	583	8.1	45712.5	-4459.7
314	9.8	25420.0	-4424.3	404	8.3	34821.6	-4432.3	494	9.6	42659.6	-4434.3	584	9.8	45903.0	-4421.8
315	9.8	25424.0	-4458.1	405	9.9	34946.6	-4414.7	495	9.8	42706.1	-4414.2	585	8.4	45915.0	-4459.7
316	7.6	25427.5	-44 4.5	406	9.9	35127.1	-4419.6	496	8.3	42708.6	-4432.5	586	9.6	50018.0	-4432.3
317	8.3	25451.0	-4406.8	407	9.9	35139.4	-4433.3	497	8.8	42722.1	-4426.2	587	9.7	50056.0	-4441.5
318	9.8	25650.0	-4441.9	408	9.7	35210.6	-4450.6	498	9.8	42726.4	-4440.5	588	8.8	50103.0	-4420.2
319	8.7	25734.0	-4452.6	409	9.8	35219.1	-4446.2	499	9.4	42742.9	-4428.1	589	9.8	50104.5	-4438.7
320	9.6	25845.0	-4403.1	410	9.8	35242.8	-4458.8	500	9.6	42802.4	-4422.9	590	9.4	50104.5	-4428.1
321	9.6	25850.6	-4457.9	411	8.8	35309.1	-4434.9	501	8.8	42825.9	-4413.3	591	8.8	50110.0	-4436.9
322	7.9	25857.3	-4432.5	412	9.3	35331.6	-4415.5	502	9.6	43017.4	-4423.7	592	9.8	50148.0	-4405.2
323	9.8	25919.0	-4447.7	413	9.4	35405.6	-4421.7	503	9.0	43120.9	-4415.3	593	9.9	50206.5	-4452.1
324	7.6	25926.7	-4423.2	414	8.8	35440.4	-4438.9	504	9.8	43317.9	-4405.5	594	8.2	50211.0	-4456.9
325	9.2	30024.5	-4444.1	415	9.4	35449.7	-4451.2	505	7.8	43420.4	-4452.7	595	9.9	50220.0	-4442.9
326	8.3	30114.0	-4423.3	416	7.3	35515.1	-4416.3	506	9.8	43446.4	-4454.3	596	9.9	50224.5	-4413.4
327	9.8	30244.5	-4420.5	417	9.9	35535.3	-4437.1	507	8.8	43634.6	-4458.9	597	9.9	50259.0	-4440.4
328	9.1	30309.7	-4457.4	418	10.4	35600.2	-4451.1	508	9.7	43720.9	-4404.3	598	9.9	50301.5	-4409.7
329	9.8	30328.5	-4404.7	419	8.6	35626.3	-4450.7	509	8.8	43736.9	-4408.2	599	9.9	50305.0	-4435.2
330	9.8	30404.5	-4419.0	420	8.1	35705.8	-4447.9	510	9.8	43755.9	-4434.9	600	9.9	50316.0	-4426.2
331	8.6	30407.0	-4447.6	421	9.4	35819.3	-4411.0	511	9.2	43802.9	-4455.9	601	7.0	50344.0	-4459.3
332	9.6	30411.5	-4420.3	422	8.1	35847.8	-4438.6	512	8.6	43824.9	-4444.0	602	8.8	50351.5	-4408.0
333	8.2	30414.5	-4442.0	423	8.0	35858.3	-4444.1	513	9.7	43828.9	-4409.3	603	9.3	50410.0	-4424.2
334	8.6	30457.0	-4456.6	424	10.0	35901.8	-4431.9	514	9.2	43830.9	-4435.1	604	8.8	50433.5	-4459.0
335	8.1	30545.0	-4411.7	425	8.8	35903.3	-4456.3	515	9.6	43834.9	-4424.7	605	9.9	50521.5	-4454.2
336	9.8	30614.0	-4402.2	426	8.6	35926.3	-4428.9	516	9.8	43835.4	-4416.7	606	9.9	50536.5	-4403.5
337	9.8	30641.5	-4406.5	427	9.0	35944.3	-4448.0	517	8.6	43839.9	-4453.2	607	9.9	50539.5	-4414.5
338	6.4	30802.0	-4453.4	428	8.1	35944.8	-4449.4	518	9.7	43906.9	-4425.5	608	7.8	50555.0	-4429.7
339	9.6	30850.0	-4423.0	429	10.4	40019.3	-4432.1	519	9.4	43911.4	-4427.3	609	9.6	50558.5	-4409.0
340	9.8	30959.5	-4407.1	430	10.4	40037.8	-4410.0	520	9.8	43922.4	-4446.3	610	9.9	50607.5	-4426.6
341	9.8	31021.0	-4443.0	431	10.4	40048.8	-4408.3	521	9.6	44016.4	-4420.5	611	9.0	50632.5	-4414.2
342	8.0	31034.5	-4435.0	432	10.2	40059.3	-4438.5	522	9.8	44035.9	-4437.1	612	9.2	50650.8	-4459.9
343	9.4	31204.0	-4449.1	433	9.8	40147.8	-4428.6	523	8.8	44041.9	-4438.9	613	8.8	50659.0	-4443.9
344	9.8	31241.5	-4453.2	434	10.4	40236.8	-4431.1	524	8.4	44059.9	-4446.9	614	8.8	50709.0	-4444.3
345	9.8	31244.5	-4421.0	435	9.2	40322.8	-4419.8	525	8.6	44145.9	-4407.5	615	9.8	50728.5	-4435.7
346	9.4	31425.0	-4445.9	436	10.2	40559.3	-4449.7	526	9.0	44150.4	-4447.1	616	8.6	50742.0	-4405.9
347	9.2	31432.0	-4438.8	437	10.4	40605.8	-4405.2	527	8.3	44205.9	-4430.7	617	9.9	50746.0	-4437.8
348	8.6	31437.0	-4438.4	438	10.4	40618.3	-4407.0	528	9.8	44216.9	-4414.4	618	9.6	50756.5	-4407.9
349	8.9	31518.5	-4441.8	439	10.4	40735.3	-4437.4	529	8.6	44239.4	-4428.9	619	9.3	50821.0	-4449.5
350	9.8	31521.0	-4428.6	440	8.8	40740.0	-4457.5	530	9.8	44253.9	-4452.0	620	9.6	50842.0	-4436.4
351	9.6	31628.0	-4419.8	441	10.4	40812.3	-4452.6	531	9.8	44308.9	-4433.5	621	9.7	50910.0	-4400.1
352	9.6	31702.5	-4423.1	442	8.6	40822.8	-4431.0	532	9.8	44323.9	-4428.3	622	9.6	50945.0	-4408.9
353	8.0	31819.4	-4434.6	443	10.2	40825.3	-4405.0	533	9.8	44344.9	-4441.7	623	9.6	51000.0	-4429.5
354	9.1	31830.4	-4443.9	444	7.6	40832.8	-4441.2	534	9.7	44344.9	-4434.7	624	9.9	51001.0	-4448.3
355	9.8	31843.6	-4400.0	445	8.6	40838.8	-4411.6	535	7.8	44350.9	-4429.2	625	9.9	51004.0	-4407.6
356	7.8	31853.9	-4440.7	446	9.4	40846.8	-4421.1	536	9.6	44355.4	-4435.9	626	9.4	51014.5	-4405.6
357	9.8	32014.9	-4422.5	447	10.4	40908.3	-4406.7	537	9.8	44401.2	-4422.4	627	9.8	51016.5	-4440.1
358	9.2	32103.7	-4458.2	448	10.2	40957.8	-4426.7	538	9.6	44411.4	-4405.7	628	9.8	51039.5	-4445.8
359	8.8	32141.9	-4433.2	449	10.2	41031.8	-4414.1	539	9.4	44424.4	-4452.1	629	8.2	51050.5	-4421.8
360	8.6	32154.4	-4415.2	450	10.2	41125.8	-4430.8	540	7.6	44443.4	-4412.0	630	9.9	51116.5	-4423.6
361	8.6	32214.4	-4403.0	451	8.5	41126.3	-4455.5	541	9.8	44515.4	-4429.2	631	9.9	51121.0	-4401.3
362	9.4	32244.9	-4408.9	452	9.6	41147.8	-4459.3	542	8.8	44522.2	-4457.6	632	9.9	51144.5	-4410.1
363	9.2	32301.9	-4425.4	453	10.4	41209.3	-4422.9	543	8.8	44540.9	-4416.9	633	9.2	51203.5	-4451.3
364	6.7	32325.4	-4417.4	454	8.5	41239.8	-4443.1	544	9.7	44541.4	-4404.8	634	9.4	51209.0	-4441.8
365	9.8	32342.9	-4413.0	455	8.6	41247.8	-4436.0	545	9.2	44544.9	-4442.1	635	9.6	51209.0	-4433.1
366	8.6	32355.4	-4405.2	456	10.4	41308.8	-4412.6	546	9.8	44558.2	-4454.0	636	9.2	51230.0	-4404.7
367	8.8	32416.9	-4440.6	457	10.0	41319.8	-4445.9	547	9.7	44559.4	-4434.3	637	9.9	51258.5	-4404.8
368	9.2	32607.9	-4433.8	458	10.0	41332.3	-4437.1	548	9.8	44614.9	-4455.3	638	9.4	51300.0	-4457.7
369	9.6	32643.9	-4449.4	459	10.4	41421.8	-4409.5	549	8.8	44700.9	-4436.1	639	8.8	51343.5	-4454.2
370	8.2	32707.3	-4415.5	460	8.6	41434.3	-4422.2	550	8.6	44714.9	-4405.3	640	9.9	51415.0	-4417.0
371	9.4	32727.3	-4457.1	461	10.4	41447.3	-4429.5	551	8.4	44720.9	-4429.6	641	9.9	51456.0	-4456.9

-44 642 5h17m

-44 1001 6h33m

642	9.8	51720.0	-4417.9	732	9.6	54539.4	-4440.7	822	10.4	61137.2	-4415.8	912	10.2	62408.6	-4415.8
643	9.9	51729.0	-4456.9	733	8.0	54543.4	-4443.3	823	10.0	61146.2	-4435.5	913	9.5	62415.1	-4427.3
644	7.8	51747.0	-4429.8	734	7.5	54556.9	-4454.8	824	9.6	61149.2	-4446.8	914	10.2	62419.1	-4406.1
645	9.9	51750.0	-4420.4	735	10.2	54625.9	-4425.1	825	10.4	61152.2	-4415.9	915	8.6	62421.1	-4430.6
646	9.6	51756.0	-4408.8	736	10.4	54709.7	-4416.9	826	9.5	61153.2	-4405.1	916	8.8	62431.6	-4442.8
647	9.9	51812.5	-4405.2	737	9.1	54719.2	-4414.2	827	9.8	61154.2	-4414.0	917	8.2	62453.6	-4415.9
648	8.8	51825.0	-4420.0	738	10.4	54730.5	-4422.3	828	9.5	61200.2	-4401.8	918	9.9	62516.6	-4425.7
649	9.2	51841.5	-4404.1	739	8.5	54748.7	-4433.5	829	10.4	61203.2	-4448.2	919	10.2	62517.1	-4436.1
650	9.9	51850.2	-4411.1	740	10.0	54803.7	-4421.9	830	9.0	61214.7	-4422.9	920	8.4	62519.1	-4432.5
651	10.2	51927.2	-4419.9	741	8.3	54804.2	-4402.8	831	8.4	61217.7	-4434.6	921	10.0	62530.6	-4405.3
652	10.0	51954.7	-4451.3	742	9.8	54814.7	-4440.9	832	9.6	61224.7	-4449.0	922	10.2	62535.1	-4453.2
653	9.4	52046.2	-4429.5	743	10.4	54905.8	-4458.4	833	9.8	61230.2	-4434.1	923	8.8	62547.1	-4429.3
654	10.2	52051.2	-4410.2	744	9.0	55034.7	-4441.4	834	10.4	61255.2	-4435.6	924	9.4	62549.1	-4409.5
655	10.2	52105.2	-4409.6	745	10.4	55114.7	-4456.5	835	10.2	61312.2	-4402.9	925	9.2	62614.6	-4445.3
656	7.3	52112.2	-4420.2	746	8.6	55134.7	-4434.9	836	10.4	61317.2	-4443.6	926	9.1	62616.6	-4413.1
657	8.8	52121.2	-4435.9	747	9.2	55159.7	-4447.7	837	10.4	61320.2	-4420.0	927	9.8	62634.1	-4423.2
658	9.2	52142.2	-4432.2	748	8.4	55206.7	-4419.5	838	9.8	61332.9	-4456.2	928	10.0	62639.1	-4433.3
659	10.2	52143.2	-4430.2	749	10.2	55236.2	-4422.9	839	9.6	61339.9	-4443.0	929	10.0	62648.1	-4426.5
660	9.9	52145.2	-4415.9	750	10.4	55249.7	-4417.9	840	10.0	61343.0	-4400.4	930	9.6	62653.1	-4448.1
661	9.7	52157.0	-4432.7	751	7.3	55311.2	-4401.6	841	9.9	61419.0	-4433.8	931	10.2	62658.6	-4415.3
662	8.9	52209.5	-4415.7	752	9.8	55331.2	-4456.7	842	10.2	61439.4	-4428.3	932	9.4	62720.6	-4416.3
663	9.9	52212.0	-4456.1	753	10.4	55331.9	-4400.7	843	10.2	61443.9	-4446.2	933	10.2	62725.1	-4429.3
664	10.2	52231.0	-4406.3	754	10.0	55416.2	-4432.4	844	9.9	61454.4	-4458.1	934	9.9	62728.6	-4446.7
665	10.2	52320.0	-4415.9	755	10.4	55437.2	-4417.4	845	10.2	61528.4	-4434.1	935	9.6	62739.1	-4421.7
666	8.0	52327.0	-4458.2	756	10.4	55443.7	-4431.0	846	10.2	61544.4	-4455.3	936	10.2	62745.1	-4404.5
667	9.2	52405.0	-4405.4	757	9.4	55452.2	-4404.4	847	10.2	61548.4	-4450.9	937	8.4	62746.1	-4447.3
668	10.2	52411.0	-4431.9	758	7.4	55455.0	-4402.6	848	8.6	61549.9	-4409.8	938	10.0	62749.1	-4435.0
669	9.6	52419.0	-4433.8	759	10.4	55504.2	-4406.3	849	9.8	61559.4	-4433.8	939	10.2	62754.6	-4426.6
670	10.2	52422.0	-4430.0	760	10.4	55511.2	-4456.2	850	10.0	61605.4	-4453.5	940	9.2	62802.6	-4413.3
671	10.2	52452.5	-4429.9	761	10.4	55542.7	-4455.4	851	10.2	61613.9	-4447.9	941	10.2	62802.6	-4456.4
672	10.2	52510.0	-4409.1	762	10.2	55619.2	-4417.8	852	9.6	61620.9	-4433.6	942	10.2	62811.9	-4440.7
673	9.0	52544.5	-4422.9	763	10.4	55623.6	-4401.7	853	9.2	61632.4	-4435.2	943	10.2	62814.9	-4424.0
674	8.5	52555.0	-4452.5	764	8.5	55626.2	-4416.7	854	9.8	61633.9	-4431.1	944	9.9	62815.4	-4420.0
675	10.0	52630.5	-4447.9	765	7.4	55635.2	-4400.6	855	9.4	61639.4	-4456.0	945	9.8	62821.4	-4429.4
676	10.2	52634.5	-4448.6	766	9.0	55703.7	-4454.1	856	10.0	61649.9	-4442.3	946	10.0	62828.9	-4443.1
677	9.8	52637.5	-4422.4	767	10.0	55713.2	-4437.0	857	10.2	61658.4	-4440.3	947	10.2	62838.9	-4458.5
678	10.2	52639.5	-4436.2	768	8.0	55718.2	-4418.5	858	8.2	61705.9	-4444.1	948	9.8	62838.9	-4447.6
679	9.9	52724.5	-4420.9	769	10.4	55736.2	-4434.9	859	9.4	61718.9	-4436.9	949	9.6	62842.9	-4454.3
680	9.6	52734.5	-4410.6	770	10.4	55809.2	-4419.1	860	9.6	61726.4	-4430.5	950	9.8	62847.9	-4426.1
681	10.0	52818.5	-4437.4	771	10.0	55831.7	-4422.8	861	10.0	61730.9	-4437.1	951	9.9	62849.4	-4409.2
682	9.9	52843.5	-4409.0	772	8.8	55832.7	-4401.0	862	7.6	61731.9	-4441.9	952	7.3	62853.4	-4407.6
683	9.6	52935.0	-4412.2	773	10.4	55858.7	-4405.7	863	8.2	61740.4	-4442.9	953	10.2	62900.9	-4439.6
684	10.2	53011.0	-4408.2	774	9.4	55935.8	-4459.5	864	10.2	61748.1	-4401.3	954	9.2	62908.9	-4427.2
685	10.2	53015.0	-4441.3	775	8.8	55939.7	-4452.0	865	10.0	61825.9	-4426.5	955	8.4	62912.4	-4413.8
686	10.0	53139.5	-4458.6	776	10.4	60012.2	-4436.6	866	10.2	61830.0	-4459.3	956	10.2	62924.4	-4428.3
687	9.6	53142.5	-4425.2	777	10.0	60019.2	-4443.7	867	9.8	61833.4	-4416.2	957	10.2	62929.9	-4425.6
688	9.7	53211.0	-4412.6	778	9.0	60036.2	-4407.4	868	10.2	61834.9	-4410.3	958	10.2	62945.9	-4425.1
689	9.9	53239.5	-4449.0	779	9.4	60038.2	-4455.9	869	9.9	61851.9	-4437.7	959	8.8	62949.4	-4458.1
690	8.5	53241.0	-4406.9	780	10.4	60041.2	-4456.3	870	10.2	61852.9	-4446.6	960	10.2	62954.4	-4424.4
691	9.9	53337.5	-4419.0	781	10.4	60049.7	-4429.1	871	10.2	61906.4	-4445.1	961	10.0	63004.9	-4446.2
692	9.4	53345.5	-4441.3	782	10.4	60050.7	-4430.4	872	10.2	61925.3	-4429.1	962	9.4	63014.9	-4414.2
693	9.4	53345.7	-4432.9	783	9.6	60057.7	-4444.8	873	9.4	61932.3	-4417.2	963	10.2	63017.4	-4403.5
694	9.7	53414.7	-4438.7	784	8.8	60115.2	-4454.4	874	10.0	61941.8	-4413.3	964	9.9	63022.4	-4415.0
695	8.6	53429.7	-4409.7	785	10.4	60131.2	-4443.6	875	10.2	62001.3	-4418.9	965	9.9	63028.9	-4456.9
696	10.2	53437.7	-4415.1	786	10.4	60156.0	-4459.1	876	10.2	62011.9	-4458.2	966	10.2	63029.9	-4404.7
697	9.8	53515.7	-4453.7	787	9.2	60159.7	-4404.9	877	10.0	62018.3	-4419.1	967	9.6	63035.4	-4437.1
698	10.0	53521.2	-4410.7	788	10.4	60306.2	-4446.4	878	10.2	62019.8	-4415.3	968	10.2	63043.1	-4457.7
699	10.6	53600.2	-4419.7	789	10.0	60315.2	-4407.2	879	10.2	62022.3	-4427.0	969	9.8	63101.9	-4448.1
700	10.6	53622.2	-4454.2	790	9.8	60324.7	-4436.5	880	10.2	62025.3	-4456.3	970	10.2	63104.9	-4424.2
701	9.8	53631.7	-4435.6	791	10.0	60331.2	-4435.6	881	9.6	62039.8	-4431.7	971	10.2	63112.9	-4439.4
702	10.2	53650.2	-4458.5	792	10.0	60406.2	-4427.1	882	9.6	62039.8	-4407.5	972	10.2	63122.4	-4451.4
703	10.2	53720.7	-4430.0	793	7.4	60408.2	-4442.7	883	10.2	62040.3	-4445.3	973	8.8	63128.9	-4411.2
704	10.0	53750.9	-4457.6	794	8.2	60416.2	-4427.6	884	9.9	62048.8	-4449.1	974	9.5	63131.4	-4451.4
705	8.8	53801.2	-4459.3	795	10.4	60435.7	-4449.3	885	10.0	62050.8	-4446.3	975	10.0	63132.9	-4414.2
706	10.2	53859.2	-4448.8	796	6.8	60454.2	-4420.1	886	9.6	62133.8	-4411.5	976	10.2	63138.9	-4452.3
707	9.6	53939.2	-4435.8	797	9.6	60531.2	-4420.5	887	10.2	62146.3	-4429.1	977	10.0	63139.4	-4445.2
708	10.2	53943.2	-4411.7	798	10.4	60604.7	-4447.8	888	9.2	62147.3	-4450.7	978	9.8	63146.4	-4457.0
709	9.4	53953.2	-4441.4	799	10.1	60619.7	-4424.0	889	9.4	62215.8	-4438.3	979	10.2	63155.7	-4414.3
710	9.2	53958.7	-4430.1	800	10.0	60641.2	-4454.0	890	10.2	62216.8	-4441.1	980	8.7	63156.2	-4458.3
711	9.9	54026.4	-4458.7	801	9.2	60649.2	-4418.0	891	10.0	62217.8	-4436.5	981	10.0	63204.7	-4418.5
712	9.6	54059.7	-4407.0	802	10.4	60651.7	-4430.4	892	8.6	62222.3	-4433.1	982	10.2	63208.7	-4411.4
713	10.0	54100.2	-4426.0	803	8.0	60725.7	-4450.7	893	10.0	62239.8	-4434.1	983	10.0	63215.2	-4444.7
714	10.2	54104.7	-4413.2	804	8.8	60732.2	-4411.6	894	10.0	62253.3	-4452.7	984	10.0	63228.7	-4424.8
715	10.2	54137.7	-4456.0	805	8.2	60738.2	-4453.1	895	10.2	62259.3	-4424.0	985	9.2	63236.7	-4422.0
716	10.2	54146.7	-4430.2	806	8.0	60753.2	-4424.3	896	9.5	62301.3	-4431.7	986	10.2	63241.7	-4421.0
717	8.9	54149.0	-4459.8	807	9.8	60754.2	-4414.0	897	9.6	62303.3	-4412.2	987	8.2	63244.7	-4426.1
718	9.4	54156.7	-4405.8	808	10.4	60830.7	-4403.6	898	9.6	62306.8	-4454.7	988	8.4	63247.7	-4432.8
719	10.2	54213.2	-4404.4	809	9.8	60900.2	-4447.7	899	9.4	62309.3	-4454.5	989	10.2	63250.6	-4421.6
720	10.2	54258.5	-4457.9	810	10.4	60925.7	-4426.1	900	10.2	62314.9	-4413.2	990	10.0	63254.2	-4450.2
721	10.2	54259.7	-4449.1	811	9.6	60937.2	-4441.1	901	10.2	62315.3	-4445.0	991	9.5	63256.7	-4416.9
722	10.2	54306.8	-4400.5	812	10.0	60943.2	-4448.1	902	8.0	62316.2	-4402.9	992	10.2	63309.2	-4442.2
723	8.9	54310.2	-4410.8	813	9.4	60947.7	-4453.6	903	10.0	62317.8	-4433.7	993	9.9	63310.7	-4400.4
724	10.2	54318.2	-4409.1	814	9.2	61004.7	-4410.3	904	10.2	62331.8	-4411.3	994	9.4	63318.2	-4451.6
725	7.7	54322.7	-4450.7	815	8.6	61010.2	-4442.2	905	8.0	62340.8	-4405.5	995	9.8	63321.2	-4440.2
726	10.0	54323.2	-4458.2	816	9.6	61011.7	-4435.7	906	9.6	62344.3	-4440.5	996	10.0	63325.2	-4420.1
727	9.8	54416.0	-4402.2	817	10.4	61026.2	-4418.8	907	10.0	62350.8	-4435.7	997	10.0	63330.2	-4417.3
728	10.2	54429.7	-4453.1	818	10.4	61028.7	-4426.8	908	10.2	62359.6	-4436.5	998	9.6	63338.2	-4419.3
729	10.2	54429.9	-4418.0	819	10.1	61031.2	-4403.4	909	10.2	62402.1	-4409.5	999	9.5	63342.2	-4413.2
730	9.6	54440.4	-4452.1	820	10.4	61044.2	-4435.3	910	8.8	62407.1	-4457.3	1000	8.0	63345.7	-4452.2
731	10.2	54447.4	-4409.6	821	10.4	61107.2	-4422.2	911	9.5	62407.6	-4428.0	1001	10.2	63348.7	-4448.2

1002	9.0	63349.7	-4414.9	1092	8.1	64401.2	-4434.8	1182	10.0	65307.0	-4425.3
1003	10.0	63350.7	-4443.4	1093	10.0	64406.7	-4451.5	1183	9.4	65313.0	-4451.0
1004	9.8	63350.7	-4416.7	1094	9.9	64407.2	-4416.4	1184	10.0	65323.0	-4414.2
1005	9.8	63351.2	-4436.5	1095	10.0	64409.7	-4448.5	1185	10.0	65336.0	-4453.5
1006	10.0	63358.7	-4449.8	1096	7.6	64419.7	-4410.5	1186	9.4	65353.5	-4415.2
1007	7.8	63400.2	-4423.1	1097	10.0	64423.7	-4436.9	1187	9.6	65353.5	-4407.0
1008	9.5	63414.7	-4407.0	1098	9.7	64425.7	-4431.5	1188	9.9	65403.5	-4435.9
1009	10.2	63414.7	-4403.7	1099	10.0	64430.2	-4444.6	1189	10.0	65406.0	-4416.8
1010	8.2	63414.7	-4410.4	1100	9.2	64449.2	-4413.1	1190	10.0	65407.0	-4408.4
1011	10.2	63425.7	-4450.8	1101	10.0	64449.2	-4442.4	1191	8.8	65414.5	-4425.7
1012	10.0	63429.2	-4408.6	1102	9.5	64454.3	-4401.8	1192	9.1	65420.0	-4426.5
1013	10.2	63430.2	-4459.2	1103	9.0	64457.2	-4438.0	1193	10.0	65436.0	-4420.3
1014	10.0	63430.7	-4412.4	1104	10.0	64502.7	-4438.6	1194	9.8	65442.5	-4407.0
1015	9.9	63436.7	-4405.5	1105	10.0	64505.2	-4447.8	1195	10.0	65454.0	-4439.9
1016	10.2	63452.2	-4424.1	1106	10.0	64506.7	-4456.6	1196	9.4	65455.5	-4446.2
1017	10.0	63501.7	-4435.6	1107	10.0	64533.2	-4451.7	1197	10.0	65500.0	-4430.3
1018	7.6	63504.7	-4457.3	1108	10.0	64543.7	-4440.6	1198	9.2	65511.0	-4453.1
1019	9.8	63507.4	-4433.2	1109	10.0	64551.2	-4410.0	1199	10.0	65520.0	-4430.9
1020	10.2	63508.4	-4445.3	1110	9.8	64557.7	-4459.9	1200	9.8	65529.0	-4438.7
1021	9.0	63516.9	-4456.5	1111	9.7	64600.2	-4413.8	1201	10.0	65529.0	-4408.3
1022	9.4	63524.4	-4403.1	1112	9.8	64601.2	-4416.0	1202	9.9	65532.0	-4452.8
1023	10.2	63531.9	-4453.9	1113	8.2	64611.2	-4454.5	1203	10.0	65538.5	-4422.7
1024	9.8	63544.9	-4419.9	1114	9.2	64612.7	-4437.8	1204	10.0	65542.5	-4439.1
1025	10.2	63556.4	-4438.7	1115	9.5	64614.2	-4457.0	1205	9.0	65546.5	-4406.3
1026	9.9	63600.9	-4449.9	1116	9.2	64621.7	-4421.9	1206	9.6	65547.5	-4402.3
1027	10.0	63608.4	-4409.8	1117	10.0	64624.7	-4436.1	1207	9.0	65558.0	-4446.9
1028	10.2	63620.4	-4433.5	1118	10.0	64625.2	-4401.2	1208	10.0	65600.0	-4407.1
1029	10.2	63626.4	-4435.9	1119	10.0	64639.2	-4456.8	1209	9.0	65613.0	-4433.0
1030	9.6	63631.4	-4459.2	1120	10.0	64641.2	-4443.6	1210	9.5	65618.0	-4423.3
1031	10.2	63640.4	-4418.1	1121	10.0	64643.7	-4430.2	1211	10.0	65621.5	-4400.2
1032	9.8	63649.9	-4435.1	1122	10.0	64646.2	-4416.8	1212	9.8	65630.5	-4458.7
1033	10.0	63651.4	-4447.4	1123	10.0	64649.7	-4428.6	1213	10.0	65635.5	-4440.2
1034	8.4	63707.4	-4417.6	1124	10.0	64651.2	-4414.0	1214	10.0	65637.0	-4403.1
1035	9.8	63709.4	-4432.3	1125	9.6	64715.2	-4421.6	1215	9.4	65639.5	-4448.1
1036	9.9	63710.4	-4437.6	1126	10.0	64721.2	-4439.7	1216	10.0	65641.5	-4426.7
1037	8.2	63736.4	-4459.7	1127	10.0	64728.7	-4455.6	1217	9.4	65643.0	-4447.5
1038	9.8	63737.9	-4430.7	1128	8.8	64732.7	-4437.2	1218	10.0	65645.5	-4449.1
1039	10.2	63741.4	-4440.8	1129	8.8	64734.7	-4434.0	1219	10.0	65703.0	-4426.4
1040	10.2	63742.4	-4452.2	1130	9.4	64737.2	-4404.7	1220	9.2	65709.0	-4459.0
1041	10.0	63751.9	-4405.4	1131	8.4	64741.2	-4418.4	1221	10.0	65711.0	-4457.0
1042	10.2	63804.9	-4448.9	1132	9.2	64748.7	-4404.2	1222	10.0	65721.0	-4419.5
1043	9.9	63805.4	-4426.0	1133	9.8	64751.2	-4431.5	1223	10.0	65725.0	-4452.1
1044	9.2	63813.9	-4445.9	1134	10.0	64751.2	-4433.7	1224	10.0	65729.2	-4401.5
1045	9.8	63818.9	-4431.7	1135	9.4	64752.7	-4408.9	1225	9.6	65735.0	-4439.0
1046	10.2	63827.4	-4435.9	1136	8.4	64754.2	-4409.6	1226	8.6	65736.0	-4443.5
1047	9.9	63850.4	-4435.0	1137	9.8	64813.7	-4437.9	1227	10.0	65810.0	-4446.7
1048	9.8	63855.9	-4425.5	1138	10.0	64815.2	-4418.0	1228	10.0	65810.5	-4437.0
1049	9.4	63912.9	-4410.0	1139	9.7	64825.2	-4424.9	1229	9.9	65815.0	-4449.0
1050	10.2	63919.9	-4407.7	1140	10.0	64831.7	-4454.4	1230	9.4	65818.5	-4405.4
1051	9.8	63923.9	-4439.2	1141	8.4	64846.7	-4453.9	1231	10.0	65820.0	-4419.8
1052	10.2	63933.9	-4408.2	1142	9.6	64851.2	-4450.6	1232	10.0	65830.5	-4447.8
1053	10.2	63936.4	-4422.1	1143	10.0	64855.7	-4452.9	1233	10.0	65836.0	-4455.5
1054	10.2	63938.4	-4439.7	1144	9.6	64907.7	-4418.9	1234	9.5	65838.0	-4433.8
1055	9.9	63940.4	-4450.3	1145	9.8	64917.7	-4440.8	1235	9.8	65842.1	-4422.8
1056	10.2	64003.9	-4437.9	1146	9.9	64918.2	-4428.9	1236	9.6	65843.5	-4417.0
1057	10.2	64007.2	-4440.4	1147	10.0	64929.7	-4435.9	1237	10.0	65853.5	-4443.8
1058	10.0	64008.2	-4452.5	1148	8.8	64931.2	-4446.7	1238	9.9	65903.5	-4433.5
1059	10.2	64014.2	-4429.0	1149	10.0	64932.7	-4407.9	1239	10.0	65911.0	-4459.0
1060	10.0	64020.2	-4458.0	1150	10.0	64938.2	-4450.2	1240	10.0	65917.5	-4414.1
1061	9.6	64023.2	-4404.8	1151	8.8	64951.7	-4405.4	1241	10.0	65917.5	-4440.8
1062	10.2	64026.6	-4457.4	1152	9.4	64955.2	-4449.1	1242	9.7	65921.0	-4436.5
1063	10.2	64027.2	-4413.4	1153	8.8	65029.2	-4413.3	1243	9.2	65921.0	-4434.9
1064	10.2	64050.1	-4452.5	1154	9.5	65034.7	-4439.9	1244	9.8	65923.0	-4432.8
1065	9.5	64100.9	-4425.1	1155	10.0	65041.5	-4402.5	1245	9.8	65930.0	-4450.5
1066	10.2	64111.2	-4445.1	1156	10.0	65051.2	-4433.3	1246	10.0	65931.0	-4416.1
1067	10.2	64115.9	-4414.3	1157	10.0	65106.2	-4405.9	1247	9.9	65932.5	-4454.1
1068	10.0	64117.2	-4422.6	1158	10.0	65116.9	-4459.0	1248	9.8	65938.0	-4432.0
1069	10.2	64121.5	-4425.6	1159	8.8	65128.7	-4403.9	1249	10.0	65948.0	-4447.9
1070	9.6	64121.5	-4424.3	1160	9.8	65130.2	-4428.6	1250	9.7	65952.5	-4451.1
1071	9.6	64123.5	-4450.7	1161	10.0	65131.2	-4409.7	1251	10.0	65957.5	-4428.2
1072	10.0	64126.7	-4411.0	1162	10.0	65132.2	-4454.2	1252	9.9	70005.0	-4404.7
1073	9.0	64130.7	-4419.5	1163	8.8	65135.2	-4411.1	1253	9.4	70009.0	-4434.4
1074	10.0	64134.0	-4427.5	1164	8.8	65144.7	-4445.9	1254	8.4	70012.5	-4428.5
1075	10.0	64135.2	-4444.1	1165	9.9	65150.2	-4411.1	1255	9.7	70023.0	-4419.1
1076	9.7	64147.9	-4439.3	1166	9.7	65150.7	-4435.9	1256	9.7	70041.0	-4429.0
1077	9.6	64148.5	-4406.5	1167	9.5	65152.7	-4417.8	1257	10.0	70041.0	-4456.9
1078	9.2	64155.0	-4422.8	1168	10.0	65152.7	-4418.9	1258	9.7	70058.5	-4448.9
1079	10.0	64159.2	-4445.5	1169	10.0	65153.7	-4434.2	1259	9.6	70111.0	-4417.7
1080	9.7	64201.2	-4449.2	1170	9.8	65200.7	-4418.8	1260	10.0	70114.0	-4410.3
1081	8.4	64231.2	-4428.4	1171	9.8	65201.0	-4444.8	1261	9.7	70124.0	-4411.9
1082	9.5	64241.2	-4401.9	1172	9.0	65234.0	-4434.5	1262	9.5	70151.5	-4436.9
1083	10.0	64247.2	-4432.7	1173	9.9	65235.5	-4453.9	1263	9.9	70159.0	-4421.7
1084	9.6	64248.7	-4420.0	1174	10.0	65251.5	-4403.3	1264	9.9	70207.5	-4416.2
1085	9.7	64259.2	-4452.3	1175	10.0	65252.0	-4426.9	1265	10.0	70215.5	-4457.0
1086	8.3	64306.2	-4450.3	1176	10.0	65300.0	-4444.9	1266	9.9	70216.0	-4431.5
1087	9.5	64309.7	-4452.7	1177	10.0	65301.0	-4445.8	1267	9.4	70242.0	-4420.0
1088	9.6	64313.2	-4406.4	1178	9.2	65305.0	-4429.1	1268	9.2	70253.5	-4442.1
1089	8.5	64313.7	-4433.5	1179	10.0	65305.2	-4459.8	1269	10.0	70254.0	-4432.0
1090	9.4	64337.2	-4421.0	1180	9.7	65307.0	-4410.1	1270	10.0	70254.5	-4415.0
1091	9.9	64354.2	-4432.9	1181	9.4	65307.0	-4426.8	1271	10.0	70255.5	-4402.4
1272	9.8	70256.0	-4451.5								
1273	8.5	70259.5	-4436.2								
1274	8.3	70311.5	-4451.4								
1275	10.0	70323.0	-4416.3								
1276	10.0	70324.5	-4454.7								
1277	10.0	70329.0	-4415.0								
1278	9.4	70332.0	-4404.0								
1279	9.5	70340.8	-4427.8								
1280	9.8	70340.8	-4413.3								
1281	9.7	70344.8	-4443.0								
1282	9.9	70349.8	-4440.6								
1283	9.9	70354.8	-4454.5								
1284	9.7	70406.8	-4451.2								
1285	10.0	70419.8	-4449.4								
1286	10.0	70422.8	-4407.0								
1287	10.0	70435.3	-4404.8								
1288	10.0	70438.8	-4421.1								
1289	9.9	70438.8	-4413.5								
1290	10.0	70444.3	-4459.1								
1291	10.0	70451.3	-4431.1								
1292	10.0	70451.8	-4458.2								
1293	10.0	70501.8	-4457.1								
1294	9.4	70504.3	-4425.4								
1295	9.4	70504.8	-4432.7								
1296	9.9	70504.8	-4413.1								
1297	9.4	70507.8	-4439.8								
1298	10.0	70509.8	-4425.3								
1299	10.0	70513.3	-4434.9								
1300	9.6	70532.3	-4403.4								
1301	10.0	70533.3	-4418.2								
1302	9.4	70536.8	-4439.3								
1303	9.6	70550.8	-4447.6								
1304	10.0	70552.3	-4432.2								
1305	9.9	70553.3	-4437.7								
1306	10.0	70556.3	-4445.8								
1307	9.4	70601.8	-4436.3								
1308	9.7	70605.8	-4429.9								
1309	9.6	70612.3	-4447.0								
1310	9.7	70614.8	-4434.2								
1311	9.5	70615.6	-4402.9								
1312	9.7	70624.3	-4443.9								
1313	9.4	70627.3	-4403.6								
1314	9.4	70628.8	-4408.8								
1315	8.2	70638.8	-4421.2								
1316	10.0	70639.8	-4413.7								
1317	9.7	70653.8	-4439.8								
1318	10.0	70655.3	-4403.1								
1319	10.0	70656.3	-4449.9								
1320	10.0	70658.9	-4426.4								
1321	9.5	70700.3	-4433.8								
1322	9.0	70700.8	-4414.7								
1323	8.8	70704.8	-4428.8								
1324	10.0	70712.1	-4459.0								
1325	9.2	70716.8	-4437.3								
1326	9.5	70725.3	-4436.8								
1327	10.0	70733.8	-4419.8								
1328	8.5	70734.8	-4409.6								
1329	9.4	70748.3	-4453.9								
1330	9.8	70812.3	-4427.9								
1331	8.3	70820.8	-4437.4								
1332	10.0	70823.0	-4410.4								
1333	10.0	70824.6	-4416.3								
1334	10.0	70843.3	-4429.8								
1335	10.0	70844.3	-4407.9								
1336	10.4	70851.3	-4450.8								
1337	9.8	70852.8	-4442.6								
1338	9.8	70854.5	-4444.2								
1339	10.0	70858.0	-4405.7								
1340	8.8	70903.8	-4449.5								
1341	10.4	70905.8	-4446.2								
1342	10.4	70906.7	-4411.6								
1343	10.0	70911.5	-4413.0								
1344	10.0	70913.6	-4457.5								
1345	10.4	70918.3	-4412.2								
1346	10.4	70928.2	-4426.7								
1347	5.8	70929.1	-4458.0								
1348	10.2	70937.8	-4440.4								
1349	10.0	70940.8	-4422.3								
1350	10.2	70941.1	-4426.7								
1351	9.8	70942.1	-4448.8								
1352	6.9	70943.8	-4426.1								
1353	10.0	70952.3	-4426.2								
1354	10.4	70954.3	-4402.6								
1355	10.4	71000.3	-4401.3								
1356	10.4	71018.3	-4452.3								
1357	9.8	71029.8	-4451.7								
1358	10.4	71030.3	-4409.2								
1359	10.0	71031.8	-4415.0								
1360	8.8	71033.3	-4426.7								
1361	10.1	71047.8	-4416.2								

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1362	10.0	71051.3	-4417.6	1452	10.4	71612.8	-4429.0	1542	10.2	72211.7	-4415.2
1363	10.4	71058.3	-4404.6	1453	9.8	71616.6	-4400.6	1543	10.2	72212.2	-4435.5
1364	9.5	71100.3	-4437.5	1454	10.0	71616.8	-4409.2	1544	9.5	72212.2	-4447.2
1365	10.2	71103.8	-4417.4	1455	9.6	71621.3	-4432.0	1545	9.2	72213.7	-4447.1
1366	9.8	71103.8	-4427.3	1456	10.4	71621.3	-4434.9	1546	10.0	72217.2	-4455.7
1367	10.4	71107.3	-4412.8	1457	10.0	71629.3	-4418.8	1547	10.0	72217.7	-4422.2
1368	10.4	71116.3	-4459.4	1458	10.4	71629.8	-4448.1	1548	10.2	72223.7	-4420.6
1369	10.4	71117.3	-4418.3	1459	9.4	71633.8	-4428.1	1549	10.4	72226.2	-4421.6
1370	9.8	71122.3	-4457.0	1460	8.6	71638.3	-4421.7	1550	9.6	72232.2	-4421.1
1371	9.8	71126.4	-4456.3	1461	10.0	71639.6	-4401.9	1551	9.8	72240.2	-4442.0
1372	10.4	71131.3	-4428.8	1462	8.4	71647.9	-4459.4	1552	10.4	72246.5	-4402.2
1373	10.2	71144.3	-4415.5	1463	9.2	71708.8	-4458.8	1553	10.4	72248.7	-4427.0
1374	10.2	71146.8	-4415.1	1464	10.4	71711.8	-4409.4	1554	10.4	72251.2	-4411.5
1375	10.2	71149.8	-4447.3	1465	10.1	71720.3	-4412.5	1555	9.8	72252.7	-4418.5
1376	9.8	71152.8	-4401.7	1466	9.6	71722.3	-4419.9	1556	10.4	72253.2	-4410.1
1377	10.4	71157.8	-4436.8	1467	10.4	71724.8	-4414.9	1557	10.4	72253.7	-4435.6
1378	9.6	71200.3	-4417.8	1468	10.1	71727.3	-4432.8	1558	10.4	72259.2	-4409.0
1379	10.4	71203.3	-4409.6	1469	10.4	71731.3	-4438.4	1559	10.4	72305.7	-4450.1
1380	9.8	71206.3	-4458.7	1470	9.3	71732.4	-4457.0	1560	10.4	72306.2	-4419.0
1381	10.0	71207.3	-4439.7	1471	10.4	71732.8	-4410.3	1561	10.4	72307.2	-4456.0
1382	10.4	71210.3	-4401.0	1472	10.4	71742.3	-4421.3	1562	10.4	72310.2	-4420.3
1383	10.0	71211.3	-4453.3	1473	9.6	71744.3	-4418.1	1563	10.2	72320.2	-4432.1
1384	9.8	71220.3	-4431.2	1474	10.1	71745.8	-4407.9	1564	10.0	72326.2	-4409.0
1385	10.0	71225.8	-4432.3	1475	9.8	71748.3	-4443.2	1565	9.8	72327.2	-4412.6
1386	9.8	71226.7	-4459.7	1476	10.0	71752.3	-4457.2	1566	8.6	72338.7	-4401.9
1387	9.6	71229.2	-4458.3	1477	9.4	71752.3	-4416.0	1567	8.8	72340.2	-4433.7
1388	10.4	71231.3	-4427.1	1478	10.4	71754.3	-4413.2	1568	10.4	72344.7	-4444.4
1389	9.5	71234.8	-4447.2	1479	9.3	71800.5	-4455.8	1569	10.4	72348.2	-4410.6
1390	8.8	71238.8	-4457.6	1480	9.5	71802.3	-4447.7	1570	10.2	72349.2	-4446.1
1391	9.8	71240.8	-4439.6	1481	9.3	71805.4	-4457.0	1571	10.4	72358.7	-4425.4
1392	10.4	71244.3	-4426.2	1482	9.6	71816.8	-4453.5	1572	10.0	72402.2	-4454.0
1393	9.8	71245.3	-4429.8	1483	10.4	71816.8	-4454.9	1573	9.8	72406.8	-4459.0
1394	10.4	71249.8	-4434.8	1484	10.0	71817.3	-4421.5	1574	9.5	72411.7	-4456.4
1395	9.2	71249.8	-4452.6	1485	10.4	71820.3	-4419.7	1575	10.2	72412.7	-4428.1
1396	10.4	71258.8	-4433.3	1486	10.4	71820.3	-4410.3	1576	9.2	72412.7	-4423.7
1397	9.6	71303.8	-4448.8	1487	9.2	71823.8	-4430.0	1577	9.8	72418.7	-4419.9
1398	9.4	71313.8	-4400.3	1488	10.4	71826.3	-4412.8	1578	9.8	72420.0	-4457.8
1399	10.4	71316.3	-4457.3	1489	10.4	71832.3	-4424.0	1579	10.2	72422.2	-4442.0
1400	9.8	71330.8	-4432.1	1490	9.6	71835.8	-4416.8	1580	10.4	72438.8	-4402.0
1401	10.4	71334.3	-4441.0	1491	10.4	71838.3	-4438.8	1581	10.0	72440.2	-4411.8
1402	10.4	71336.8	-4441.0	1492	10.4	71839.8	-4453.8	1582	10.4	72440.7	-4418.0
1403	10.0	71351.8	-4431.7	1493	8.6	71848.3	-4440.9	1583	10.4	72441.2	-4403.0
1404	10.4	71354.8	-4441.4	1494	7.9	71849.3	-4422.6	1584	9.8	72452.2	-4412.8
1405	10.4	71359.8	-4427.7	1495	10.4	71851.3	-4440.9	1585	10.0	72452.2	-4417.0
1406	10.4	71412.3	-4436.7	1496	9.3	71852.3	-4419.7	1586	10.2	72453.7	-4416.8
1407	10.2	71413.8	-4429.1	1497	10.1	71852.3	-4422.6	1587	9.8	72456.2	-4453.9
1408	10.2	71414.8	-4408.7	1498	9.1	71857.8	-4423.0	1588	9.8	72500.2	-4411.1
1409	10.1	71416.3	-4429.0	1499	9.6	71910.8	-4426.9	1589	10.4	72521.2	-4426.3
1410	10.2	71416.3	-4447.5	1500	10.0	71913.3	-4427.0	1590	10.4	72523.2	-4410.9
1411	9.8	71418.8	-4406.3	1501	10.4	71913.8	-4420.4	1591	9.3	72533.2	-4420.6
1412	9.8	71422.3	-4405.6	1502	10.0	71913.8	-4448.8	1592	9.8	72544.2	-4439.6
1413	10.4	71422.3	-4441.2	1503	10.4	71927.8	-4447.9	1593	10.0	72546.3	-4458.3
1414	10.0	71428.8	-4435.1	1504	10.4	71940.3	-4454.1	1594	10.1	72550.2	-4419.0
1415	10.0	71432.3	-4427.0	1505	10.4	71940.3	-4438.9	1595	9.4	72555.2	-4409.0
1416	9.8	71433.8	-4449.0	1506	8.7	71957.3	-4413.2	1596	10.2	72555.7	-4410.6
1417	9.8	71433.8	-4447.5	1507	10.1	71958.3	-4445.0	1597	10.1	72557.2	-4413.9
1418	9.6	71433.8	-4432.2	1508	9.2	72000.8	-4430.8	1598	7.9	72558.2	-4439.0
1419	10.0	71434.8	-4428.2	1509	9.2	72001.3	-4415.6	1599	10.4	72602.5	-4459.3
1420	10.1	71435.6	-4412.1	1510	9.2	72006.3	-4420.8	1600	10.0	72604.3	-4456.5
1421	9.4	71437.3	-4404.7	1511	9.8	72013.4	-4459.6	1601	10.0	72604.7	-4458.6
1422	10.4	71440.3	-4424.1	1512	9.1	72013.8	-4414.4	1602	9.8	72608.7	-4438.6
1423	9.8	71441.3	-4452.8	1513	10.2	72021.7	-4415.5	1603	9.0	72610.2	-4453.8
1424	10.2	71442.3	-4422.8	1514	9.8	72022.7	-4430.1	1604	10.4	72610.2	-4453.2
1425	10.4	71442.8	-4458.9	1515	9.8	72032.2	-4411.8	1605	10.4	72611.7	-4453.0
1426	10.4	71444.6	-4424.0	1516	10.4	72039.7	-4417.9	1606	10.4	72611.7	-4410.1
1427	10.1	71445.3	-4434.5	1517	9.8	72040.7	-4456.3	1607	10.1	72611.8	-4400.2
1428	10.4	71452.8	-4456.8	1518	10.4	72042.7	-4413.6	1608	10.1	72615.3	-4402.4
1429	9.8	71457.3	-4441.4	1519	10.4	72045.7	-4440.8	1609	9.6	72617.7	-4420.0
1430	9.8	71500.8	-4411.7	1520	9.8	72049.2	-4409.0	1610	9.6	72623.2	-4452.5
1431	10.1	71501.3	-4409.9	1521	9.1	72050.7	-4458.8	1611	10.4	72623.2	-4437.8
1432	10.4	71503.8	-4449.3	1522	10.4	72053.2	-4452.2	1612	10.1	72626.2	-4435.8
1433	10.4	71504.3	-4454.0	1523	8.7	72059.2	-4419.7	1613	10.0	72626.7	-4455.6
1434	9.8	71504.8	-4455.8	1524	9.8	72101.2	-4412.4	1614	9.6	72641.2	-4419.0
1435	9.8	71504.8	-4443.6	1525	9.2	72102.2	-4454.7	1615	10.0	72642.2	-4408.9
1436	10.4	71506.8	-4427.4	1526	10.4	72102.2	-4449.7	1616	9.8	72642.7	-4451.0
1437	9.8	71508.3	-4450.0	1527	9.8	72113.2	-4439.5	1617	9.8	72647.7	-4409.0
1438	9.2	71522.3	-4412.3	1528	9.8	72116.2	-4409.1	1618	9.8	72648.2	-4407.4
1439	9.8	71525.3	-4437.9	1529	10.4	72117.7	-4455.0	1619	9.8	72651.2	-4405.1
1440	10.0	71527.9	-4457.9	1530	9.8	72120.2	-4410.4	1620	9.8	72652.2	-4428.6
1441	10.0	71538.3	-4441.8	1531	10.4	72122.4	-4457.5	1621	10.4	72655.2	-4448.3
1442	9.3	71538.8	-4421.2	1532	10.1	72132.2	-4422.0	1622	10.4	72656.2	-4404.6
1443	10.2	71542.8	-4406.7	1533	10.2	72132.2	-4433.2	1623	10.4	72657.2	-4448.0
1444	9.8	71543.8	-4413.0	1534	10.0	72133.7	-4441.7	1624	10.4	72658.2	-4452.0
1445	10.0	71552.3	-4413.9	1535	10.2	72144.7	-4414.9	1625	8.8	72658.2	-4444.4
1446	10.4	71556.8	-4427.4	1536	10.4	72146.7	-4411.3	1626	9.8	72703.7	-4434.0
1447	8.8	71600.3	-4401.2	1537	10.4	72152.2	-4437.2	1627	9.6	72706.7	-4455.2
1448	9.3	71608.6	-4402.9	1538	9.4	72200.7	-4425.5	1628	10.4	72710.2	-4433.8
1449	9.0	71610.8	-4411.0	1539	10.4	72200.7	-4419.3	1629	10.4	72711.7	-4407.4
1450	9.4	71611.3	-4455.1	1540	10.4	72204.2	-4435.2	1630	10.2	72712.7	-4434.4
1451	9.5	71612.3	-4436.4	1541	10.4	72210.2	-4448.7	1631	8.6	72717.2	-4415.0
1632	9.8	72723.7	-4425.4								
1633	9.3	72739.7	-4433.5								
1634	10.0	72741.2	-4418.2								
1635	9.8	72741.7	-4408.5								
1636	10.2	72748.7	-4424.6								
1637	10.4	72753.7	-4404.6								
1638	10.4	72754.2	-4408.0								
1639	10.4	72755.2	-4436.6								
1640	9.6	72755.7	-4415.7								
1641	9.8	72802.2	-4438.4								
1642	9.4	72816.7	-4415.4								
1643	10.4	72817.2	-4413.8								
1644	10.4	72819.1	-4452.2								
1645	10.1	72823.2	-4431.6								
1646	10.2	72827.7	-4440.8								
1647	9.3	72828.7	-4442.0								
1648	9.8	72830.2	-4437.2								
1649	10.2	72832.7	-4410.2								
1650	10.4	72833.2	-4414.4								
1651	10.4	72837.2	-4417.9								
1652	10.4	72840.2	-4403.2								
1653	9.8	72841.7	-4406.0								
1654	9.8	72843.7	-4412.8								
1655	10.4	72848.7	-4431.9								
1656	10.0	72850.2	-4430.2								
1657	10.4	72854.2	-4444.6								
1658	10.4	72901.2	-4416.0								
1659	9.8	72910.2	-4418.0								
1660	9.3	72922.2	-4414.2								
1661	10.2	72923.7	-4451.4								
1662	10.4	72930.2	-4417.6								
1663	10.4	72940.2	-4412.8								
1664	9.8	72948.7	-4414.8								
1665	9.6	72952.2	-4448.4								
1666	10.0	72953.7	-4451.4								
1667	10.4	72954.2	-4417.5								
1668	10.4	72957.7	-4420.1								
1669	9.8	72957.7	-4428.8								
1670	9.8	73002.2	-4418.2								
1671	10.4	73008.2	-4436.1								
1672	10.4	73014.2	-4441.4								
1673	10.0	73015.2	-4454.0								
1674	10.4	73016.2	-4419.0								
1675	10.4	73018.3	-4433.3								
1676	10.4	73019.7	-4427.6								
1677	9.8	73028.2	-4414.2								
1678	10.1	73032.3	-4457.2								
1679	10.4	73039.5	-4458.1								
1680	9.8	73042.2	-4408.6								
1681	10.4	73048.2	-4410.0								
1682	8.4	73050.7	-4425.0								
1683	10.0	73052.2	-4443.0								
1684	9.5	73052.7	-4433.7								
1685	7.2	73056.4	-4401.4								
1686	10.0	73102.7	-4459.4								
1687	10.4	73102.7	-4439.0								
1688	9.8	73110.2	-4436.6								
1689	10.4	73114.7	-4414.4								
1690	10.0	73117.2	-4407.9								
1691	10.1	73120.2	-4423.9								
1692	9.8	73127.2	-4408.2								
1693	9.2	73130.2	-4407.6								
1694	10.4	73132.7	-4421.0								
1695	9.8	73136.2	-4424.4								
1696	9.8	73139.7	-4446.6								
1697	9.8	73139.7	-4445.2								
1698	9.5	73141.7	-4436.8								
1699	10.4	73142.2	-4440.0								
1700	9.5	73143.7	-4423.2								
1701	9.6	73145.2	-4423.0								
1702	9.5	73146.7	-4421.9								
1703	10.4	73155.2	-4411.6								
1704	9.8	73156.7	-4444.2								
1705	10.0	73157.2	-4408.2								
1706	8.8	73158.2	-4420.8								
1707	10.1	73209.2	-4418.2								
1708	9.8	73209.2	-4442.4								
1709	10.1	73210.2	-4422.2								
1710	7.8	73221.1	-4440.5								
1711	10.4	73222.1	-4406.5								
1712	9.8	73228.6	-4456.3								
1713	9.4	73230.1	-4446.7								
1714	8.6	73236.1	-4407.1								
1715	10.4	73239.1	-4433.9								
1716	10.2	73245.6	-4429.0								
1717	7.2	73246.1	-4442.5								
1718	8.6	73249.1	-4459.8								
1719	10.4	73250.1	-4410.5								
1720	9.4	73253.6	-4412.2								
1721	10.0	73254.1	-4428.9								

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1722	9.8	73257.1	-4409.2	1812	10.0	73739.1	-4450.0	1902	10.4	74449.9	-4429.0
1723	10.2	73257.6	-4429.7	1813	10.2	73742.1	-4441.8	1903	10.4	74459.9	-4425.1
1724	10.4	73259.1	-4416.2	1814	10.4	73748.6	-4425.6	1904	9.4	74502.9	-4442.5
1725	8.4	73303.1	-4444.8	1815	10.0	73752.1	-4445.2	1905	10.4	74513.4	-4440.8
1726	10.2	73309.6	-4401.2	1816	10.0	73753.6	-4448.1	1906	9.6	74519.9	-4403.3
1727	9.6	73313.1	-4409.6	1817	10.4	73757.6	-4405.0	1907	9.1	74523.4	-4422.2
1728	9.4	73313.6	-4442.0	1818	9.7	73806.6	-4422.4	1908	7.6	74531.9	-4426.2
1729	9.3	73315.6	-4430.1	1819	10.4	73811.1	-4437.6	1909	10.4	74533.8	-4401.1
1730	10.2	73318.6	-4405.0	1820	9.7	73822.1	-4403.7	1910	10.4	74546.4	-4407.8
1731	10.2	73322.1	-4404.2	1821	9.2	73823.6	-4419.0	1911	9.4	74546.4	-4417.1
1732	10.1	73324.6	-4408.8	1822	9.1	73834.1	-4426.5	1912	10.4	74546.4	-4426.8
1733	10.2	73332.6	-4418.7	1823	10.0	73839.1	-4422.7	1913	10.4	74549.5	-4457.6
1734	10.0	73338.1	-4443.2	1824	8.6	73839.1	-4444.3	1914	10.1	74551.9	-4422.1
1735	10.4	73338.6	-4437.4	1825	10.4	73844.7	-4458.2	1915	9.4	74551.9	-4406.1
1736	9.4	73345.1	-4416.2	1826	10.1	73846.1	-4406.2	1916	9.8	74602.7	-4459.5
1737	10.4	73351.1	-4437.0	1827	10.2	73848.1	-4411.1	1917	9.6	74608.7	-4420.4
1738	10.1	73353.6	-4431.1	1828	10.0	73854.1	-4428.2	1918	10.2	74616.2	-4431.2
1739	9.3	73357.1	-4444.4	1829	6.6	73905.1	-4451.6	1919	9.6	74621.2	-4411.7
1740	10.0	73358.1	-4439.2	1830	10.4	73918.1	-4416.9	1920	9.7	74621.2	-4432.7
1741	9.8	73400.1	-4452.8	1831	10.4	73922.6	-4452.9	1921	9.8	74630.2	-4456.4
1742	10.4	73409.6	-4426.9	1832	10.2	73937.0	-4456.9	1922	10.0	74630.2	-4445.9
1743	10.0	73416.1	-4416.4	1833	9.9	73940.0	-4426.8	1923	10.1	74634.7	-4401.7
1744	10.4	73417.1	-4453.5	1834	10.0	73952.0	-4446.4	1924	9.0	74639.7	-4414.5
1745	9.3	73420.1	-4406.4	1835	10.4	73953.5	-4427.8	1925	10.4	74640.7	-4405.0
1746	10.4	73422.1	-4417.6	1836	10.4	74001.0	-4457.7	1926	7.6	74644.2	-4415.7
1747	10.4	73423.4	-4400.9	1837	10.4	74007.0	-4439.7	1927	9.7	74645.7	-4437.7
1748	9.5	73424.1	-4433.4	1838	10.4	74010.0	-4426.0	1928	9.3	74647.7	-4420.9
1749	10.0	73425.1	-4433.9	1839	10.1	74030.8	-4401.2	1929	9.9	74650.7	-4436.1
1750	10.0	73428.1	-4413.2	1840	10.2	74040.0	-4432.1	1930	10.4	74655.7	-4429.8
1751	9.8	73428.6	-4443.9	1841	10.4	74040.0	-4453.3	1931	10.1	74703.2	-4431.8
1752	10.4	73429.6	-4434.4	1842	10.4	74041.1	-4411.4	1932	9.6	74706.7	-4453.2
1753	9.8	73432.1	-4418.0	1843	9.4	74042.0	-4401.1	1933	9.4	74718.2	-4422.0
1754	10.0	73435.1	-4406.4	1844	10.4	74042.5	-4455.1	1934	10.4	74719.7	-4416.0
1755	10.2	73439.6	-4449.0	1845	10.4	74044.5	-4406.6	1935	9.8	74719.7	-4432.2
1756	10.1	73443.6	-4400.0	1846	9.9	74045.0	-4458.6	1936	10.0	74724.2	-4443.0
1757	9.1	73445.1	-4418.0	1847	10.4	74051.0	-4422.0	1937	9.4	74729.4	-4458.3
1758	9.8	73445.6	-4441.2	1848	10.4	74052.0	-4450.8	1938	10.1	74731.7	-4425.0
1759	10.4	73446.6	-4426.8	1849	10.2	74053.5	-4403.8	1939	10.2	74740.7	-4409.8
1760	10.4	73448.1	-4435.3	1850	9.8	74059.3	-4402.3	1940	10.4	74742.7	-4447.6
1761	10.0	73448.1	-4407.4	1851	9.2	74102.0	-4447.8	1941	10.0	74751.7	-4407.0
1762	7.8	73454.1	-4432.7	1852	10.0	74105.0	-4450.2	1942	10.4	74756.7	-4432.3
1763	10.0	73454.6	-4410.4	1853	10.4	74108.5	-4449.1	1943	10.4	74759.2	-4415.1
1764	10.4	73456.1	-4436.1	1854	9.6	74113.0	-4417.9	1944	10.2	74800.7	-4421.1
1765	10.0	73457.1	-4427.5	1855	10.4	74122.0	-4444.7	1945	10.4	74801.2	-4454.8
1766	10.2	73459.6	-4450.8	1856	9.2	74122.0	-4404.2	1946	10.2	74801.5	-4440.0
1767	10.4	73511.6	-4401.9	1857	8.8	74126.0	-4454.8	1947	10.4	74808.0	-4404.4
1768	9.8	73517.1	-4427.2	1858	7.9	74130.0	-4434.7	1948	10.1	74810.5	-4420.2
1769	10.4	73518.6	-4412.2	1859	8.4	74139.0	-4404.2	1949	9.9	74812.5	-4429.2
1770	10.4	73530.6	-4423.4	1860	10.0	74142.0	-4420.0	1950	10.4	74813.5	-4421.4
1771	9.8	73534.6	-4456.2	1861	9.4	74151.0	-4449.0	1951	10.4	74819.5	-4437.5
1772	10.4	73535.6	-4420.4	1862	10.4	74151.0	-4453.6	1952	9.2	74821.5	-4405.2
1773	9.5	73537.6	-4404.4	1863	10.4	74152.0	-4418.2	1953	10.2	74830.5	-4410.4
1774	10.4	73540.1	-4443.9	1864	10.4	74153.5	-4408.0	1954	10.1	74831.0	-4450.9
1775	9.3	73543.1	-4451.5	1865	8.3	74158.5	-4427.2	1955	9.0	74832.0	-4430.5
1776	10.4	73551.1	-4420.8	1866	10.4	74201.3	-4401.3	1956	9.7	74836.5	-4425.8
1777	10.0	73553.1	-4404.0	1867	9.0	74208.5	-4415.6	1957	9.2	74837.2	-4402.9
1778	8.2	73553.6	-4429.4	1868	10.4	74218.0	-4430.9	1958	10.4	74837.5	-4417.2
1779	9.8	73556.1	-4452.0	1869	10.2	74218.5	-4445.3	1959	10.4	74841.5	-4433.6
1780	10.4	73556.1	-4441.9	1870	9.0	74228.0	-4446.9	1960	10.4	74843.9	-4400.6
1781	10.4	73604.1	-4450.9	1871	10.4	74241.0	-4400.0	1961	10.0	74846.5	-4404.8
1782	9.8	73610.1	-4411.2	1872	10.4	74249.0	-4415.1	1962	10.4	74848.0	-4444.0
1783	8.2	73610.1	-4452.6	1873	10.4	74251.5	-4418.1	1963	10.4	74855.5	-4414.6
1784	7.9	73611.6	-4408.7	1874	10.0	74255.0	-4425.3	1964	9.9	74909.5	-4456.1
1785	10.2	73612.1	-4459.5	1875	9.9	74300.0	-4445.3	1965	10.2	74913.5	-4419.9
1786	10.4	73613.6	-4441.0	1876	10.4	74301.0	-4427.1	1966	8.1	74916.0	-4453.7
1787	9.5	73616.1	-4418.4	1877	9.9	74304.5	-4440.5	1967	10.0	74916.0	-4459.3
1788	10.0	73616.1	-4438.3	1878	9.6	74305.5	-4438.8	1968	10.2	74919.3	-4457.9
1789	9.8	73616.4	-4454.7	1879	9.8	74312.0	-4447.5	1969	10.0	74926.5	-4446.2
1790	10.0	73618.4	-4444.6	1880	9.9	74313.1	-4458.4	1970	9.6	74930.0	-4406.0
1791	8.5	73621.6	-4401.9	1881	10.4	74328.5	-4445.2	1971	10.4	74935.0	-4449.1
1792	9.8	73622.1	-4402.4	1882	10.0	74331.5	-4455.6	1972	9.4	74941.0	-4451.0
1793	10.4	73622.1	-4429.3	1883	9.8	74332.0	-4446.7	1973	10.4	74943.0	-4419.2
1794	10.0	73629.1	-4431.5	1884	10.2	74333.5	-4415.0	1974	8.6	74948.0	-4426.6
1795	10.4	73631.1	-4434.8	1885	9.4	74333.5	-4459.2	1975	10.4	74951.4	-4442.2
1796	10.2	73633.1	-4408.0	1886	9.7	74343.5	-4450.8	1976	8.5	74954.5	-4432.8
1797	10.4	73635.1	-4437.2	1887	10.0	74345.0	-4426.2	1977	10.4	74956.5	-4440.2
1798	9.8	73636.6	-4408.8	1888	9.6	74348.0	-4438.2	1978	10.2	74959.5	-4436.6
1799	10.1	73636.9	-4425.0	1889	10.0	74356.0	-4436.2	1979	10.0	75005.5	-4403.9
1800	10.4	73644.6	-4420.9	1890	10.4	74356.5	-4439.2	1980	9.8	75007.5	-4410.7
1801	10.0	73650.1	-4450.0	1891	8.4	74403.0	-4414.0	1981	10.4	75009.5	-4428.3
1802	10.2	73655.9	-4400.0	1892	9.8	74405.0	-4406.4	1982	9.8	75011.0	-4410.8
1803	10.4	73659.6	-4438.8	1893	9.7	74407.0	-4413.2	1983	10.4	75013.0	-4459.9
1804	9.3	73705.1	-4402.1	1894	9.9	74409.9	-4424.2	1984	10.4	75013.0	-4455.0
1805	10.4	73711.1	-4446.1	1895	10.1	74412.9	-4433.7	1985	8.1	75013.2	-4458.1
1806	10.1	73720.1	-4442.9	1896	10.1	74421.9	-4430.1	1986	10.1	75014.0	-4447.9
1807	10.0	73721.8	-4433.2	1897	10.4	74423.0	-4421.9	1987	10.0	75015.5	-4416.4
1808	10.4	73722.1	-4436.8	1898	10.4	74423.4	-4428.1	1988	10.4	75022.0	-4427.3
1809	7.4	73726.9	-4420.3	1899	9.0	74430.0	-4456.9	1989	9.4	75023.0	-4425.6
1810	7.8	73732.1	-4435.4	1900	9.9	74438.9	-4405.5	1990	9.2	75027.5	-4430.0
1811	10.4	73735.1	-4420.8	1901	10.4	74447.4	-4426.5	1991	9.4	75028.0	-4413.3

-44 2081 7h55m

1992	9.6	75028.5	-4406.6	2052	10.4	75409.4	-4420.0				
1993	9.1	75033.0	-4417.6	2053	9.6	75412.4	-4433.5				
1994	10.2	75036.4	-4402.7	2054	9.4	75412.9	-4414.2				
1995	7.4	75043.9	-4401.8	2055	10.2	75416.4	-4440.2				
1996	7.9	75047.0	-4403.0	2056	10.2	75421.4	-4403.2				
1997	9.4	75051.5	-4401.9	2057	10.2	75426.4	-4414.3				
1998	10.4	75053.5	-4443.5	2058	8.7	75427.1	-4458.7				
1999	9.2	75055.0	-4445.0	2059	9.9	75427.4	-4449.6				
2000	8.9	75059.5	-4438.2	2060	10.4	75434.4	-4416.5				
2001	10.4	75104.5	-4454.2	2061	9.2	75437.4	-4410.2				
2002	10.1	75106.0	-4416.8	2062	10.2	75441.4	-4418.9				
2003	10.4	75106.5	-4425.8	2063	9.7	75443.4	-4445.9				
2004	9.9	75109.4	-4402.4	2064	9.4	75448.9	-4425.8				
2005	10.2	75109.5	-4426.3	2065	8.8	75456.4	-4450.8				
2006	10.4	75109.5	-4427.0	2066	10.0	75502.4	-4446.3				
2007	10.4	75110.0	-4446.1	2067	6.5	75503.7	-4452.5				
2008	10.0	75113.0	-4411.5	2068	10.4	75504.9	-4400.4				
2009	9.6	75118.5	-4458.4	2069	10.4	75505.2	-4434.6				
2010	10.4	75119.0	-4435.4	2070	10.4	75509.2	-4423.7				
2011	10.1	75123.7	-4458.4	2071	9.2	75511.7	-4409.4				
2012	9.7	75126.5	-4437.3	2072	9.6	75516.7	-4448.6				
2013	10.4	75133.5	-4455.1	2073	10.4	75517.7	-4452.3				
2014	10.4	75133.5	-4423.0	2074	10.2	75518.7	-4440.1				
2015	10.0	75140.5	-4442.1	2075	10.4	75522.2	-4402.1				
2016	9.9	75142.7	-4418.4	2076	10.4	75529.7	-4450.7				
2017	9.7	75143.5	-4405.6	2077	10.2	75535.7	-4436.9				
2018	8.8	75144.0	-4426.5	2078	9.0	75539.2	-4408.4				
2019	7.8	75155.5	-4417.2	2079	9.8	75539.7	-4429.0				
2020	10.4	75201.5	-4429.0	2080	10.4	75545.7	-4437.3				
2021	8.8	75203.0	-4434.8	2081	10.2	75552.2	-4439.4				
2022	10.1	75210.0	-4441.6								
2023	10.4	75211.0	-4431.0								
2024	10.4	75215.0	-4444.0								
2025	9.2	75219.5	-4414.9								
2026	10.4	75221.5	-4437.3								
2027	10.2	75226.5	-4426.4								
2028	9.3	75228.5	-4450.9								
2029	10.2	75230.5	-4454.6								
2030	10.4	75238.0	-4403.9								
2031	9.2	75239.0	-4441.9								
2032	10.4	75243.5	-4418.9								
2033	10.4	75244.5	-4440.5								
2034	10.4	75253.0	-4418.9								
2035	10.4	75258.5	-4444.6								
2036	10.2	75305.4	-4413.0								
2037	9.7	75305.8	-4402.2								
2038	9.7	75318.4	-4446.2								
2039	9.4	75311.9	-4447.0								
2040	9.7	75315.4	-4408.2								
2041	9.7	75319.4	-4425.3								
2042	9.6	75325.4	-4409.9								
2043	10.2	75326.7	-4401.3								
2044	9.8	75327.4	-4405.8								
2045	10.4	75334.0	-4400.0								
2046	10.4	75339.4	-4432.2								
2047	10.0	75342.7	-4400.0								
2048	10.2	75343.9	-4421.4								
2049	10.4	75346.9	-4422.6								
2050	10.1	75359.4	-4456.0								
2051	9.8	75402.9	-4429.3								

-44 2082 7h55m

-44 2441 8h13m

2082	10.0	75552.7 -4446.1	2172	10.0	80000.5 -4412.0	2262	8.4	80412.4 -4432.6	2352	9.8	80902.9 -4404.9
2083	7.8	75603.2 -4440.9	2173	10.4	80004.5 -4403.2	2263	10.4	80420.5 -4430.0	2353	9.8	80902.9 -4446.1
2084	10.2	75603.7 -4420.9	2174	10.4	80004.5 -4430.7	2264	9.9	80421.2 -4452.0	2354	9.7	80902.9 -4440.8
2085	10.4	75603.7 -4409.3	2175	10.4	80008.0 -4420.3	2265	10.4	80422.5 -4411.2	2355	9.8	80903.9 -4445.7
2086	9.7	75607.2 -4442.5	2176	10.0	80015.3 -4401.9	2266	10.2	80423.0 -4410.9	2356	10.2	80905.9 -4454.8
2087	8.0	75609.2 -4418.5	2177	9.1	80018.0 -4439.4	2267	10.4	80423.5 -4439.5	2357	10.2	80906.9 -4411.2
2088	9.4	75612.2 -4433.8	2178	10.4	80020.0 -4427.3	2268	9.7	80425.5 -4409.8	2358	9.9	80907.4 -4428.1
2089	10.2	75613.2 -4408.3	2179	10.4	80030.5 -4407.1	2269	9.2	80426.9 -4457.6	2359	9.2	80908.9 -4427.2
2090	10.2	75615.7 -4448.6	2180	10.4	80032.5 -4402.8	2270	9.0	80429.5 -4446.1	2360	10.2	80909.4 -4411.4
2091	10.4	75616.7 -4445.1	2181	10.4	80035.5 -4426.1	2271	9.9	80431.2 -4438.1	2361	10.2	80910.4 -4400.4
2092	10.2	75617.2 -4459.4	2182	10.4	80035.5 -4403.9	2272	10.2	80432.5 -4418.4	2362	10.2	80910.9 -4442.9
2093	10.4	75620.7 -4407.7	2183	10.0	80038.0 -4422.4	2273	10.2	80432.5 -4418.5	2363	10.0	80912.9 -4420.9
2094	10.4	75623.2 -4425.2	2184	10.4	80038.5 -4426.8	2274	9.8	80435.7 -4430.5	2364	9.7	80914.6 -4401.0
2095	9.7	75624.0 -4458.6	2185	9.9	80041.0 -4403.1	2275	10.0	80437.2 -4404.6	2365	10.0	80917.4 -4427.5
2096	10.4	75625.2 -4438.0	2186	9.7	80043.0 -4459.8	2276	10.4	80438.5 -4413.1	2366	10.0	80920.9 -4437.5
2097	9.1	75626.2 -4434.3	2187	10.4	80045.0 -4415.4	2277	8.1	80439.0 -4404.2	2367	9.6	80922.9 -4442.4
2098	10.2	75626.7 -4420.4	2188	10.2	80048.0 -4451.5	2278	10.4	80442.5 -4431.9	2368	9.2	80925.9 -4453.6
2099	9.2	75628.2 -4455.1	2189	10.1	80052.5 -4409.1	2279	7.9	80447.0 -4422.6	2369	10.2	80929.9 -4420.8
2100	8.8	75635.7 -4418.6	2190	9.3	80055.0 -4403.6	2280	10.1	80450.7 -4433.2	2370	9.8	80934.4 -4423.3
2101	7.6	75638.0 -4459.7	2191	10.4	80059.0 -4431.6	2281	10.4	80451.0 -4439.5	2371	9.5	80936.9 -4451.6
2102	9.7	75641.2 -4411.7	2192	10.4	80101.0 -4424.4	2282	9.6	80451.7 -4420.9	2372	10.2	80939.4 -4415.2
2103	10.1	75647.2 -4420.3	2193	10.2	80102.0 -4433.1	2283	10.2	80453.2 -4431.2	2373	9.8	80944.7 -4456.6
2104	10.4	75650.2 -4416.9	2194	9.9	80102.0 -4438.2	2284	10.0	80453.7 -4451.9	2374	10.2	80948.4 -4440.6
2105	9.8	75657.2 -4427.3	2195	10.4	80115.0 -4402.5	2285	9.9	80457.2 -4447.7	2375	8.0	80952.9 -4422.3
2106	9.7	75658.7 -4406.8	2196	10.4	80129.5 -4459.0	2286	10.2	80510.2 -4451.2	2376	7.8	80958.9 -4411.8
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2108	10.4	75706.2 -4450.0	2198	9.6	80131.0 -4410.1	2288	9.2	80522.9 -4412.9	2378	9.8	80959.7 -4439.6
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2110	10.4	75720.7 -4424.3	2200	10.4	80139.0 -4442.9	2290	10.2	80536.9 -4428.1	2380	10.0	81002.5 -4458.4
2111	9.8	75728.2 -4430.9	2201	7.5	80142.0 -4448.7	2291	9.6	80537.9 -4431.0	2381	9.5	81004.7 -4425.2
2112	10.4	75730.2 -4418.0	2202	9.0	80150.5 -4433.9	2292	8.9	80541.2 -4458.9	2382	9.6	81006.7 -4417.1
2113	10.1	75730.7 -4459.4	2203	10.4	80151.5 -4409.0	2293	9.6	80542.9 -4403.9	2383	9.6	81009.2 -4453.2
2114	8.0	75733.2 -4453.1	2204	9.8	80152.5 -4437.2	2294	10.2	80543.7 -4457.0	2384	10.0	81011.7 -4413.8
2115	9.8	75734.2 -4435.1	2205	10.4	80154.5 -4405.4	2295	9.7	80547.9 -4402.3	2385	9.2	81012.7 -4440.6
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2117	10.2	75737.2 -4423.5	2207	10.2	80159.0 -4433.2	2297	9.8	80550.9 -4444.5	2387	9.9	81014.7 -4416.1
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2119	10.4	75739.2 -4420.1	2209	10.0	80200.5 -4428.2	2299	10.2	80555.4 -4402.1	2389	9.7	81022.7 -4451.9
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2126	10.4	75754.7 -4422.4	2216	10.4	80222.5 -4451.8	2306	10.2	80630.4 -4409.0	2396	9.8	81044.2 -4444.1
2127	9.8	75754.7 -4441.3	2217	9.4	80224.0 -4453.9	2307	10.2	80635.9 -4411.3	2397	9.0	81044.8 -4458.3
2128	9.6	75756.7 -4450.7	2218	10.2	80227.0 -4409.8	2308	9.8	80639.4 -4403.8	2398	10.2	81045.7 -4447.6
2129	9.8	75803.2 -4430.1	2219	10.4	80234.0 -4403.9	2309	9.8	80640.9 -4426.3	2399	9.1	81055.7 -4420.8
2130	9.1	75807.2 -4402.3	2220	10.4	80234.5 -4412.9	2310	9.9	80641.9 -4441.9	2400	10.2	81057.1 -4436.3
2131	10.4	75809.2 -4406.0	2221	10.4	80236.5 -4434.1	2311	10.2	80641.9 -4415.3	2401	9.8	81059.2 -4450.9
2132	10.4	75812.2 -4406.0	2222	9.6	80237.0 -4430.4	2312	10.0	80650.4 -4448.8	2402	10.0	81100.2 -4417.8
2133	9.9	75812.2 -4409.5	2223	10.2	80239.5 -4435.8	2313	10.2	80652.4 -4454.2	2403	9.1	81104.2 -4455.1
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2135	8.8	75818.7 -4448.2	2225	10.2	80246.5 -4426.6	2315	10.2	80701.9 -4435.1	2405	10.2	81108.7 -4406.3
2136	9.6	75820.2 -4428.4	2226	10.4	80247.5 -4444.4	2316	10.2	80704.9 -4431.0	2406	9.2	81112.7 -4425.0
2137	10.2	75822.7 -4421.5	2227	9.0	80249.0 -4435.3	2317	8.5	80710.9 -4447.6	2407	10.0	81114.2 -4441.8
2138	7.3	75824.7 -4419.0	2228	8.9	80249.5 -4441.3	2318	10.2	80711.9 -4408.3	2408	10.2	81116.7 -4424.3
2139	10.4	75828.7 -4445.0	2229	10.2	80250.0 -4412.0	2319	9.3	80713.4 -4423.0	2409	9.8	81119.2 -4402.5
2140	10.4	75829.2 -4427.0	2230	9.6	80254.5 -4401.8	2320	10.0	80713.9 -4407.3	2410	9.2	81124.2 -4421.2
2141	10.4	75830.2 -4434.3	2231	10.2	80255.5 -4423.1	2321	10.2	80714.1 -4453.6	2411	9.9	81124.2 -4435.4
2142	9.9	75838.0 -4458.9	2232	9.0	80301.5 -4414.6	2322	9.6	80719.4 -4404.7	2412	10.2	81125.2 -4406.1
2143	10.4	75841.2 -4403.2	2233	10.2	80301.5 -4449.8	2323	9.6	80725.1 -4400.5	2413	8.8	81125.7 -4450.4
2144	10.4	75844.2 -4428.0	2234	9.8	80304.0 -4423.3	2324	10.2	80726.9 -4427.9	2414	9.4	81127.7 -4442.0
2145	10.2	75847.2 -4413.8	2235	10.2	80309.0 -4441.9	2325	9.8	80727.4 -4414.7	2415	9.0	81130.7 -4450.8
2146	10.4	75847.7 -4415.5	2236	9.8	80311.0 -4412.6	2326	10.2	80729.4 -4429.7	2416	9.8	81132.7 -4400.4
2147	9.6	75854.2 -4445.7	2237	10.4	80314.0 -4446.0	2327	9.8	80730.4 -4416.9	2417	9.3	81134.4 -4402.5
2148	10.4	75857.7 -4412.5	2238	10.0	80315.0 -4448.5	2328	10.0	80736.9 -4406.9	2418	10.2	81135.7 -4449.5
2149	9.7	75859.2 -4440.2	2239	10.4	80321.0 -4418.2	2329	9.8	80740.9 -4423.8	2419	10.2	81140.7 -4425.7
2150	9.4	75900.7 -4450.9	2240	10.4	80324.0 -4442.1	2330	10.2	80741.9 -4433.9	2420	9.5	81143.2 -4423.7
2151	10.4	75902.2 -4414.5	2241	7.6	80331.5 -4447.1	2331	9.0	80744.4 -4448.0	2421	9.7	81144.2 -4411.3
2152	9.8	75907.2 -4404.6	2242	10.4	80332.8 -4459.2	2332	8.9	80745.4 -4432.0	2422	10.2	81145.7 -4426.1
2153	9.7	75907.2 -4417.1	2243	10.4	80334.0 -4410.3	2333	10.2	80751.1 -4421.6	2423	10.2	81147.2 -4440.1
2154	10.4	75909.2 -4453.3	2244	10.4	80336.0 -4409.8	2334	9.0	80754.4 -4405.3	2424	9.4	81152.7 -4434.9
2155	9.0	75909.2 -4456.0	2245	10.4	80341.5 -4411.5	2335	9.9	80800.9 -4410.3	2425	9.9	81156.2 -4413.4
2156	9.9	75910.2 -4440.9	2246	10.2	80344.5 -4420.2	2336	10.2	80800.9 -4416.7	2426	9.8	81156.7 -4439.9
2157	9.7	75910.7 -4436.4	2247	10.4	80345.0 -4458.5	2337	10.2	80802.9 -4412.1	2427	9.2	81205.2 -4418.9
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2159	10.2	75919.7 -4455.3	2249	10.4	80351.0 -4430.8	2339	10.2	80813.4 -4443.1	2429	10.2	81216.2 -4421.9
2160	9.6	75922.7 -4427.1	2250	10.2	80352.0 -4418.1	2340	10.0	80818.9 -4428.5	2430	9.0	81216.7 -4446.8
2161	9.4	75925.2 -4432.4	2251	9.8	80352.5 -4449.4	2341	9.7	80825.4 -4446.8	2431	9.2	81221.7 -4404.5
2162	10.2	75931.0 -4456.9	2252	10.0	80355.2 -4429.3	2342	9.8	80828.4 -4446.3	2432	9.8	81229.2 -4417.3
2163	10.4	75941.2 -4409.3	2253	9.0	80355.5 -4429.8	2343	8.4	80829.9 -4441.1	2433	10.2	81230.7 -4453.1
2164	10.4	75943.2 -4432.9	2254	10.4	80356.0 -4433.6	2344	9.8	80830.9 -4448.8	2434	10.2	81231.7 -4457.2
2165	10.4	75945.5 -4428.8	2255	9.7	80401.0 -4419.1	2345	9.0	80832.4 -4401.1	2435	10.2	81233.2 -4419.6
2166	9.8	75945.5 -4458.6	2256	9.8	80402.7 -4440.7	2346	10.2	80832.9 -4426.3	2436	9.6	81239.2 -4428.6
2167	10.4	75950.4 -4458.4	2257	8.1	80403.5 -4441.6	2347	9.2	80840.9 -4419.2	2437	9.5	81245.2 -4403.7
2168	9.6	75954.0 -4437.2	2258	9.4	80403.5 -4458.3	2348	10.2	80851.1 -4458.1	2438	9.6	81245.7 -4443.1
2169	10.1	75957.5 -4443.1	2259	9.7	80404.2 -4401.4	2349	10.2	80851.3 -4401.8	2439	10.2	81250.7 -4414.5
2170	10.0	75958.5 -4402.9	2260	9.7	80407.0 -4441.9	2350	9.9	80859.4 -4456.5	2440	10.2	81257.7 -4453.9
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-44 2442 8h13m

2442 8.4	81303.7 -4416.7	2532 9.7	81739.4 -4458.0
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2465 9.6	81424.3 -4459.1	2555 10.2	81838.4 -4411.6
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2468 9.9	81429.2 -4439.3	2558 9.7	81852.9 -4438.0
2469 9.9	81432.3 -4457.3	2559 10.0	81902.7 -4426.6
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2471 9.2	81437.2 -4415.9	2561 9.6	81908.2 -4441.6
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2473 9.2	81443.2 -4411.5	2563 8.0	81911.7 -4433.8
2474 9.8	81445.2 -4439.4	2564 10.2	81912.1 -4400.2
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2485 9.9	81512.2 -4449.0	2575 9.6	81941.2 -4430.6
2486 9.6	81514.2 -4450.3	2576 9.8	81941.2 -4434.0
2487 9.8	81514.7 -4418.7	2577 10.2	81950.2 -4408.1
2488 10.2	81515.2 -4443.8	2578 9.0	81952.2 -4406.1
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2490 9.2	81521.7 -4400.0	2580 9.5	81958.2 -4439.7
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2492 9.6	81530.6 -4438.6	2582 8.5	82000.2 -4449.9
2493 9.8	81532.6 -4452.5	2583 9.9	82005.7 -4417.0
2494 10.2	81533.1 -4415.7	2584 10.2	82008.7 -4450.1
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2496 9.6	81546.6 -4455.1	2586 9.2	82011.2 -4441.0
2497 9.8	81558.6 -4431.5	2587 9.0	82012.4 -4400.8
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2501 9.8	81614.6 -4416.6	2591 10.2	82022.7 -4411.1
2502 10.2	81621.6 -4429.1	2592 9.8	82049.9 -4433.1
2503 9.8	81623.1 -4448.8	2593 10.2	82054.9 -4449.7
2504 10.0	81623.6 -4433.7	2594 9.9	82058.4 -4420.8
2505 10.2	81624.1 -4402.1	2595 10.0	82059.4 -4454.0
2506 9.8	81624.1 -4451.0	2596 10.2	82059.9 -4431.0
2507 9.6	81629.6 -4445.1	2597 9.0	82109.9 -4445.2
2508 9.8	81631.1 -4400.9	2598 10.2	82112.9 -4445.5
2509 10.2	81638.1 -4451.0	2599 9.6	82114.9 -4436.4
2510 9.9	81640.6 -4423.3	2600 9.8	82118.4 -4418.9
2511 10.2	81641.1 -4403.4	2601 10.2	82120.4 -4453.2
2512 9.3	81644.1 -4438.0	2602 9.2	82121.4 -4412.1
2513 9.4	81652.1 -4419.1	2603 9.4	82125.4 -4457.5
2514 10.0	81654.6 -4444.6	2604 9.6	82125.9 -4458.9
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2517 9.2	81700.6 -4434.1	2607 10.2	82139.9 -4446.1
2518 9.6	81706.1 -4420.2	2608 10.2	82140.9 -4436.5
2519 10.2	81711.1 -4400.7	2609 9.9	82142.4 -4444.9
2520 10.0	81712.9 -4425.0	2610 10.2	82143.4 -4442.8
2521 10.2	81714.4 -4425.3	2611 9.6	82147.9 -4432.0
2522 8.0	81718.4 -4435.6	2612 10.0	82152.4 -4421.2
2523 9.0	81718.9 -4445.5	2613 9.8	82215.9 -4405.9
2524 10.2	81723.9 -4425.9	2614 10.2	82219.9 -4405.9
2525 8.8	81724.4 -4408.5	2615 10.2	82223.4 -4400.4
2526 8.4	81730.4 -4436.2	2616 10.2	82227.9 -4410.2
2527 9.7	81731.9 -4441.5	2617 9.6	82228.4 -4410.9
2528 10.2	81732.9 -4429.5	2618 9.8	82228.9 -4412.5
2529 9.6	81733.9 -4435.6	2619 8.4	82230.4 -4426.3
2530 10.2	81736.4 -4454.5	2620 9.4	82232.9 -4412.9
2531 10.2	81737.4 -4437.5	2621 9.7	82235.9 -4439.0
2622 9.8	82239.9 -4453.7	2692 9.6	82639.7 -4406.6
2623 9.8	82240.9 -4436.9	2693 8.5	82641.7 -4411.7
2624 10.0	82245.9 -4413.8	2694 9.2	82641.7 -4433.2
2625 9.6	82245.9 -4426.9	2695 9.3	82643.2 -4400.9
2626 10.2	82251.8 -4433.0	2696 9.6	82645.7 -4451.7
2627 9.2	82255.8 -4411.3	2697 10.2	82648.2 -4406.6
2628 9.8	82255.8 -4421.0	2698 8.8	82658.7 -4404.7
2629 10.0	82302.3 -4440.9	2699 9.0	82659.7 -4409.1
2630 9.3	82304.8 -4448.4	2700 9.0	82702.8 -4402.1
2631 9.7	82306.8 -4400.1	2701 9.4	82707.2 -4452.9
2632 8.6	82310.8 -4441.7	2702 10.2	82707.2 -4413.6
2633 10.0	82314.8 -4432.7	2703 9.8	82708.7 -4452.6
2634 10.0	82317.8 -4402.4	2704 9.2	82711.7 -4405.7
2635 8.2	82318.3 -4412.4	2705 9.9	82715.2 -4400.7
2636 9.9	82318.8 -4434.6	2706 9.2	82719.7 -4401.0
2637 9.3	82321.8 -4436.0	2707 9.6	82724.7 -4434.7
2638 10.2	82322.1 -4444.9	2708 10.2	82735.2 -4438.9
2639 10.2	82322.8 -4422.3	2709 9.8	82736.6 -4452.0
2640 10.0	82323.1 -4442.3	2710 9.8	82736.7 -4419.6
2641 10.0	82323.3 -4415.5	2711 9.6	82738.6 -4404.7
2642 9.5	82329.8 -4447.2	2712 10.0	82739.6 -4443.5
2643 9.6	82331.8 -4439.7	2713 10.0	82741.6 -4452.0
2644 10.2	82333.3 -4448.4	2714 9.5	82744.6 -4443.4
2645 9.6	82335.8 -4451.2	2715 10.2	82746.6 -4458.7
2646 10.0	82341.8 -4403.1	2716 9.9	82759.6 -4435.0
2647 10.2	82349.8 -4435.1	2717 9.2	82802.9 -4458.8
2648 9.9	82351.3 -4416.5	2718 9.6	82804.6 -4430.7
2649 10.0	82351.3 -4421.1	2719 9.8	82814.1 -4451.8
2650 10.2	82351.8 -4401.0	2720 9.2	82819.6 -4406.7
2651 9.7	82400.8 -4404.9	2721 9.8	82832.6 -4420.5
2652 9.2	82404.3 -4406.6	2722 8.6	82842.6 -4455.1
2653 9.9	82411.4 -4458.3	2723 9.1	82846.1 -4442.4
2654 10.2	82419.3 -4448.3	2724 10.2	82846.6 -4453.5
2655 10.2	82420.8 -4434.9	2725 9.6	82851.6 -4435.2
2656 10.2	82422.3 -4405.7	2726 10.2	82854.4 -4400.3
2657 10.2	82424.3 -4415.4	2727 10.2	82855.6 -4405.0
2658 10.0	82439.8 -4411.9	2728 9.1	82857.6 -4445.3
2659 10.2	82445.8 -4403.8	2729 10.2	82903.1 -4450.7
2660 10.2	82449.8 -4434.0	2730 10.2	82908.6 -4406.1
2661 10.2	82452.3 -4407.7	2731 9.2	82910.6 -4453.1
2662 9.8	82457.8 -4456.0	2732 10.2	82914.1 -4406.3
2663 9.7	82458.8 -4439.3	2733 10.2	82917.8 -4434.4
2664 8.7	82500.8 -4428.0	2734 9.7	82918.6 -4412.9
2665 9.8	82504.3 -4440.7	2735 9.8	82918.6 -4443.3
2666 9.2	82504.3 -4448.3	2736 8.7	82919.6 -4434.5
2667 8.9	82515.2 -4418.3	2737 9.8	82926.6 -4443.7
2668 10.2	82519.7 -4448.1	2738 9.2	82928.1 -4404.1
2669 9.6	82520.7 -4456.0	2739 9.7	82929.6 -4430.3
2670 10.2	82524.2 -4432.8	2740 8.1	82929.6 -4431.1
2671 9.3	82527.7 -4424.6	2741 10.2	82931.1 -4442.8
2672 9.2	82528.2 -4426.0	2742 9.6	82931.6 -4405.9
2673 10.2	82529.7 -4417.5	2743 9.8	82931.6 -4406.7
2674 9.8	82531.0 -4458.3	2744 8.8	82933.1 -4429.5
2675 9.6	82533.2 -4453.6	2745 10.0	82933.3 -4458.9
2676 10.0	82535.2 -4435.9	2746 9.8	82936.1 -4423.5
2677 8.4	82539.2 -4419.4	2747 8.8	82939.6 -4458.3
2678 8.8	82544.7 -4446.1	2748 9.4	82940.8 -4408.9
2679 9.8	82551.7 -4409.9	2749 9.6	82941.3 -4431.8
2680 9.8	82552.2 -4450.9	2750 9.2	82942.8 -4403.7
2681 10.0	82553.2 -4409.4	2751 7.9	82952.8 -4407.0
2682 9.6	82609.2 -4408.2	2752 10.2	82952.8 -4441.1
2683 10.2	82612.2 -4442.1	2753 10.2	82957.3 -4408.0
2684 9.8	82622.2 -4437.1	2754 8.8	82958.8 -4422.4
2685 7.4	82625.7 -4418.9	2755 10.0	83007.3 -4403.9
2686 9.6	82626.2 -4441.5	2756 9.0	83009.8 -4415.7
2687 10.2	82630.7 -4402.6	2757 10.0	83012.8 -4432.9
2688 9.6	82630.7 -4422.9	2758 9.4	83012.8 -4435.5
2689 9.8	82631.7 -4408.2	2759 8.8	83013.8 -4404.7
2690 9.6	82633.2 -4453.0	2760 9.6	83016.8 -4452.7
2691 9.8	82635.2 -4442.3	2761 9.8	83019.8 -4454.7
2772 9.6	83058.3 -4448.9	2762 8.4	83020.3 -4400.6
2773 10.2	83058.3 -4436.5	2763 8.1	83025.3 -4406.0
2774 10.2	83101.3 -4454.7	2764 10.0	83035.3 -4422.7
2775 9.4	83102.3 -4417.6	2765 9.0	83038.8 -4427.3
2776 9.6	83102.8 -4419.5	2766 10.0	83038.8 -4410.7
2777 9.7	83103.8 -4415.9	2767 9.2	83040.3 -4449.7
2778 9.8	83106.3 -4413.9	2768 9.2	83051.3 -4420.0
2779 9.6	83107.8 -4423.7	2769 9.2	83052.8 -4401.1
2780 9.9	83112.8 -4415.5	2770 8.4	83054.8 -4447.9
2781 9.7	83120.8 -4451.5	2771 9.6	83054.8 -4436.1
2782 10.2	83128.8 -4419.9	2783 10.2	83130.5 -4401.5
2784 9.6	83131.6 -4418.8	2785 9.6	83132.8 -4428.5
2786 10.0	83133.2 -4427.9	2787 9.8	83133.7 -4456.3
2788 9.6	83137.7 -4413.5	2789 9.6	83143.2 -4414.1
2790 10.2	83145.4 -4433.9	2791 10.2	83146.2 -4437.1
2792 10.0	83147.2 -4411.1	2793 10.0	83148.9 -4440.2
2794 10.0	83150.4 -4433.7	2795 10.0	83150.9 -4430.7
2796 10.2	83153.6 -4415.1	2797 10.2	83155.4 -4441.7
2798 9.3	83158.9 -4417.5	2799 9.5	83200.9 -4415.8
2800 10.2	83202.1 -4417.0	2801 10.2	83203.2 -4457.4

-44 2801 8h32m

-44 2802 8h32m

-44 3161 8h47m

2802	10.2	83203.4	-4422.0	2892	10.2	83545.6	-4412.3	2982	9.8	83929.3	-4438.1
2803	10.2	83203.9	-4454.3	2893	10.2	83547.1	-4402.1	2983	9.4	83933.3	-4439.0
2804	9.8	83208.9	-4451.0	2894	9.5	83548.6	-4412.4	2984	10.2	83935.3	-4428.1
2805	8.5	83209.4	-4459.6	2895	9.8	83552.1	-4447.3	2985	10.0	83936.3	-4406.2
2806	9.8	83210.6	-4451.8	2896	10.2	83552.1	-4438.1	2986	9.5	83941.8	-4439.9
2807	9.8	83214.9	-4410.3	2897	10.2	83600.1	-4437.0	2987	10.2	83941.8	-4450.1
2808	10.2	83217.4	-4412.6	2898	10.2	83602.1	-4433.3	2988	8.6	83943.3	-4410.8
2809	9.6	83217.6	-4414.4	2899	9.8	83602.6	-4459.9	2989	10.2	83949.8	-4402.3
2810	10.2	83222.6	-4443.7	2900	9.8	83603.6	-4421.7	2990	9.6	83950.3	-4433.3
2811	10.2	83222.9	-4410.0	2901	10.2	83603.6	-4450.0	2991	10.2	83950.3	-4416.1
2812	9.8	83231.1	-4433.8	2902	10.2	83606.1	-4409.8	2992	9.8	83951.7	-4457.2
2813	9.4	83232.2	-4448.9	2903	9.8	83608.1	-4444.2	2993	10.0	83954.3	-4439.5
2814	9.5	83236.1	-4444.6	2904	9.8	83610.1	-4445.3	2994	10.2	83957.3	-4421.8
2815	9.8	83238.9	-4404.3	2905	10.2	83611.6	-4417.3	2995	9.4	84000.3	-4416.2
2816	10.0	83242.2	-4417.2	2906	9.8	83616.6	-4403.0	2996	10.2	84001.3	-4401.3
2817	8.8	83246.1	-4451.2	2907	7.7	83620.6	-4444.8	2997	10.0	84002.3	-4433.2
2818	10.1	83248.1	-4421.7	2908	10.2	83625.6	-4444.0	2998	9.8	84003.3	-4445.1
2819	9.3	83248.6	-4431.3	2909	10.1	83625.6	-4456.8	2999	10.0	84004.8	-4425.1
2820	10.2	83252.6	-4421.5	2910	9.6	83628.6	-4413.5	3000	10.2	84005.8	-4430.6
2821	10.2	83255.1	-4429.0	2911	8.0	83632.1	-4436.9	3001	10.2	84006.3	-4454.2
2822	9.5	83300.1	-4404.9	2912	8.6	83634.1	-4418.3	3002	9.4	84010.3	-4430.5
2823	9.8	83304.4	-4402.2	2913	9.8	83639.1	-4420.5	3003	9.6	84012.3	-4412.3
2824	8.3	83305.6	-4446.2	2914	9.6	83642.1	-4412.3	3004	10.0	84012.8	-4415.9
2825	10.2	83321.1	-4425.9	2915	10.2	83643.6	-4418.2	3005	10.2	84013.3	-4441.3
2826	10.1	83323.1	-4407.1	2916	9.4	83646.1	-4435.0	3006	9.8	84013.3	-4456.4
2827	9.3	83324.6	-4409.9	2917	9.8	83647.6	-4422.0	3007	9.8	84016.3	-4454.5
2828	10.0	83324.6	-4416.6	2918	9.8	83652.1	-4454.1	3008	10.0	84019.3	-4426.3
2829	9.8	83329.6	-4448.6	2919	10.2	83655.1	-4421.1	3009	10.2	84020.5	-4400.5
2830	10.2	83330.1	-4405.2	2920	8.6	83658.6	-4449.9	3010	10.2	84021.8	-4415.4
2831	9.8	83332.6	-4445.2	2921	9.1	83704.1	-4419.4	3011	10.2	84022.3	-4422.4
2832	10.2	83332.6	-4441.6	2922	9.6	83705.1	-4455.1	3012	10.2	84023.3	-4454.8
2833	10.2	83332.6	-4408.2	2923	9.6	83707.6	-4432.5	3013	9.8	84025.8	-4448.8
2834	10.0	83332.6	-4412.9	2924	10.1	83710.6	-4455.7	3014	9.8	84026.8	-4448.0
2835	10.2	83333.6	-4406.8	2925	10.2	83713.1	-4441.0	3015	9.8	84028.3	-4456.3
2836	10.2	83336.8	-4457.1	2926	10.2	83713.8	-4403.0	3016	7.4	84032.3	-4405.6
2837	9.0	83338.6	-4403.0	2927	10.2	83714.3	-4423.8	3017	9.8	84033.3	-4426.4
2838	9.4	83342.6	-4409.0	2928	10.1	83716.3	-4407.5	3018	10.2	84035.3	-4431.5
2839	10.2	83342.6	-4402.8	2929	7.4	83718.3	-4432.7	3019	10.0	84042.3	-4420.1
2840	9.0	83346.1	-4454.3	2930	10.2	83719.4	-4457.9	3020	10.2	84042.8	-4440.7
2841	9.8	83349.4	-4400.7	2931	9.8	83721.3	-4449.1	3021	9.0	84044.3	-4407.6
2842	9.3	83349.6	-4421.9	2932	9.6	83727.3	-4428.0	3022	10.1	84046.3	-4451.8
2843	9.8	83351.6	-4448.2	2933	10.2	83729.3	-4428.8	3023	10.0	84050.3	-4403.2
2844	9.6	83352.6	-4434.8	2934	10.2	83729.7	-4400.0	3024	10.2	84051.3	-4418.1
2845	10.0	83352.6	-4431.8	2935	10.0	83738.3	-4445.1	3025	9.5	84100.1	-4459.2
2846	9.8	83353.1	-4411.1	2936	6.0	83741.6	-4457.9	3026	9.6	84100.8	-4440.8
2847	9.8	83355.6	-4425.4	2937	10.1	83742.3	-4429.9	3027	10.2	84102.3	-4421.3
2848	10.0	83356.1	-4450.4	2938	10.2	83746.3	-4450.7	3028	9.6	84102.3	-4415.3
2849	8.2	83356.1	-4454.1	2939	9.8	83746.8	-4421.1	3029	10.2	84105.3	-4427.1
2850	9.2	83400.1	-4433.4	2940	9.6	83749.3	-4448.2	3030	10.0	84110.3	-4432.9
2851	10.2	83402.1	-4420.3	2941	10.1	83750.8	-4441.5	3031	8.8	84112.8	-4431.9
2852	9.5	83406.1	-4408.8	2942	10.0	83753.8	-4438.4	3032	10.2	84113.9	-4457.2
2853	9.6	83409.1	-4455.2	2943	10.2	83755.3	-4415.7	3033	10.1	84118.3	-4447.0
2854	10.2	83410.6	-4427.5	2944	10.2	83756.3	-4455.5	3034	10.0	84120.3	-4440.2
2855	10.1	83410.6	-4415.1	2945	10.1	83756.8	-4453.2	3035	10.2	84125.3	-4437.0
2856	9.2	83412.6	-4428.9	2946	9.6	83802.3	-4434.2	3036	10.0	84125.8	-4441.7
2857	9.6	83413.6	-4436.2	2947	10.2	83805.8	-4435.3	3037	9.8	84129.8	-4414.1
2858	10.0	83415.6	-4409.3	2948	10.2	83806.3	-4405.3	3038	10.2	84130.3	-4414.8
2859	9.6	83416.1	-4425.7	2949	9.6	83807.3	-4404.9	3039	9.6	84130.8	-4437.5
2860	10.2	83421.1	-4410.3	2950	10.2	83809.3	-4434.4	3040	9.6	84130.8	-4445.8
2861	9.6	83423.1	-4434.8	2951	10.0	83812.3	-4416.9	3041	10.0	84134.8	-4425.0
2862	10.2	83428.1	-4438.9	2952	10.2	83812.8	-4430.8	3042	9.6	84135.3	-4419.7
2863	10.2	83440.1	-4411.8	2953	10.2	83812.8	-4429.4	3043	9.8	84135.8	-4450.2
2864	10.2	83441.6	-4426.9	2954	10.2	83816.3	-4459.0	3044	9.8	84136.3	-4415.8
2865	9.8	83443.1	-4452.8	2955	9.8	83817.3	-4433.5	3045	9.8	84141.8	-4409.3
2866	10.1	83444.6	-4448.3	2956	10.1	83821.3	-4431.4	3046	10.1	84143.3	-4406.0
2867	10.1	83452.6	-4414.5	2957	9.6	83821.8	-4434.1	3047	10.1	84144.3	-4443.6
2868	9.6	83452.6	-4405.9	2958	10.2	83825.3	-4440.9	3048	10.2	84145.8	-4427.2
2869	9.5	83452.6	-4424.3	2959	10.2	83832.3	-4430.5	3049	10.2	84147.3	-4403.6
2870	10.2	83453.6	-4409.6	2960	9.6	83833.3	-4412.5	3050	10.2	84148.2	-4438.3
2871	10.2	83500.6	-4452.3	2961	10.0	83838.8	-4450.5	3051	9.0	84149.3	-4441.1
2872	10.0	83504.1	-4437.2	2962	9.6	83842.3	-4454.1	3052	10.0	84151.8	-4401.8
2873	9.8	83504.1	-4430.9	2963	9.1	83844.3	-4435.5	3053	10.2	84152.3	-4450.2
2874	9.4	83506.1	-4429.1	2964	9.8	83846.3	-4406.0	3054	10.2	84152.8	-4445.5
2875	10.2	83509.6	-4415.2	2965	10.1	83846.3	-4434.2	3055	9.8	84200.8	-4440.5
2876	10.1	83510.6	-4404.6	2966	9.8	83851.8	-4426.2	3056	10.2	84203.8	-4443.0
2877	10.2	83512.6	-4401.9	2967	10.2	83852.8	-4417.1	3057	9.0	84206.3	-4426.7
2878	9.6	83517.1	-4447.6	2968	9.8	83854.3	-4443.1	3058	10.2	84209.8	-4411.2
2879	9.8	83517.6	-4420.9	2969	10.2	83856.3	-4420.3	3059	10.2	84210.8	-4452.4
2880	9.6	83518.6	-4441.8	2970	9.8	83901.8	-4412.0	3060	10.2	84211.8	-4429.2
2881	9.8	83520.9	-4402.0	2971	10.0	83902.3	-4440.6	3061	9.6	84214.3	-4402.0
2882	10.0	83525.6	-4418.2	2972	9.6	83904.3	-4407.7	3062	10.2	84215.3	-4428.7
2883	8.4	83532.6	-4419.5	2973	10.2	83916.3	-4414.4	3063	9.2	84219.1	-4456.9
2884	10.1	83537.1	-4428.9	2974	9.8	83916.8	-4407.4	3064	9.5	84221.3	-4451.7
2885	10.1	83537.6	-4421.0	2975	10.2	83917.3	-4431.0	3065	10.2	84226.2	-4458.1
2886	9.0	83540.6	-4441.7	2976	9.8	83918.8	-4440.9	3066	10.2	84226.3	-4447.6
2887	8.6	83540.6	-4420.5	2977	10.2	83920.3	-4400.6	3067	10.2	84228.3	-4432.0
2888	10.0	83542.1	-4422.4	2978	10.2	83923.3	-4427.0	3068	9.8	84233.3	-4415.8
2889	9.8	83542.6	-4417.0	2979	10.0	83924.3	-4430.6	3069	10.0	84234.8	-4448.3
2890	10.1	83544.6	-4451.9	2980	9.0	83924.8	-4441.1	3070	10.2	84236.8	-4454.8
2891	8.4	83545.6	-4416.3	2981	9.6	83927.3	-4403.6	3071	9.8	84240.3	-4448.3

-44 3162 8h47m

3162 10.0	84707.0 -4454.2	3252 10.1	85238.5 -4454.7
3163 9.6	84707.5 -4452.1	3253 9.8	85239.5 -4449.1
3164 9.4	84708.0 -4408.4	3254 10.2	85239.7 -4430.2
3165 9.8	84712.0 -4436.1	3255 10.2	85240.0 -4416.3
3166 9.6	84725.5 -4420.3	3256 9.8	85240.0 -4440.5
3167 9.5	84729.0 -4407.6	3257 9.4	85242.5 -4433.9
3168 9.8	84735.5 -4441.0	3258 9.8	85246.0 -4439.1
3169 10.0	84739.5 -4432.9	3259 10.0	85254.5 -4426.9
3170 10.1	84743.4 -4445.9	3260 9.6	85258.7 -4402.9
3171 9.8	84745.9 -4413.9	3261 9.8	85307.5 -4432.7
3172 10.2	84746.9 -4431.6	3262 10.2	85311.7 -4408.3
3173 10.1	84748.4 -4420.1	3263 9.8	85311.7 -4402.5
3174 10.2	84751.9 -4442.0	3264 9.8	85318.0 -4407.7
3175 9.8	84755.4 -4422.1	3265 10.2	85323.0 -4448.1
3176 10.2	84759.9 -4445.8	3266 10.2	85325.7 -4436.2
3177 9.6	84802.4 -4448.1	3267 10.1	85327.5 -4430.8
3178 10.2	84804.4 -4431.1	3268 10.2	85329.6 -4459.0
3179 9.3	84804.9 -4436.5	3269 10.2	85331.5 -4419.7
3180 10.2	84808.4 -4405.1	3270 8.8	85335.0 -4423.1
3181 9.8	84811.4 -4407.3	3271 10.0	85339.5 -4414.3
3182 9.6	84813.9 -4405.7	3272 10.0	85349.5 -4452.9
3183 10.0	84814.9 -4458.5	3273 10.0	85401.5 -4401.9
3184 9.6	84815.4 -4403.9	3274 9.6	85402.5 -4450.9
3185 9.3	84816.4 -4449.1	3275 9.2	85414.0 -4425.8
3186 10.2	84818.9 -4408.4	3276 10.0	85415.5 -4408.3
3187 9.8	84819.9 -4424.7	3277 10.0	85418.5 -4418.9
3188 9.8	84828.4 -4410.6	3278 9.4	85421.0 -4426.9
3189 10.0	84828.9 -4411.0	3279 9.8	85424.5 -4434.1
3190 9.8	84830.4 -4440.2	3280 10.2	85430.5 -4453.3
3191 9.1	84831.4 -4457.9	3281 10.2	85432.0 -4415.5
3192 9.8	84832.9 -4441.4	3282 10.2	85436.5 -4451.3
3193 10.2	84835.9 -4431.3	3283 10.2	85437.5 -4457.9
3194 9.0	84843.4 -4454.1	3284 10.2	85443.0 -4411.3
3195 9.5	84843.4 -4454.2	3285 9.6	85455.5 -4407.9
3196 10.2	84849.9 -4438.5	3286 9.8	85504.3 -4427.1
3197 9.6	84850.4 -4442.7	3287 9.6	85513.8 -4412.1
3198 10.2	84853.4 -4456.0	3288 9.8	85514.3 -4440.3
3199 9.8	84854.4 -4431.5	3289 9.2	85518.3 -4433.3
3200 9.8	84855.4 -4414.1	3290 9.5	85519.3 -4448.7
3201 10.2	84856.2 -4400.0	3291 9.8	85521.3 -4451.2
3202 10.2	84858.4 -4432.1	3292 8.6	85522.8 -4409.3
3203 10.2	84859.7 -4445.3	3293 9.8	85524.3 -4438.7
3204 8.8	84910.4 -4449.2	3294 9.4	85526.3 -4413.0
3205 9.8	84911.9 -4454.2	3295 9.6	85530.8 -4454.9
3206 9.3	84915.4 -4452.5	3296 10.2	85530.8 -4448.1
3207 8.4	84933.4 -4454.2	3297 9.6	85531.3 -4429.7
3208 9.6	84938.9 -4400.9	3298 10.1	85533.3 -4447.9
3209 9.8	84941.6 -4402.7	3299 9.4	85539.3 -4434.9
3210 9.6	84945.9 -4454.2	3300 10.0	85547.8 -4450.9
3211 9.8	84951.4 -4408.9	3301 10.0	85550.8 -4446.[illegible]
3212 10.2	84959.8 -4429.1	3302 10.1	85551.3 -4429.[illegible]
3213 8.1	85003.8 -4458.9	3303 10.1	85552.8 -4416.[illegible]
3214 9.2	85005.3 -4450.8	3304 9.8	85553.3 -4451.[illegible]
3215 9.6	85021.8 -4445.5	3305 10.2	85553.8 -4417.[illegible]
3216 9.6	85022.6 -4401.6	3306 10.2	85555.8 -4414.9
3217 10.0	85026.8 -4429.0	3307 9.5	85600.3 -4410.8
3218 9.8	85031.8 -4452.8	3308 10.0	85600.8 -4444.3
3219 10.2	85033.3 -4453.4	3309 9.8	85600.8 -4416.7
3220 10.2	85033.3 -4421.7	3310 9.6	85602.3 -4400.7
3221 10.2	85038.3 -4406.8	3311 9.0	85610.3 -4443.3
3222 10.0	85040.8 -4405.7	3312 9.5	85621.3 -4443.0
3223 9.8	85041.3 -4452.0	3313 10.2	85627.3 -4421.5
3224 10.2	85046.3 -4445.3	3314 10.2	85629.3 -4437.3
3225 9.0	85051.8 -4436.9	3315 10.2	85630.3 -4431.5
3226 7.0	85056.3 -4433.8	3316 10.0	85639.3 -4413.2
3227 10.2	85056.3 -4449.0	3317 10.0	85641.3 -4453.9
3228 10.2	85058.8 -4450.2	3318 10.2	85645.3 -4453.9
3229 9.8	85109.8 -4415.1	3319 10.2	85651.3 -4418.5
3230 10.2	85111.8 -4409.1	3320 10.1	85652.3 -4435.1
3231 9.6	85129.3 -4415.1	3321 9.8	85654.8 -4416.7
3232 10.1	85131.3 -4420.0	3322 9.8	85659.8 -4421.9
3233 10.2	85131.3 -4415.5	3323 9.5	85702.8 -4424.3
3234 9.6	85136.8 -4401.2	3324 9.8	85705.3 -4452.5
3235 9.6	85137.8 -4427.1	3325 9.8	85724.3 -4431.3
3236 10.2	85143.8 -4404.8	3326 10.2	85730.8 -4439.9
3237 10.2	85145.8 -4438.5	3327 10.2	85736.1 -4419.0
3238 9.6	85150.0 -4414.3	3328 10.0	85737.1 -4403.0
3239 8.6	85153.3 -4455.2	3329 10.2	85739.2 -4459.1
3240 9.8	85153.3 -4430.3	3330 10.2	85744.6 -4407.9
3241 10.1	85154.8 -4417.9	3331 9.8	85749.1 -4434.1
3242 10.1	85201.3 -4439.6	3332 9.8	85750.6 -4440.2
3243 9.6	85204.8 -4448.0	3333 9.8	85751.1 -4415.6
3244 10.1	85206.3 -4452.8	3334 9.8	85758.6 -4432.9
3245 10.2	85209.8 -4441.7	3335 9.6	85801.1 -4443.2
3246 9.5	85215.3 -4416.3	3336 10.0	85802.1 -4416.5
3247 10.1	85220.3 -4417.5	3337 10.0	85804.6 -4443.1
3248 10.2	85223.8 -4403.9	3338 9.8	85805.1 -4444.1
3249 10.1	85225.5 -4436.3	3339 10.2	85807.6 -4431.1
3250 9.4	85233.5 -4408.1	3340 10.0	85815.2 -4443.1
3251 10.2	85236.0 -4408.8	3341 8.4	85817.6 -4409.0

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3342 9.6	85819.1 -4446.4	3432 10.6	90256.0 -4426.9
3343 9.6	85820.6 -4407.4	3433 10.6	90258.0 -4400.5
3344 9.8	85821.6 -4413.7	3434 10.4	90304.5 -4443.9
3345 9.8	85823.6 -4432.5	3435 10.6	90308.5 -4415.9
3346 10.0	85824.1 -4409.0	3436 7.4	90311.0 -4407.7
3347 9.2	85827.1 -4402.7	3437 10.6	90311.0 -4411.2
3348 10.2	85827.1 -4451.8	3438 10.6	90313.0 -4411.9
3349 10.0	85829.1 -4405.9	3439 10.5	90313.7 -4458.8
3350 9.8	85835.1 -4408.1	3440 10.4	90316.1 -4439.0
3351 10.2	85839.1 -4428.7	3441 10.6	90321.0 -4453.2
3352 8.6	85842.1 -4452.9	3442 9.8	90325.0 -4436.8
3353 10.2	85845.1 -4412.5	3443 8.7	90328.0 -4403.2
3354 9.1	85855.6 -4425.0	3444 10.6	90328.0 -4444.8
3355 10.2	85900.6 -4411.7	3445 10.0	90329.5 -4430.7
3356 10.2	85901.1 -4447.8	3446 9.8	90332.2 -4400.6
3357 9.4	85902.6 -4439.3	3447 8.1	90337.5 -4438.2
3358 10.0	85910.1 -4439.7	3448 10.4	90337.5 -4437.2
3359 9.2	85911.6 -4453.3	3449 10.6	90337.5 -4412.9
3360 9.6	85912.1 -4449.2	3450 10.4	90339.5 -4416.3
3361 10.2	85912.6 -4434.2	3451 9.8	90356.5 -4450.1
3362 9.4	85917.8 -4424.2	3452 10.5	90356.5 -4445.3
3363 10.2	85919.3 -4400.6	3453 10.1	90359.0 -4445.1
3364 9.8	85920.6 -4433.3	3454 10.6	90401.5 -4421.6
3365 9.2	85922.8 -4426.4	3455 10.0	90402.5 -4429.4
3366 9.6	85927.5 -4448.8	3456 10.4	90408.0 -4441.0
3367 9.8	85931.6 -4408.2	3457 9.4	90420.2 -4459.9
3368 10.2	85934.0 -4454.7	3458 10.6	90424.5 -4438.4
3369 10.2	85939.1 -4426.6	3459 10.6	90428.3 -4427.8
3370 9.8	85947.8 -4444.2	3460 9.8	90439.0 -4451.7
3371 9.8	85949.1 -4411.9	3461 10.0	90446.0 -4454.9
3372 10.6	85949.1 -4451.0	3462 10.6	90451.0 -4421.0
3373 10.2	85951.0 -4447.0	3463 10.5	90452.0 -4416.5
3374 9.8	85952.0 -4455.7	3464 10.5	90454.5 -4401.0
3375 10.4	85956.9 -4453.6	3465 9.2	90457.5 -4410.5
3376 10.6	90008.3 -4401.7	3466 9.6	90457.5 -4457.4
3377 10.4	90016.9 -4437.7	3467 8.7	90458.0 -4403.6
3378 8.4	90018.0 -4405.6	3468 10.6	90459.0 -4410.2
3379 8.4	90018.0 -4418.7	3469 10.5	90501.0 -4416.1
3380 10.2	90018.5 -4446.2	3470 9.8	90503.5 -4448.7
3381 10.2	90019.0 -4454.6	3471 10.6	90506.5 -4411.9
3382 9.1	90028.5 -4428.3	3472 10.4	90512.5 -4400.1
3383 10.6	90031.5 -4444.7	3473 10.6	90515.5 -4448.1
3384 10.6	90033.7 -4402.0	3474 10.4	90519.5 -4448.1
3385 9.6	90036.0 -4415.7	3475 10.6	90522.5 -4450.0
3386 9.1	90039.0 -4433.4	3476 10.0	90526.5 -4431.9
3387 10.6	90039.5 -4458.0	3477 10.0	90539.0 -4441.2
3388 10.1	90040.0 -4403.9	3478 10.4	90551.0 -4423.9
3389 10.1	90044.5 -4404.5	3479 10.0	90552.0 -4452.9
3390 9.8	90049.0 -4413.5	3480 10.0	90557.5 -4400.0
3391 9.8	90059.0 -4413.8	3481 10.1	90600.5 -4448.2
3392 9.4	90100.0 -4414.9	3482 10.6	90601.0 -4408.9
3393 6.6	90103.0 -4434.2	3483 10.5	90601.5 -4434.8
3394 10.1	90106.5 -4428.6	3484 10.6	90603.5 -4451.8
3395 8.5	90110.5 -4436.9	3485 9.4	90604.0 -4437.1
3396 8.0	90111.5 -4439.6	3486 10.6	90607.3 -4434.5
3397 10.6	90112.5 -4435.7	3487 10.6	90608.5 -4435.8
3398 10.5	90113.0 -4422.2	3488 10.1	90610.0 -4443.8
3399 10.4	90113.5 -4404.1	3489 9.2	90621.5 -4447.9
3400 9.6	90121.0 -4412.8	3490 10.5	90622.0 -4451.9
3401 10.4	90121.5 -4418.8	3491 10.0	90625.0 -4431.8
3402 10.6	90121.5 -4427.0	3492 9.8	90630.0 -4433.2
3403 9.4	90123.0 -4428.1	3493 10.5	90631.5 -4422.5
3404 10.6	90125.0 -4414.8	3494 10.5	90631.5 -4424.0
3405 8.9	90126.2 -4458.6	3495 6.2	90632.0 -4421.3
3406 9.4	90132.5 -4432.1	3496 9.8	90632.0 -4430.2
3407 10.2	90133.0 -4433.3	3497 10.6	90634.0 -4416.9
3408 9.7	90136.5 -4444.0	3498 10.0	90637.5 -4414.3
3409 8.0	90139.0 -4456.3	3499 8.2	90639.5 -4426.2
3410 10.4	90143.5 -4450.3	3500 10.1	90641.0 -4419.9
3411 10.4	90149.5 -4426.0	3501 10.6	90645.0 -4443.9
3412 10.1	90158.0 -4442.0	3502 10.2	90651.0 -4412.4
3413 10.6	90158.5 -4430.6	3503 9.6	90652.5 -4400.4
3414 8.9	90200.5 -4436.7	3504 10.2	90653.5 -4425.6
3415 10.6	90201.5 -4413.3	3505 10.2	90657.5 -4459.1
3416 10.6	90202.5 -4454.0	3506 10.6	90659.0 -4433.8
3417 10.6	90204.5 -4426.5	3507 10.1	90659.0 -4400.8
3418 9.8	90205.0 -4441.0	3508 10.0	90659.3 -4421.1
3419 10.6	90206.0 -4450.9	3509 10.2	90701.0 -4426.5
3420 10.6	90208.5 -4400.5	3510 10.0	90706.5 -4437.2
3421 10.0	90213.5 -4428.0	3511 10.0	90707.2 -4456.7
3422 10.6	90216.5 -4410.4	3512 9.6	90707.5 -4401.9
3423 10.6	90221.0 -4442.0	3513 10.4	90712.0 -4434.8
3424 10.1	90226.0 -4453.8	3514 10.0	90714.0 -4402.3
3425 10.0	90229.5 -4408.9	3515 10.6	90717.5 -4438.2
3426 10.5	90231.0 -4408.5	3516 10.0	90718.5 -4456.2
3427 10.4	90231.5 -4434.5	3517 10.6	90721.0 -4441.2
3428 10.2	90233.0 -4442.9	3518 7.9	90721.5 -4443.3
3429 10.6	90234.0 -4416.1	3519 10.4	90724.5 -4432.3
3430 10.6	90235.0 -4429.8	3520 10.4	90730.5 -4453.1
3431 10.6	90250.5 -4411.2	3521 10.2	90731.0 -4410.1

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-44 3881 9h29m

3522	10.6	90733.7	-4424.9	3612	9.7	91146.5	-4427.3	3702	10.4	91623.8	-4437.6
3523	10.6	90740.0	-4439.2	3613	10.5	91152.5	-4409.7	3703	7.8	91627.8	-4430.7
3524	10.4	90741.5	-4416.6	3614	10.6	91155.5	-4437.8	3704	9.7	91627.8	-4411.1
3525	8.9	90743.0	-4457.0	3615	10.6	91156.0	-4456.0	3705	10.4	91628.8	-4443.5
3526	10.6	90755.0	-4436.7	3616	8.9	91201.5	-4433.3	3706	10.6	91632.0	-4402.5
3527	9.6	90759.0	-4407.9	3617	10.6	91212.0	-4440.8	3707	10.6	91632.3	-4438.2
3528	9.8	90815.0	-4412.3	3618	10.4	91212.5	-4455.1	3708	10.4	91634.3	-4435.7
3529	10.6	90821.5	-4459.2	3619	10.6	91212.6	-4400.1	3709	10.6	91637.8	-4429.2
3530	10.0	90825.0	-4423.1	3620	10.0	91222.5	-4427.6	3710	10.2	91642.3	-4440.0
3531	10.2	90829.0	-4441.3	3621	7.4	91223.0	-4429.4	3711	10.1	91645.3	-4406.3
3532	10.6	90832.5	-4452.9	3622	10.5	91224.0	-4418.2	3712	10.6	91646.8	-4428.0
3533	9.4	90832.5	-4430.2	3623	9.8	91231.0	-4447.9	3713	9.2	91652.8	-4456.6
3534	10.6	90834.5	-4429.2	3624	10.0	91237.5	-4449.3	3714	10.1	91656.8	-4427.8
3535	10.2	90837.0	-4437.3	3625	10.5	91239.0	-4459.1	3715	9.4	91702.3	-4423.4
3536	10.6	90839.0	-4409.3	3626	10.6	91239.8	-4457.7	3716	9.2	91702.8	-4423.7
3537	10.6	90839.0	-4413.9	3627	10.0	91241.0	-4419.9	3717	10.6	91705.8	-4449.9
3538	9.7	90839.5	-4432.6	3628	8.7	91246.5	-4412.6	3718	10.0	91707.8	-4448.6
3539	10.6	90842.0	-4431.1	3629	10.6	91248.5	-4427.6	3719	10.0	91710.3	-4412.5
3540	9.4	90842.5	-4453.7	3630	10.2	91249.5	-4435.2	3720	10.6	91711.8	-4458.3
3541	10.5	90849.0	-4428.5	3631	9.4	91258.5	-4420.2	3721	10.6	91717.3	-4451.5
3542	10.6	90852.5	-4452.4	3632	10.1	91307.0	-4430.6	3722	9.6	91732.1	-4431.0
3543	10.5	90854.0	-4405.3	3633	10.1	91307.5	-4425.0	3723	10.6	91732.6	-4414.2
3544	8.8	90857.5	-4406.0	3634	10.4	91308.0	-4429.2	3724	10.1	91744.1	-4436.0
3545	10.6	90901.0	-4438.3	3635	10.6	91308.0	-4455.6	3725	10.6	91755.1	-4422.4
3546	9.2	90910.0	-4453.1	3636	10.5	91308.6	-4458.7	3726	10.0	91756.6	-4401.9
3547	10.6	90911.0	-4413.7	3637	9.8	91310.0	-4406.7	3727	9.8	91810.6	-4443.1
3548	10.0	90911.5	-4436.1	3638	10.0	91311.5	-4435.3	3728	10.5	91813.1	-4446.8
3549	10.1	90912.0	-4413.5	3639	10.4	91314.0	-4439.6	3729	10.6	91821.6	-4444.5
3550	10.0	90915.5	-4432.3	3640	8.9	91314.8	-4458.0	3730	9.6	91827.4	-4401.7
3551	10.2	90916.0	-4420.1	3641	10.2	91321.0	-4432.0	3731	9.4	91828.1	-4423.7
3552	9.3	90916.5	-4443.7	3642	10.6	91321.2	-4410.0	3732	8.2	91832.6	-4425.8
3553	10.1	90917.0	-4446.2	3643	10.6	91325.0	-4411.9	3733	10.6	91836.6	-4448.3
3554	9.8	90921.9	-4459.1	3644	10.6	91328.0	-4442.1	3734	10.5	91841.1	-4413.2
3555	10.2	90927.0	-4452.3	3645	10.5	91329.0	-4454.3	3735	10.6	91843.6	-4443.5
3556	9.4	90929.0	-4400.1	3646	9.4	91330.5	-4414.1	3736	10.6	91846.1	-4409.5
3557	10.6	90930.0	-4413.9	3647	9.7	91331.5	-4430.1	3737	10.6	91846.6	-4402.7
3558	10.5	90930.5	-4436.3	3648	9.8	91332.5	-4426.3	3738	10.4	91856.1	-4409.7
3559	9.2	90931.5	-4431.3	3649	10.6	91334.0	-4428.8	3739	9.8	91902.1	-4419.4
3560	10.6	90936.0	-4424.5	3650	10.0	91335.0	-4435.9	3740	10.5	91904.6	-4453.9
3561	9.7	90937.0	-4429.3	3651	9.8	91337.5	-4400.6	3741	10.6	91908.1	-4406.5
3562	10.4	90938.5	-4437.3	3652	8.9	91340.0	-4428.3	3742	10.6	91909.1	-4413.5
3563	10.0	90939.0	-4412.7	3653	10.6	91346.5	-4405.1	3743	10.0	91918.6	-4426.4
3564	8.4	90940.0	-4433.1	3654	10.2	91348.5	-4416.2	3744	10.0	91919.1	-4422.0
3565	10.2	90941.0	-4408.3	3655	10.2	91350.5	-4413.3	3745	9.4	91922.6	-4406.9
3566	10.6	90941.5	-4452.3	3656	8.9	91353.0	-4428.9	3746	10.6	91923.1	-4446.8
3567	10.0	90944.0	-4445.3	3657	10.2	91353.0	-4409.2	3747	8.9	91926.1	-4456.3
3568	10.2	90950.2	-4457.9	3658	10.0	91358.9	-4450.1	3748	9.4	91928.1	-4409.0
3569	10.4	90958.5	-4446.1	3659	8.2	91359.0	-4405.4	3749	9.2	91932.1	-4427.3
3570	10.0	91000.5	-4408.1	3660	10.4	91401.0	-4444.7	3750	10.0	91937.1	-4410.7
3571	9.4	91000.5	-4407.0	3661	10.6	91401.0	-4440.2	3751	9.8	91940.8	-4401.8
3572	10.4	91004.5	-4455.3	3662	10.0	91405.0	-4456.2	3752	10.4	91944.1	-4414.9
3573	10.5	91005.0	-4437.3	3663	10.2	91408.5	-4456.1	3753	9.4	91948.6	-4415.8
3574	10.6	91010.0	-4411.9	3664	9.4	91410.0	-4435.7	3754	10.0	91951.1	-4421.7
3575	9.4	91014.5	-4418.7	3665	10.4	91412.5	-4418.9	3755	10.6	91956.4	-4400.9
3576	10.2	91015.5	-4436.8	3666	8.1	91416.0	-4428.9	3756	9.2	91958.6	-4414.8
3577	8.9	91018.0	-4406.5	3667	10.6	91419.0	-4408.2	3757	10.0	91959.6	-4409.6
3578	10.2	91018.0	-4448.1	3668	10.4	91434.0	-4422.3	3758	10.5	92003.1	-4412.2
3579	10.5	91018.5	-4413.7	3669	10.6	91437.0	-4422.9	3759	10.5	92005.6	-4444.2
3580	10.0	91024.0	-4442.5	3670	10.4	91437.5	-4430.8	3760	10.6	92015.1	-4419.0
3581	10.6	91026.0	-4436.3	3671	10.4	91452.0	-4439.4	3761	9.0	92023.6	-4450.2
3582	9.3	91029.0	-4412.7	3672	10.6	91454.5	-4420.9	3762	9.8	92024.1	-4417.0
3583	10.6	91031.5	-4448.3	3673	10.5	91459.0	-4426.4	3763	9.7	92026.1	-4445.2
3584	10.4	91035.5	-4437.3	3674	10.4	91511.5	-4418.8	3764	10.5	92028.1	-4418.6
3585	10.1	91037.5	-4429.1	3675	10.2	91513.0	-4429.2	3765	10.6	92034.6	-4416.1
3586	10.2	91038.5	-4423.5	3676	9.8	91513.0	-4446.9	3766	9.2	92036.6	-4456.9
3587	10.0	91039.5	-4453.1	3677	10.6	91518.0	-4433.3	3767	10.0	92045.6	-4418.6
3588	9.8	91040.0	-4421.5	3678	10.6	91519.0	-4439.8	3768	9.8	92055.6	-4416.0
3589	10.6	91041.5	-4412.9	3679	10.4	91521.5	-4408.8	3769	9.6	92058.6	-4423.2
3590	10.0	91041.5	-4413.7	3680	10.6	91524.0	-4433.6	3770	10.6	92101.6	-4414.6
3591	10.2	91047.0	-4436.7	3681	10.5	91524.5	-4425.0	3771	9.4	92109.6	-4455.6
3592	10.2	91051.0	-4411.7	3682	10.1	91525.8	-4403.9	3772	9.7	92110.1	-4435.0
3593	8.5	91052.5	-4423.3	3683	10.4	91526.0	-4401.6	3773	10.0	92128.1	-4413.1
3594	10.4	91053.5	-4422.2	3684	10.6	91528.3	-4445.9	3774	10.4	92140.1	-4408.0
3595	9.8	91057.0	-4419.4	3685	10.6	91538.3	-4417.7	3775	9.6	92149.6	-4449.7
3596	10.6	91101.0	-4423.1	3686	7.7	91538.8	-4438.7	3776	10.1	92204.6	-4422.0
3597	10.6	91102.5	-4437.7	3687	10.0	91540.8	-4410.6	3777	10.0	92212.1	-4443.0
3598	10.6	91102.5	-4456.6	3688	10.6	91542.8	-4444.3	3778	10.4	92212.1	-4444.1
3599	9.1	91109.0	-4424.3	3689	10.2	91544.3	-4443.0	3779	10.6	92216.6	-4440.1
3600	9.7	91112.0	-4455.1	3690	10.6	91549.8	-4420.3	3780	10.6	92220.6	-4402.8
3601	10.4	91115.0	-4453.6	3691	10.2	91550.8	-4420.4	3781	10.6	92225.1	-4452.3
3602	10.6	91121.0	-4410.3	3692	10.6	91552.5	-4458.0	3782	10.4	92232.1	-4420.0
3603	10.6	91121.0	-4444.5	3693	10.6	91558.3	-4420.8	3783	10.6	92233.1	-4458.5
3604	10.4	91124.0	-4455.5	3694	10.6	91600.8	-4425.0	3784	10.6	92235.1	-4445.4
3605	7.0	91129.5	-4422.7	3695	10.6	91601.3	-4430.5	3785	9.6	92237.1	-4446.2
3606	10.4	91130.5	-4447.8	3696	10.6	91604.8	-4453.1	3786	10.6	92239.8	-4434.9
3607	10.1	91132.0	-4407.8	3697	9.3	91607.8	-4445.6	3787	10.4	92240.1	-4416.8
3608	10.2	91135.0	-4423.9	3698	10.6	91610.3	-4407.7	3788	9.4	92251.1	-4458.0
3609	10.6	91138.5	-4439.2	3699	10.6	91616.8	-4418.5	3789	10.5	92258.1	-4440.0
3610	10.2	91140.0	-4403.7	3700	10.5	91617.3	-4407.3	3790	10.0	92259.6	-4408.2
3611	10.6	91142.5	-4416.7	3701	9.4	91621.3	-4459.0	3791	10.6	92305.6	-4430.5
3792	10.6	92310.6	-4455.1								
3793	9.7	92313.6	-4408.6								
3794	9.4	92328.6	-4402.5								
3795	10.6	92342.1	-4439.7								
3796	10.0	92342.7	-4400.1								
3797	10.0	92352.1	-4400.9								
3798	7.6	92355.1	-4457.2								
3799	7.8	92400.6	-4457.3								
3800	10.0	92406.6	-4444.5								
3801	9.4	92408.6	-4411.1								
3802	10.6	92417.6	-4417.0								
3803	8.9	92424.6	-4415.1								
3804	10.6	92425.1	-4432.8								
3805	9.2	92426.1	-4454.7								
3806	10.5	92427.1	-4400.1								
3807	10.6	92428.1	-4441.5								
3808	10.0	92428.1	-4400.9								
3809	10.0	92434.6	-4419.8								
3810	10.6	92437.1	-4432.8								
3811	10.0	92503.6	-4421.8								
3812	10.1	92504.1	-4404.9								
3813	10.6	92506.1	-4443.3								
3814	10.0	92510.6	-4400.0								
3815	8.0	92511.1	-4421.5								
3816	10.0	92518.6	-4420.1								
3817	10.5	92518.6	-4444.3								
3818	10.6	92520.1	-4429.5								
3819	10.4	92524.1	-4401.4								
3820	10.2	92528.1	-4439.9								
3821	8.0	92537.6	-4418.7								
3822	9.6	92538.6	-4402.1								
3823	9.3	92543.1	-4444.9								
3824	8.4	92547.1	-4419.7								
3825	10.1	92558.1	-4411.9								
3826	10.4	92600.6	-4408.3								
3827	10.6	92602.1	-4417.1								
3828	10.6	92606.6	-4441.1								
3829	8.7	92616.1	-4441.9								
3830	10.6	92620.6	-4405.9								
3831	10.6	92622.1	-4412.7								
3832	8.9	92622.6	-4454.9								
3833	10.1	92627.1	-4431.7								
3834	9.4	92629.6	-4411.9								
3835	9.8	92629.6	-4432.1								
3836	8.9	92635.6	-4440.9								
3837	10.1	92638.6	-4410.9								
3838	10.4	92644.6	-4454.7								
3839	10.4	92644.6	-4407.3								
3840	9.7	92648.6	-4434.8								
3841	8.9	92649.1	-4456.5								
3842	9.6	92652.1	-4422.7								
3843	10.1	92654.6	-4418.7								
3844	10.4	92655.1	-4452.5								
3845	9.6	92656.4	-4447.5								
3846	10.1	92656.9	-4400.2								
3847	10.2	92709.1	-4446.6								
3848	10.0	92709.9	-4428.9								
3849	10.6	92714.6	-4424.3								
3850	10.6	92714.8	-4453.3								
3851	9.8	92716.6	-4428.3								
3852	9.6	92716.9	-4452.9								
3853	9.6	92725.9	-4410.4								
3854	10.6	92727.4	-4438.3								
3855	9.4	92728.9	-4400.5								
3856	10.6	92738.8	-4436.9								
3857	10.4	92744.3	-4419.1								
3858	9.9	92759.9	-4422.7								
3859	9.5	92808.2	-4442.4								
3860	9.6	92820.7	-4430.7								
3861	9.9	92822.8	-4400.5								
3862	10.4	92826.4	-4415.7								
3863	10.4	92827.2	-4422.2								
3864	7.8	92831.2	-4439.3								
3865	8.6	92831.2	-4457.8								
3866	10.4	92839.7	-4450.7								
3867	9.2	92847.1	-4400.4								
3868	10.1	92847.2	-4403.1								
3869	10.1	92850.2	-4454.8								
3870	10.0	92853.7	-4419.1								
3871	10.0	92855.7	-4411.9								
3872	9.8	92856.7	-4415.5								
3873	10.1	92858.2	-4406.7								
3874	10.4	92858.7	-4450.1								
3875	10.4	92859.2	-4403.1								
3876	10.4	92900.2	-4402.9								
3877	10.2	92901.7	-4445.9								
3878	10.2	92914.2	-4415.5								
3879	9.2	92918.2	-4438.0								
3880	10.4	92924.2	-4410.8								
3881	10.2	92927.7	-4410.8								

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3882	8.4	92929.7	-4412.6
3883	9.6	92931.2	-4426.0
3884	10.4	92931.7	-4420.8
3885	10.2	92932.2	-4406.4
3886	10.2	92944.2	-4417.1
3887	10.0	92951.7	-4446.1
3888	9.9	92954.2	-4417.9
3889	10.2	92955.7	-4434.7
3890	7.6	92957.7	-4415.6
3891	10.4	92957.7	-4453.5
3892	9.9	92958.2	-4414.3
3893	10.0	93000.2	-4404.3
3894	10.4	93001.2	-4454.7
3895	10.4	93004.1	-4436.6
3896	8.6	93011.7	-4440.4
3897	9.2	93011.7	-4431.2
3898	10.4	93012.7	-4437.8
3899	9.3	93014.4	-4401.0
3900	10.4	93018.2	-4432.2
3901	9.8	93020.7	-4456.4
3902	8.8	93030.2	-4403.4
3903	9.2	93031.7	-4418.9
3904	9.9	93042.3	-4458.0
3905	10.1	93043.2	-4408.5
3906	10.2	93046.2	-4438.8
3907	10.2	93047.7	-4446.4
3908	9.9	93053.7	-4457.1
3909	9.8	93058.2	-4446.1
3910	9.8	93100.2	-4406.3
3911	9.8	93100.7	-4438.4
3912	10.4	93101.2	-4433.0
3913	10.4	93103.1	-4445.9
3914	9.9	93103.7	-4449.9
3915	10.4	93107.1	-4406.6
3916	9.6	93108.2	-4452.4
3917	10.4	93110.1	-4405.9
3918	9.5	93118.2	-4403.7
3919	9.0	93119.2	-4407.2
3920	10.2	93120.2	-4425.3
3921	10.4	93122.2	-4425.0
3922	9.6	93122.2	-4410.3
3923	9.8	93122.2	-4440.9
3924	9.0	93124.0	-4402.9
3925	9.2	93125.2	-4446.5
3926	9.6	93130.7	-4430.8
3927	9.0	93134.2	-4439.1
3928	9.4	93151.7	-4457.8
3929	9.8	93151.7	-4441.9
3930	10.4	93202.7	-4431.9
3931	10.2	93204.5	-4400.4
3932	9.8	93212.2	-4416.2
3933	9.9	93213.2	-4426.6
3934	10.4	93223.2	-4410.6
3935	10.2	93229.2	-4424.5
3936	9.8	93229.7	-4449.4
3937	10.2	93231.1	-4417.0
3938	10.4	93232.2	-4427.5
3939	10.2	93233.2	-4433.7
3940	9.6	93234.7	-4401.0
3941	8.6	93238.2	-4411.3
3942	10.1	93240.2	-4425.3
3943	10.1	93241.7	-4408.8
3944	10.1	93246.7	-4428.3
3945	9.3	93247.7	-4414.0
3946	9.4	93248.7	-4449.5
3947	10.4	93249.7	-4443.0
3948	9.4	93252.4	-4400.7
3949	9.8	93253.2	-4406.7
3950	9.4	93254.9	-4401.1
3951	9.8	93255.7	-4404.0
3952	9.6	93258.2	-4430.4
3953	10.0	93300.2	-4430.9
3954	9.8	93305.2	-4421.3
3955	10.2	93306.2	-4437.3
3956	10.0	93310.2	-4427.9
3957	10.4	93312.2	-4409.5
3958	9.9	93312.2	-4432.2
3959	9.5	93316.7	-4458.8
3960	9.5	93319.2	-4403.3
3961	10.2	93321.7	-4407.2
3962	9.3	93322.2	-4455.3
3963	10.4	93322.7	-4429.1
3964	10.2	93324.2	-4454.8
3965	9.2	93324.7	-4408.7
3966	10.4	93329.2	-4430.4
3967	10.0	93333.2	-4442.1
3968	10.4	93333.7	-4429.2
3969	10.4	93335.1	-4431.1
3970	9.8	93336.7	-4415.1
3971	10.2	93339.7	-4438.5
3972	9.8	93340.2	-4451.0
3973	10.1	93342.2	-4412.9
3974	9.9	93343.7	-4440.2
3975	10.0	93350.7	-4440.9
3976	9.2	93353.7	-4426.4
3977	10.2	93357.2	-4442.8
3978	10.4	93359.1	-4429.0
3979	8.6	93403.7	-4456.1
3980	10.4	93404.1	-4439.1
3981	9.8	93406.2	-4455.6
3982	10.0	93406.7	-4434.8
3983	10.4	93408.7	-4454.8
3984	10.2	93411.7	-4429.0
3985	10.2	93412.2	-4443.1
3986	10.0	93413.7	-4439.4
3987	9.0	93420.2	-4451.8
3988	9.0	93421.7	-4400.4
3989	10.0	93431.3	-4457.1
3990	10.1	93431.7	-4422.0
3991	10.4	93438.2	-4417.0
3992	9.0	93441.2	-4436.5
3993	9.4	93442.2	-4421.4
3994	10.4	93446.2	-4407.9
3995	9.8	93448.7	-4424.0
3996	10.2	93450.2	-4425.0
3997	10.4	93452.7	-4439.4
3998	10.2	93455.7	-4415.6
3999	9.2	93502.2	-4429.3
4000	10.0	93514.2	-4425.8
4001	9.3	93518.7	-4426.4
4002	9.8	93520.2	-4400.5
4003	10.4	93522.7	-4438.8
4004	10.4	93523.7	-4435.0
4005	9.8	93525.2	-4402.1
4006	9.8	93529.2	-4443.8
4007	10.2	93531.2	-4409.8
4008	10.4	93532.1	-4403.9
4009	10.1	93535.2	-4449.1
4010	9.8	93535.7	-4431.3
4011	9.0	93540.2	-4402.2
4012	8.8	93541.1	-4459.7
4013	10.0	93544.7	-4417.3
4014	10.0	93549.2	-4442.4
4015	9.9	93552.2	-4433.7
4016	10.0	93554.7	-4432.4
4017	9.4	93602.7	-4429.9
4018	10.2	93605.7	-4428.4
4019	10.4	93605.7	-4450.5
4020	9.6	93611.2	-4410.8
4021	10.4	93614.2	-4430.2
4022	9.6	93616.1	-4413.8
4023	9.2	93617.2	-4435.8
4024	9.2	93620.7	-4415.2
4025	10.2	93623.2	-4430.3
4026	10.0	93626.2	-4435.0
4027	10.0	93628.5	-4402.7
4028	10.1	93630.2	-4424.7
4029	10.1	93630.2	-4452.1
4030	9.9	93631.7	-4424.2
4031	10.4	93632.2	-4405.8
4032	10.2	93637.7	-4441.1
4033	10.2	93639.7	-4446.2
4034	10.4	93640.2	-4408.9
4035	9.3	93640.7	-4437.1
4036	10.2	93642.2	-4403.3
4037	9.9	93642.2	-4402.6
4038	10.4	93643.2	-4407.4
4039	10.0	93649.7	-4445.3
4040	10.4	93650.7	-4420.5
4041	9.9	93655.7	-4452.4
4042	9.9	93658.2	-4432.7
4043	9.6	93700.2	-4429.3
4044	10.2	93703.2	-4401.9
4045	10.2	93705.7	-4414.0
4046	9.8	93711.7	-4402.1
4047	9.3	93715.7	-4458.0
4048	10.0	93716.7	-4455.9
4049	9.8	93724.2	-4433.2
4050	9.4	93726.2	-4419.4
4051	9.4	93726.7	-4453.3
4052	10.4	93726.7	-4400.0
4053	10.4	93726.7	-4436.5
4054	10.2	93727.2	-4403.0
4055	10.4	93733.7	-4437.5
4056	9.6	93735.2	-4406.1
4057	10.2	93741.2	-4414.1
4058	10.0	93741.7	-4446.1
4059	9.2	93742.7	-4429.1
4060	10.4	93754.2	-4433.1
4061	10.4	93756.7	-4439.3

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4062	10.4	93758.2	-4407.9
4063	10.2	93758.2	-4426.3
4064	10.2	93801.7	-4444.7
4065	10.2	93802.2	-4448.3
4066	9.9	93804.7	-4431.9
4067	10.1	93806.2	-4428.1
4068	10.0	93806.7	-4452.1
4069	9.8	93811.7	-4425.9
4070	8.8	93813.2	-4426.7
4071	10.0	93821.7	-4404.9
4072	10.0	93822.2	-4448.2
4073	10.2	93822.7	-4447.6
4074	9.8	93823.7	-4439.1
4075	9.9	93824.7	-4447.3
4076	10.4	93836.2	-4418.7
4077	9.8	93838.7	-4454.3
4078	10.4	93840.7	-4424.7
4079	10.4	93841.7	-4424.5
4080	9.9	93851.2	-4420.7
4081	10.4	93852.2	-4441.3
4082	9.3	93853.7	-4431.2
4083	10.0	93856.2	-4445.5
4084	9.8	93856.2	-4409.1
4085	10.2	93900.2	-4440.3
4086	10.4	93902.7	-4403.1
4087	10.2	93902.7	-4422.2
4088	10.4	93902.7	-4417.1
4089	10.4	93906.2	-4416.9
4090	10.4	93909.5	-4458.3
4091	8.2	93916.2	-4402.3
4092	10.1	93917.7	-4457.9
4093	10.1	93918.2	-4405.1
4094	9.4	93918.7	-4435.5
4095	10.4	93921.2	-4414.8
4096	10.4	93921.7	-4427.3
4097	9.8	93922.2	-4430.2
4098	9.6	93922.7	-4455.3
4099	10.2	93924.2	-4414.3
4100	9.4	93926.2	-4404.5
4101	10.0	93930.2	-4435.0
4102	10.4	93930.7	-4437.8
4103	10.1	93932.2	-4408.9
4104	9.2	93932.7	-4411.0
4105	9.6	93935.2	-4412.2
4106	9.2	93936.7	-4449.2
4107	9.8	93939.2	-4403.9
4108	9.9	93941.7	-4405.1
4109	10.4	93942.2	-4435.0
4110	10.0	93942.7	-4437.3
4111	10.2	93945.5	-4400.9
4112	8.4	93950.7	-4418.1
4113	10.2	93953.7	-4447.7
4114	9.6	93955.7	-4441.6
4115	9.8	93958.2	-4438.3
4116	9.8	94001.7	-4419.7
4117	9.8	94005.7	-4412.4
4118	9.8	94006.2	-4425.1
4119	10.1	94008.2	-4411.9
4120	9.2	94011.7	-4451.0
4121	9.9	94012.2	-4431.8
4122	9.6	94014.2	-4427.8
4123	10.4	94019.7	-4439.8
4124	10.1	94021.2	-4408.7
4125	9.6	94021.7	-4440.9
4126	10.2	94021.7	-4420.1
4127	9.6	94023.2	-4457.8
4128	9.2	94025.7	-4409.4
4129	9.6	94026.2	-4452.6
4130	9.6	94026.7	-4454.9
4131	10.0	94030.2	-4435.9
4132	10.1	94032.7	-4443.9
4133	9.8	94033.7	-4433.3
4134	10.4	94035.9	-4401.4
4135	9.3	94036.2	-4442.5
4136	9.8	94040.2	-4410.2
4137	9.8	94041.7	-4420.9
4138	9.8	94045.2	-4416.5
4139	10.4	94045.7	-4433.3
4140	9.9	94047.9	-4449.1
4141	10.4	94054.4	-4445.2
4142	8.8	94054.9	-4404.1
4143	10.4	94055.9	-4406.9
4144	10.0	94059.4	-4402.4
4145	10.2	94100.9	-4429.8
4146	10.0	94101.9	-4428.1
4147	9.9	94104.4	-4427.9
4148	10.0	94104.9	-4426.1
4149	9.6	94105.7	-4457.3
4150	8.4	94107.9	-4408.3
4151	9.8	94107.9	-4406.1
4152	9.3	94108.4	-4415.8
4153	9.4	94109.4	-4403.6
4154	9.8	94111.9	-4448.0
4155	10.4	94119.9	-4403.5
4156	10.2	94119.9	-4433.7
4157	10.2	94129.9	-4421.2
4158	10.2	94130.9	-4427.1
4159	10.0	94131.4	-4440.2
4160	9.9	94131.4	-4428.3
4161	9.8	94133.9	-4431.3
4162	10.2	94135.4	-4407.6
4163	10.4	94135.4	-4401.7
4164	10.1	94137.4	-4435.0
4165	6.3	94138.9	-4410.6
4166	9.6	94139.9	-4421.7
4167	10.2	94141.4	-4449.0
4168	10.0	94149.4	-4439.1
4169	10.4	94153.4	-4428.6
4170	10.4	94154.9	-4435.1
4171	10.2	94156.4	-4411.7
4172	10.1	94158.4	-4451.7
4173	10.0	94158.9	-4435.4
4174	10.1	94159.9	-4442.1
4175	10.4	94201.4	-4431.0
4176	9.3	94201.9	-4418.0
4177	10.4	94205.4	-4411.6
4178	10.2	94205.9	-4446.9
4179	9.6	94209.7	-4441.0
4180	9.8	94209.9	-4432.9
4181	9.6	94210.4	-4452.0
4182	10.2	94214.4	-4412.1
4183	10.2	94214.9	-4425.7
4184	10.4	94215.9	-4419.4
4185	10.0	94216.4	-4436.4
4186	10.2	94220.9	-4424.6
4187	10.4	94226.4	-4400.5
4188	10.4	94231.9	-4410.4
4189	10.4	94234.9	-4422.4
4190	9.8	94237.4	-4418.8
4191	10.0	94238.7	-4459.7
4192	9.9	94239.4	-4415.8
4193	10.0	94239.9	-4456.2
4194	9.6	94242.9	-4408.3
4195	10.4	94251.4	-4418.2
4196	10.4	94252.4	-4456.2
4197	10.4	94255.4	-4446.5
4198	10.4	94259.9	-4408.7
4199	10.2	94259.9	-4432.1
4200	9.2	94301.7	-4458.1
4201	10.2	94302.9	-4448.7
4202	10.4	94305.9	-4451.5
4203	9.8	94306.9	-4433.5
4204	10.4	94306.9	-4421.1
4205	9.9	94308.4	-4450.4
4206	10.4	94309.9	-4410.3
4207	9.6	94309.9	-4406.6
4208	10.2	94309.9	-4404.9
4209	9.6	94311.0	-4457.8
4210	10.2	94311.4	-4420.2
4211	10.4	94315.9	-4439.0
4212	10.4	94315.9	-4455.1
4213	10.4	94316.9	-4427.8
4214	10.4	94329.4	-4430.7
4215	9.9	94331.4	-4443.2
4216	10.1	94333.4	-4445.0
4217	10.4	94333.4	-4403.1
4218	10.4	94334.9	-4414.9
4219	10.1	94335.9	-4424.1
4220	9.0	94342.2	-4458.9
4221	9.9	94348.9	-4442.2
4222	9.0	94350.4	-4419.2
4223	9.9	94350.7	-4401.4
4224	9.8	94351.9	-4427.8
4225	9.6	94352.4	-4424.2
4226	10.4	94353.4	-4444.2
4227	10.4	94359.9	-4441.1
4228	9.8	94400.9	-4446.2
4229	9.4	94402.9	-4409.3
4230	10.4	94403.4	-4422.3
4231	9.2	94408.9	-4451.4
4232	9.8	94415.4	-4444.8
4233	10.4	94421.4	-4423.6
4234	10.4	94421.9	-4423.2
4235	9.9	94424.4	-4403.1
4236	10.4	94425.7	-4440.8
4237	10.2	94425.9	-4427.1
4238	10.0	94426.9	-4415.2
4239	10.4	94438.9	-4417.7
4240	10.4	94441.9	-4420.8
4241	10.4	94443.4	-4423.9

-44 4242 9h44m

-44 4601 10h05m

4242	9.9	94449.9	-4433.9	4332	9.9	94855.4	-4421.2	4422	10.2	95434.4	-4452.1
4243	10.0	94449.9	-4422.3	4333	10.4	94859.9	-4416.2	4423	9.3	95437.4	-4407.0
4244	10.4	94451.4	-4438.8	4334	10.2	94859.9	-4407.8	4424	10.4	95438.9	-4434.4
4245	9.6	94453.4	-4419.9	4335	10.4	94908.9	-4439.1	4425	10.4	95439.7	-4408.9
4246	10.4	94453.9	-4439.0	4336	10.1	94909.9	-4402.3	4426	10.4	95442.7	-4413.9
4247	10.4	94457.6	-4448.0	4337	8.8	94913.4	-4444.5	4427	10.4	95443.4	-4406.6
4248	9.8	94458.9	-4456.3	4338	9.6	94914.4	-4429.0	4428	10.2	95444.9	-4434.9
4249	9.5	94506.4	-4441.0	4339	9.8	94917.6	-4403.0	4429	10.2	95452.9	-4443.3
4250	10.4	94511.9	-4424.7	4340	6.4	94921.9	-4441.6	4430	9.8	95455.7	-4424.2
4251	9.4	94512.9	-4404.2	4341	10.4	94925.4	-4423.2	4431	9.3	95456.0	-4456.2
4252	10.4	94518.7	-4458.1	4342	10.4	94929.9	-4402.9	4432	10.0	95458.2	-4445.0
4253	10.4	94519.9	-4424.1	4343	10.4	94933.4	-4451.5	4433	9.8	95505.0	-4431.6
4254	10.4	94523.4	-4458.3	4344	10.1	94937.4	-4413.0	4434	9.2	95505.7	-4435.7
4255	10.0	94525.9	-4432.8	4345	10.0	94940.9	-4402.6	4435	10.4	95511.9	-4406.3
4256	10.0	94527.4	-4446.2	4346	10.0	94941.4	-4406.7	4436	9.9	95516.0	-4411.2
4257	9.8	94529.4	-4418.1	4347	9.8	94944.4	-4442.0	4437	10.4	95516.4	-4427.5
4258	10.4	94529.9	-4445.7	4348	8.6	95001.4	-4413.2	4438	10.4	95516.4	-4442.8
4259	10.4	94533.9	-4440.1	4349	9.9	95001.9	-4405.3	4439	10.2	95517.9	-4406.8
4260	10.2	94535.1	-4401.0	4350	10.0	95001.9	-4437.3	4440	10.4	95520.4	-4411.0
4261	10.0	94539.4	-4439.4	4351	9.4	95002.9	-4442.0	4441	10.4	95521.7	-4428.0
4262	10.4	94541.4	-4451.2	4352	10.4	95005.4	-4436.0	4442	10.4	95521.9	-4412.2
4263	9.8	94544.9	-4405.2	4353	10.2	95006.4	-4427.8	4443	9.4	95530.2	-4429.6
4264	10.1	94547.9	-4406.7	4354	9.4	95007.9	-4446.9	4444	10.0	95532.2	-4410.2
4265	9.3	94549.9	-4407.3	4355	9.6	95007.9	-4425.3	4445	9.2	95542.2	-4419.2
4266	10.2	94550.9	-4450.5	4356	10.4	95008.4	-4448.0	4446	10.2	95542.4	-4452.2
4267	9.8	94551.4	-4433.6	4357	9.6	95016.9	-4443.1	4447	9.0	95544.0	-4457.4
4268	8.6	94552.4	-4406.4	4358	10.2	95031.4	-4419.8	4448	10.2	95544.9	-4421.6
4269	10.4	94557.7	-4435.8	4359	10.4	95034.9	-4418.2	4449	9.6	95550.2	-4416.9
4270	10.1	94559.4	-4429.3	4360	9.2	95039.9	-4404.3	4450	10.2	95558.5	-4451.4
4271	10.0	94601.4	-4427.2	4361	8.8	95042.9	-4415.2	4451	10.6	95609.0	-4417.1
4272	10.4	94601.9	-4421.7	4362	10.4	95051.4	-4423.8	4452	7.3	95612.0	-4413.9
4273	10.1	94603.4	-4455.2	4363	10.2	95051.9	-4414.1	4453	10.5	95612.5	-4457.6
4274	10.4	94603.9	-4444.3	4364	10.4	95051.9	-4442.1	4454	9.5	95622.0	-4439.6
4275	10.4	94614.9	-4450.6	4365	10.1	95053.9	-4439.1	4455	10.8	95622.0	-4447.4
4276	10.0	94616.9	-4406.9	4366	10.1	95100.9	-4450.0	4456	10.8	95626.5	-4449.3
4277	10.4	94617.9	-4440.1	4367	10.1	95105.4	-4448.0	4457	10.0	95629.0	-4456.5
4278	10.4	94621.4	-4406.4	4368	10.4	95106.4	-4409.3	4458	10.5	95645.0	-4429.2
4279	9.8	94623.4	-4413.0	4369	10.2	95109.9	-4403.7	4459	9.6	95649.0	-4432.1
4280	10.4	94625.4	-4425.0	4370	10.1	95112.9	-4413.6	4460	9.8	95652.0	-4441.1
4281	10.1	94630.9	-4432.0	4371	10.4	95113.4	-4419.2	4461	10.6	95653.5	-4413.0
4282	10.4	94633.4	-4427.1	4372	8.2	95121.9	-4439.8	4462	9.5	95657.5	-4428.0
4283	10.2	94635.4	-4405.1	4373	9.5	95130.9	-4439.4	4463	10.6	95659.0	-4440.9
4284	10.4	94639.4	-4419.9	4374	10.4	95135.4	-4454.7	4464	8.9	95701.0	-4428.7
4285	10.2	94639.9	-4439.9	4375	10.4	95135.9	-4415.0	4465	10.2	95702.0	-4410.8
4286	10.2	94643.9	-4444.1	4376	10.2	95136.9	-4406.7	4466	10.8	95710.0	-4453.8
4287	9.8	94646.4	-4437.3	4377	10.2	95139.9	-4406.5	4467	10.0	95713.0	-4413.3
4288	10.4	94651.4	-4450.9	4378	10.4	95151.9	-4410.8	4468	10.8	95729.0	-4437.9
4289	10.2	94651.9	-4406.6	4379	9.9	95157.9	-4442.5	4469	10.6	95730.5	-4435.9
4290	8.1	94652.4	-4434.2	4380	9.4	95159.9	-4433.3	4470	9.9	95732.0	-4430.8
4291	9.8	94653.4	-4425.7	4381	9.2	95205.4	-4447.2	4471	10.8	95742.5	-4439.6
4292	10.4	94654.4	-4420.1	4382	10.4	95205.9	-4451.1	4472	9.0	95746.0	-4432.0
4293	10.0	94655.4	-4405.3	4383	9.8	95206.4	-4415.0	4473	10.4	95747.0	-4438.1
4294	9.9	94658.9	-4428.4	4384	9.6	95212.9	-4436.0	4474	10.8	95749.0	-4434.4
4295	10.4	94702.9	-4400.2	4385	9.8	95222.9	-4433.8	4475	10.0	95803.4	-4459.4
4296	10.4	94703.4	-4442.8	4386	10.2	95227.2	-4409.4	4476	10.0	95813.0	-4440.8
4297	10.4	94705.9	-4442.9	4387	10.0	95227.9	-4419.3	4477	10.8	95816.5	-4404.6
4298	10.1	94707.9	-4429.6	4388	9.8	95229.2	-4459.7	4478	9.9	95826.5	-4417.0
4299	9.4	94709.9	-4421.2	4389	9.6	95231.4	-4443.2	4479	10.8	95827.9	-4455.8
4300	10.1	94718.9	-4447.2	4390	10.0	95232.9	-4402.4	4480	10.8	95828.5	-4425.7
4301	8.6	94720.9	-4427.7	4391	10.0	95234.9	-4414.0	4481	10.8	95828.9	-4453.9
4302	10.4	94723.9	-4437.2	4392	9.2	95236.4	-4435.6	4482	9.0	95829.0	-4450.1
4303	10.4	94731.4	-4433.3	4393	10.0	95247.4	-4412.2	4483	10.5	95830.0	-4444.7
4304	10.2	94731.9	-4441.2	4394	10.2	95249.9	-4444.2	4484	10.4	95830.0	-4411.4
4305	10.4	94732.9	-4425.0	4395	10.2	95257.4	-4408.0	4485	10.8	95831.0	-4401.5
4306	10.2	94734.9	-4416.3	4396	10.4	95259.9	-4424.6	4486	9.4	95842.0	-4430.0
4307	10.4	94736.0	-4404.3	4397	8.8	95302.9	-4418.6	4487	10.2	95843.5	-4442.0
4308	9.6	94740.9	-4446.2	4398	9.4	95304.9	-4429.3	4488	10.0	95848.0	-4406.1
4309	10.0	94749.4	-4450.1	4399	10.2	95305.9	-4426.8	4489	10.2	95849.0	-4426.7
4310	10.4	94749.9	-4417.0	4400	10.4	95306.9	-4414.4	4490	9.5	95849.5	-4419.3
4311	9.5	94751.4	-4448.9	4401	10.4	95311.9	-4411.7	4491	10.6	95850.0	-4403.4
4312	10.4	94752.4	-4429.5	4402	9.4	95313.9	-4429.0	4492	10.6	95855.5	-4437.0
4313	10.0	94759.9	-4411.3	4403	10.4	95315.9	-4421.2	4493	10.2	95857.0	-4419.8
4314	10.1	94759.9	-4414.5	4404	9.8	95317.4	-4400.4	4494	10.2	95859.0	-4401.8
4315	10.4	94802.0	-4419.0	4405	9.9	95321.9	-4403.9	4495	10.2	95859.0	-4430.5
4316	10.1	94803.4	-4425.3	4406	9.9	95341.9	-4423.0	4496	10.8	95902.5	-4420.9
4317	10.2	94804.4	-4439.5	4407	9.9	95346.4	-4417.2	4497	10.8	95905.2	-4402.6
4318	9.8	94808.9	-4403.0	4408	10.2	95347.4	-4450.0	4498	10.8	95907.5	-4406.2
4319	9.8	94811.4	-4415.6	4409	9.2	95350.9	-4438.1	4499	10.8	95912.0	-4406.2
4320	10.4	94828.9	-4403.5	4410	10.1	95400.4	-4414.4	4500	10.8	95914.5	-4448.9
4321	9.8	94831.4	-4412.9	4411	10.0	95400.9	-4439.7	4501	10.2	95917.5	-4423.9
4322	10.2	94832.0	-4447.5	4412	9.6	95404.4	-4411.2	4502	9.6	95920.5	-4425.9
4323	10.4	94832.9	-4413.1	4413	8.5	95411.9	-4424.4	4503	10.8	95924.0	-4454.4
4324	10.4	94833.4	-4415.9	4414	9.9	95416.9	-4442.4	4504	10.4	95926.5	-4420.6
4325	9.9	94835.6	-4456.8	4415	10.2	95424.9	-4450.3	4505	10.8	95929.5	-4425.6
4326	10.4	94838.7	-4456.4	4416	7.2	95426.9	-4421.4	4506	8.8	95930.0	-4405.0
4327	9.9	94842.9	-4454.6	4417	10.1	95428.9	-4425.8	4507	10.6	95936.0	-4418.1
4328	9.4	94847.9	-4446.6	4418	9.4	95429.9	-4428.4	4508	9.0	95941.0	-4414.2
4329	10.1	94852.4	-4449.0	4419	10.0	95431.2	-4458.6	4509	9.6	95941.5	-4438.7
4330	10.4	94852.9	-4458.1	4420	10.0	95431.9	-4419.0	4510	10.4	95942.0	-4415.0
4331	10.2	94853.2	-4400.1	4421	9.6	95431.9	-4417.6	4511	9.5	95943.5	-4426.7
4512	9.4	95949.0	-4429.2								
4513	10.2	95953.0	-4406.1								
4514	10.8	95953.5	-4402.8								
4515	10.8	95959.0	-4410.3								
4516	10.8	100002.5	-4435.4								
4517	10.8	100003.5	-4404.1								
4518	10.0	100006.0	-4436.0								
4519	10.8	100007.5	-4456.9								
4520	10.2	100010.0	-4402.0								
4521	10.0	100022.0	-4414.5								
4522	9.9	100023.5	-4417.5								
4523	10.2	100030.5	-4414.3								
4524	9.6	100036.5	-4433.2								
4525	10.8	100040.0	-4437.0								
4526	8.8	100042.0	-4452.1								
4527	10.6	100045.5	-4417.0								
4528	10.2	100046.5	-4419.1								
4529	10.2	100048.0	-4416.2								
4530	10.4	100051.5	-4410.0								
4531	9.6	100053.5	-4424.7								
4532	10.5	100056.5	-4408.5								
4533	8.8	100058.0	-4431.8								
4534	10.6	100100.5	-4453.1								
4535	10.4	100102.0	-4411.3								
4536	10.0	100105.7	-4456.9								
4537	10.8	100108.5	-4427.4								
4538	9.5	100110.0	-4443.9								
4539	10.8	100112.0	-4439.4								
4540	10.0	100114.5	-4455.9								
4541	10.8	100115.5	-4449.7								
4542	10.8	100115.5	-4449.1								
4543	8.0	100133.0	-4446.1								
4544	9.5	100135.5	-4402.5								
4545	10.6	100135.5	-4406.2								
4546	10.6	100143.0	-4439.9								
4547	10.2	100150.0	-4425.7								
4548	10.2	100151.2	-4400.0								
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4553	10.8	100205.8	-4441.4								
4554	10.8	100208.7	-4458.7								
4555	10.0	100209.8	-4431.2								
4556	10.4	100212.8	-4410.4								
4557	10.2	100217.8	-4415.9								
4558	8.4	100220.3	-4436.2								
4559	10.8	100230.3	-4454.7								
4560	10.4	100239.8	-4437.2								
4561	10.4	100241.8	-4437.9								
4562	10.8	100244.3	-4410.4								
4563	10.6	100245.3	-4430.3								
4564	10.4	100246.3	-4417.9								
4565	10.8	100248.0	-4442.2								
4566	10.4	100248.8	-4426.6								
4567	8.5	100251.8	-4428.7								
4568	10.6	100256.3	-4431.7								
4569	10.8	100302.8	-4457.9								
4570	10.0	100312.8	-4411.8								
4571	10.2	100313.3	-4443.0								
4572	10.6	100315.0	-4430.4								
4573	10.8	100315.8	-4412.8								
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4576	10.8	100322.3	-4443.1								
4577	8.0	100323.8	-4423.5								
4578	10.2	100330.8	-4417.3								
4579	10.2	100332.8	-4445.3								
4580	10.4	100335.8	-4409.3								
4581	10.2	100337.8	-4434.5								
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4583	9.9	100342.3	-4419.1								
4584	10.0	100345.8	-4447.2								
4585	10.8	100350.3	-4432.9								
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4587	10.6	100406.3	-4417.9								
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4590	10.8	100416.8	-4412.7								
4591	10.2	100421.8	-4419.1								
4592	10.5	100430.8	-4416.7								
4593	10.4	100432.8	-4423.8								
4594	10.4	100436.3	-4448.1								
4595	10.8	100436.6	-4423.9								
4596	10.5	100438.8	-4410.9								
4597	10.8	100444.3	-4443.9								
4598	8.2	100445.8	-4434.9								
4599	10.4	100445.8	-4445.5								
4600	9.2	100503.3	-4417.8								
4601	10.4	100510.3	-4424.9								

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4602	10.2	100511.3	-4438.4
4603	10.8	100511.8	-4437.7
4604	10.5	100516.3	-4453.6
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4606	10.8	100520.8	-4406.5
4607	10.6	100520.8	-4409.7
4608	7.4	100525.8	-4441.6
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4610	10.4	100545.8	-4439.1
4611	10.8	100548.3	-4449.4
4612	9.8	100555.3	-4456.9
4613	10.8	100555.8	-4437.7
4614	10.8	100556.6	-4453.6
4615	10.8	100600.8	-4432.1
4616	10.6	100601.3	-4408.6
4617	10.0	100601.8	-4414.4
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4619	10.2	100602.8	-4434.4
4620	10.2	100616.3	-4437.7
4621	10.8	100620.3	-4459.8
4622	10.8	100622.3	-4448.9
4623	10.8	100623.6	-4402.5
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4625	9.3	100628.8	-4440.0
4626	9.6	100632.3	-4444.1
4627	10.5	100642.3	-4405.7
4628	10.4	100643.3	-4404.3
4629	8.0	100646.8	-4406.7
4630	10.5	100649.8	-4431.0
4631	10.4	100653.3	-4406.8
4632	10.5	100701.3	-4414.9
4633	10.8	100705.3	-4441.1
4634	10.2	100706.3	-4455.6
4635	10.6	100708.3	-4411.1
4636	9.8	100713.3	-4413.9
4637	10.4	100741.3	-4426.5
4638	10.0	100744.8	-4441.7
4639	8.4	100750.8	-4432.9
4640	10.0	100756.3	-4440.6
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4642	10.4	100808.3	-4453.1
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4649	10.8	100837.8	-4451.9
4650	10.8	100839.8	-4417.3
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4654	10.5	100842.3	-4453.1
4655	10.2	100844.3	-4410.6
4656	9.9	100855.3	-4404.9
4657	10.8	100856.8	-4439.9
4658	10.4	100901.1	-4458.3
4659	10.2	100905.8	-4422.9
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4661	10.0	100916.3	-4423.0
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4739	10.4	101553.0	-4437.5
4740	9.6	101603.5	-4459.4
4741	10.0	101611.5	-4404.2
4742	10.6	101612.0	-4455.3
4743	10.8	101616.6	-4423.7
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4750	8.1	101700.0	-4442.0
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4766	10.8	101822.0	-4436.2
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4769	10.0	101831.0	-4441.0
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4772	10.0	101847.5	-4421.0
4773	10.0	101849.5	-4410.7
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4784	8.8	101915.0	-4449.0
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4786	10.8	101924.5	-4440.5
4787	10.0	101930.5	-4438.9
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4792	10.4	102010.5	-4436.4
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4799	10.2	102033.0	-4417.7
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4815	10.5	102122.5	-4420.3
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4819	10.2	102128.0	-4449.6
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4822	10.8	102141.5	-4406.9
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4824	9.2	102149.5	-4406.8
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4826	10.8	102155.0	-4453.8
4827	10.0	102156.5	-4426.1
4828	10.8	102159.5	-4440.8
4829	10.0	102201.5	-4411.6
4830	10.4	102202.5	-4410.8
4831	9.5	102207.5	-4432.7
4832	10.8	102210.1	-4421.3
4833	9.5	102212.6	-4431.7
4834	10.8	102223.6	-4457.5
4835	9.3	102224.1	-4441.0
4836	8.0	102229.6	-4427.6
4837	9.0	102229.9	-4438.3
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4841	9.9	102252.4	-4416.6
4842	10.4	102257.3	-4425.1
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4845	10.8	102303.1	-4407.5
4846	10.8	102306.6	-4448.2
4847	10.8	102307.6	-4422.2
4848	10.6	102313.4	-4447.4
4849	9.6	102313.6	-4426.6
4850	10.5	102320.6	-4406.5
4851	10.4	102320.9	-4410.5
4852	9.4	102321.8	-4436.1
4853	10.4	102329.3	-4445.1
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4860	10.2	102410.6	-4430.4
4861	9.6	102416.1	-4424.0
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4867	10.2	102445.6	-4422.3
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4871	10.2	102508.3	-4441.3

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4907	10.0	102702.1	-4448.3
4908	9.6	102703.6	-4407.9
4909	9.6	102703.6	-4403.5
4910	10.0	102710.1	-4414.7
4911	9.8	102718.1	-4408.7
4912	8.8	102718.6	-4453.7
4913	9.8	102719.6	-4438.7
4914	9.5	102723.2	-4402.5
4915	8.9	102728.1	-4440.5
4916	9.7	102736.0	-4453.3
4917	9.7	102738.5	-4407.0
4918	10.2	102748.0	-4410.4
4919	10.2	102753.5	-4448.9
4920	10.0	102757.5	-4413.0
4921	10.2	102807.5	-4451.2
4922	10.2	102813.5	-4443.8
4923	10.2	102826.0	-4429.1
4924	10.2	102832.0	-4404.7
4925	10.2	102834.0	-4438.0
4926	9.6	102845.0	-4444.1
4927	10.2	102845.5	-4456.1
4928	9.4	102848.5	-4403.2
4929	10.2	102852.0	-4434.3
4930	10.2	102904.0	-4450.5
4931	9.2	102913.5	-4439.7
4932	9.5	102913.5	-4414.9
4933	10.0	102917.5	-4443.4
4934	10.2	102925.5	-4418.8
4935	9.7	102926.5	-4422.9
4936	9.8	102928.5	-4418.1
4937	8.8	102931.0	-4407.5
4938	10.2	102937.2	-4458.1
4939	10.2	102942.0	-4416.2
4940	10.0	102944.0	-4447.4
4941	10.2	102951.5	-4440.9
4942	10.2	102958.5	-4421.9
4943	10.2	103000.0	-4456.0
4944	9.8	103002.0	-4414.6
4945	9.6	103004.5	-4453.8
4946	9.6	103010.0	-4450.0
4947	9.2	103010.5	-4422.1
4948	9.6	103022.5	-4459.8
4949	10.2	103030.0	-4444.2
4950	9.9	103035.0	-4411.0
4951	10.2	103042.5	-4427.0
4952	10.0	103043.5	-4451.1
4953	9.6	103047.0	-4447.7
4954	10.2	103050.0	-4439.0
4955	9.0	103050.0	-4426.7
4956	10.2	103103.5	-4459.9
4957	9.7	103103.5	-4415.7
4958	9.8	103103.5	-4411.5
4959	10.2	103106.0	-4401.3
4960	10.2	103112.4	-4400.0
4961	9.7	103115.5	-4450.4

-44 4962 10h31m

-44 5321 10h58m

4962 10.2 103120.5 -4448.6	5052 9.9 103909.5 -4418.4	5142 9.4 104620.6 -4448.5	5232 10.4 105203.5 -4403.9
4963 9.4 103121.5 -4447.6	5053 10.0 103931.0 -4413.1	5143 10.2 104622.6 -4448.0	5233 10.4 105208.5 -4413.2
4964 9.8 103124.0 -4400.0	5054 10.0 103939.5 -4433.3	5144 9.0 104633.6 -4428.6	5234 10.4 105212.2 -4442.5
4965 9.7 103130.5 -4406.4	5055 10.2 103942.0 -4421.0	5145 9.6 104638.6 -4431.6	5235 8.6 105215.7 -4438.8
4966 9.2 103132.0 -4452.8	5056 9.8 103944.0 -4450.3	5146 9.6 104641.1 -4431.0	5236 10.3 105229.2 -4443.0
4967 9.1 103133.5 -4409.6	5057 10.2 104001.5 -4446.6	5147 9.8 104650.6 -4408.4	5237 10.4 105230.2 -4456.0
4968 10.2 103138.0 -4420.9	5058 8.8 104001.5 -4428.3	5148 9.6 104651.6 -4430.0	5238 9.5 105232.2 -4440.4
4969 10.2 103142.5 -4418.2	5059 10.2 104007.0 -4451.1	5149 10.2 104653.1 -4416.0	5239 9.5 105238.7 -4453.4
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4971 8.4 103150.0 -4450.0	5061 10.2 104026.7 -4408.1	5151 10.2 104653.9 -4449.6	5241 9.7 105242.7 -4453.5
4972 10.2 103150.5 -4452.5	5062 10.2 104028.7 -4437.1	5152 10.2 104658.1 -4443.4	5242 8.3 105245.7 -4415.9
4973 9.8 103153.5 -4434.1	5063 9.0 104031.5 -4402.9	5153 9.5 104700.6 -4450.2	5243 10.0 105246.7 -4436.0
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4975 10.0 103213.3 -4452.7	5065 10.0 104034.7 -4442.1	5155 9.4 104709.1 -4407.8	5245 8.5 105253.7 -4451.0
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4977 9.9 103219.8 -4415.0	5067 9.8 104045.2 -4417.9	5157 10.0 104714.6 -4413.6	5247 10.4 105258.7 -4424.2
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4981 10.2 103232.8 -4449.1	5071 9.2 104052.7 -4408.9	5161 10.0 104727.1 -4451.4	5251 9.0 105305.7 -4444.2
4982 10.2 103233.3 -4406.7	5072 10.2 104109.2 -4414.0	5162 10.0 104728.6 -4437.9	5252 10.4 105313.4 -4457.0
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4986 10.2 103301.3 -4402.7	5076 10.0 104140.7 -4439.0	5166 9.9 104752.8 -4444.5	5256 10.3 105343.7 -4453.2
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-44 5322 10h59m

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5345 10.4 110141.7 -4434.4	5435 10.0 110930.7 -4442.3	5525 10.4 111712.5 -4425.5	5615 8.4 113158.9 -4426.7
5346 10.4 110143.7 -4411.6	5436 9.9 110944.7 -4456.1	5526 9.5 111717.0 -4426.7	5616 10.2 113200.9 -4453.0
5347 10.0 110151.7 -4445.6	5437 9.4 110956.2 -4434.1	5527 10.4 111727.5 -4454.9	5617 10.0 113215.9 -4425.1
5348 10.2 110152.7 -4419.9	5438 10.4 111014.7 -4402.3	5528 10.4 111730.5 -4430.4	5618 10.3 113218.9 -4430.2
5349 10.4 110158.7 -4447.4	5439 9.9 111016.2 -4430.1	5529 9.0 111742.5 -4448.3	5619 10.3 113218.9 -4405.7
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5355 10.2 110238.7 -4409.1	5445 10.2 111127.2 -4424.1	5535 9.2 111835.0 -4456.0	5625 10.3 113253.4 -4423.1
5356 10.3 110245.2 -4451.8	5446 10.4 111128.0 -4416.2	5536 10.4 111836.0 -4438.6	5626 10.3 113255.9 -4447.2
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5367 10.3 110328.7 -4416.9	5457 9.8 111200.1 -4459.9	5547 10.3 111912.5 -4445.0	5637 10.3 113352.4 -4435.9
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5372 10.4 110358.2 -4402.4	5462 9.8 111217.7 -4417.6	5552 10.3 112039.5 -4404.0	5642 10.0 113418.4 -4433.7
5373 10.3 110417.2 -4424.4	5463 9.8 111217.7 -4416.2	5553 9.6 112101.3 -4400.2	5643 10.3 113427.9 -4447.7
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5375 10.4 110428.7 -4441.2	5465 9.8 111221.2 -4423.1	5555 9.1 112142.5 -4440.5	5645 10.0 113443.9 -4423.9
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5384 10.4 110507.0 -4421.9	5474 10.4 111322.7 -4424.1	5564 10.0 112327.5 -4417.0	5654 10.3 113609.4 -4414.7
5385 10.3 110512.0 -4455.3	5475 10.4 111325.7 -4402.8	5565 10.0 112347.0 -4406.7	5655 10.3 113610.9 -4409.9
5386 10.4 110518.5 -4433.9	5476 10.2 111327.7 -4447.1	5566 9.4 112347.0 -4448.1	5656 10.3 113613.4 -4444.9
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5401 10.4 110703.0 -4439.0	5491 10.0 111425.7 -4438.9	5581 10.0 112600.0 -4418.6	5671 9.0 113758.9 -4453.1
5402 10.4 110705.5 -4429.3	5492 10.3 111431.2 -4416.0	5582 10.2 112603.5 -4449.1	5672 10.3 113816.9 -4416.9
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5411 10.4 110748.0 -4430.1	5501 10.4 111503.5 -4441.6	5591 9.6 112744.0 -4439.7	5681 9.6 113916.4 -4414.8

-44 5681 11h39m

-44 5682 11h39m

-44 6041 12h35m

5682	8.8	113926.9	-4410.9	5772	10.6	115335.2	-4452.1	5862	9.8	120414.7	-4420.1
5683	10.3	113929.4	-4456.1	5773	10.5	115344.7	-4430.0	5863	10.6	120419.7	-4431.7
5684	10.1	113930.9	-4435.0	5774	9.5	115346.2	-4450.7	5864	9.5	120423.7	-4452.1
5685	5.7	113933.0	-4459.8	5775	8.3	115347.7	-4409.8	5865	9.2	120432.7	-4422.9
5686	10.1	113948.4	-4453.3	5776	9.4	115350.2	-4436.0	5866	7.4	120432.7	-4443.6
5687	10.3	114000.9	-4430.7	5777	9.2	115352.2	-4452.8	5867	9.4	120445.2	-4415.5
5688	9.6	114025.1	-4401.2	5778	10.6	115358.2	-4434.6	5868	9.2	120451.7	-4409.9
5689	10.0	114039.9	-4453.3	5779	10.0	115402.7	-4403.0	5869	9.5	120454.7	-4423.2
5690	9.4	114044.9	-4457.0	5780	10.0	115405.2	-4445.0	5870	10.2	120459.7	-4428.4
5691	10.3	114050.9	-4434.3	5781	9.9	115415.2	-4400.4	5871	10.0	120512.2	-4403.2
5692	9.8	114054.9	-4406.8	5782	10.0	115425.2	-4438.1	5872	10.3	120515.2	-4413.1
5693	10.3	114058.9	-4453.3	5783	9.9	115433.2	-4451.4	5873	9.0	120517.2	-4422.5
5694	9.6	114100.4	-4451.5	5784	10.0	115458.7	-4414.0	5874	8.4	120521.2	-4425.1
5695	9.6	114100.9	-4457.1	5785	10.2	115459.7	-4418.3	5875	10.2	120530.2	-4445.1
5696	10.3	114109.4	-4417.5	5786	10.2	115503.7	-4434.4	5876	10.6	120546.2	-4441.1
5697	10.3	114114.4	-4427.5	5787	10.6	115504.2	-4449.6	5877	10.0	120554.7	-4428.9
5698	9.8	114120.9	-4414.2	5788	10.6	115537.7	-4449.4	5878	9.2	120608.7	-4450.0
5699	10.3	114122.9	-4453.2	5789	10.0	115545.9	-4458.6	5879	9.0	120621.2	-4411.9
5700	10.2	114124.7	-4400.1	5790	10.2	115555.2	-4445.2	5880	8.8	120622.2	-4411.8
5701	10.0	114141.2	-4406.2	5791	10.6	115601.2	-4441.9	5881	8.5	120625.7	-4400.7
5702	10.0	114159.7	-4459.9	5792	10.6	115602.7	-4442.0	5882	10.6	120632.6	-4436.9
5703	10.3	114217.2	-4437.0	5793	10.0	115611.2	-4413.0	5883	10.0	120634.1	-4456.3
5704	10.0	114222.7	-4449.6	5794	10.6	115621.2	-4452.4	5884	10.6	120641.1	-4442.8
5705	8.5	114224.7	-4453.7	5795	10.6	115639.7	-4432.5	5885	10.6	120641.1	-4440.9
5706	10.3	114230.2	-4443.9	5796	10.2	115641.2	-4448.9	5886	9.6	120644.8	-4457.6
5707	10.3	114231.2	-4412.7	5797	10.6	115647.7	-4450.4	5887	8.8	120653.1	-4456.0
5708	9.2	114232.2	-4413.1	5798	10.3	115702.2	-4424.4	5888	10.6	120653.6	-4425.9
5709	10.1	114239.7	-4416.1	5799	10.6	115703.2	-4443.7	5889	8.8	120659.6	-4428.7
5710	9.5	114400.2	-4414.1	5800	10.4	115716.2	-4442.2	5890	10.6	120714.6	-4412.8
5711	9.5	114400.7	-4416.1	5801	10.3	115728.7	-4447.8	5891	10.6	120738.6	-4421.5
5712	10.3	114410.7	-4412.7	5802	10.3	115734.7	-4433.2	5892	9.4	120746.6	-4443.7
5713	9.6	114417.7	-4434.8	5803	10.0	115744.7	-4434.4	5893	10.6	120812.6	-4415.9
5714	10.2	114422.7	-4417.7	5804	9.9	115805.2	-4447.0	5894	10.6	120819.6	-4450.6
5715	9.1	114423.7	-4400.8	5805	10.0	115820.7	-4441.2	5895	8.8	120821.1	-4447.9
5716	9.0	114433.7	-4415.7	5806	10.6	115833.7	-4415.2	5896	10.3	120831.1	-4443.7
5717	9.6	114442.2	-4410.6	5807	10.6	115845.2	-4415.1	5897	10.3	120832.6	-4417.0
5718	9.6	114442.7	-4406.7	5808	9.7	115848.7	-4425.4	5898	10.0	120835.1	-4448.1
5719	6.7	114454.2	-4428.7	5809	10.0	115915.7	-4429.2	5899	9.7	120840.1	-4438.1
5720	10.3	114458.5	-4449.0	5810	9.9	115917.7	-4406.6	5900	9.9	120841.1	-4404.7
5721	10.1	114500.9	-4443.6	5811	9.7	115925.2	-4404.8	5901	10.6	120903.6	-4414.4
5722	9.4	114505.5	-4417.5	5812	10.0	115932.2	-4408.0	5902	10.6	120917.6	-4447.0
5723	10.1	114514.7	-4409.7	5813	9.9	115933.2	-4404.1	5903	9.8	120935.1	-4409.9
5724	9.5	114517.0	-4416.2	5814	10.5	115936.7	-4413.9	5904	9.9	120938.3	-4403.1
5725	10.3	114526.6	-4410.8	5815	10.0	115948.2	-4430.1	5905	8.8	120938.6	-4432.5
5726	9.8	114535.0	-4421.2	5816	10.0	115949.7	-4407.3	5906	10.2	120952.6	-4438.9
5727	10.1	114544.7	-4427.6	5817	10.0	115950.2	-4451.0	5907	10.6	121007.1	-4459.0
5728	9.6	114547.7	-4447.3	5818	10.6	120002.7	-4403.9	5908	9.2	121009.6	-4420.0
5729	10.3	114608.4	-4424.1	5819	10.5	120003.7	-4409.8	5909	9.8	121017.6	-4428.7
5730	10.3	114610.2	-4431.2	5820	9.2	120006.2	-4445.4	5910	8.8	121023.1	-4430.4
5731	9.6	114611.2	-4447.8	5821	10.6	120013.2	-4410.2	5911	10.4	121031.1	-4408.8
5732	10.3	114616.7	-4429.8	5822	9.8	120015.2	-4451.8	5912	10.6	121033.1	-4449.1
5733	10.3	114639.7	-4407.6	5823	10.6	120037.7	-4422.6	5913	10.6	121053.1	-4447.1
5734	10.3	114641.7	-4407.0	5824	10.6	120046.2	-4440.7	5914	9.5	121059.8	-4438.3
5735	10.0	114644.5	-4413.2	5825	10.6	120047.2	-4436.0	5915	9.9	121106.3	-4455.4
5736	8.6	114649.0	-4447.4	5826	10.3	120059.7	-4444.9	5916	10.6	121108.3	-4447.2
5737	10.5	114649.8	-4457.0	5827	7.8	120106.2	-4453.2	5917	7.8	121112.8	-4441.7
5738	10.2	114725.2	-4407.4	5828	9.9	120117.7	-4402.4	5918	10.0	121132.3	-4409.1
5739	9.9	114730.2	-4441.8	5829	10.0	120119.7	-4414.0	5919	10.4	121135.3	-4440.4
5740	8.4	114818.2	-4423.1	5830	9.2	120131.2	-4441.4	5920	10.3	121145.3	-4453.3
5741	9.9	114845.7	-4415.1	5831	10.6	120132.2	-4446.2	5921	10.2	121145.8	-4409.7
5742	10.0	114859.7	-4439.0	5832	10.0	120133.2	-4405.3	5922	10.0	121208.3	-4427.7
5743	10.6	114900.6	-4438.7	5833	8.6	120133.2	-4407.4	5923	10.0	121226.3	-4440.6
5744	10.6	114901.2	-4437.7	5834	10.6	120134.7	-4408.9	5924	10.6	121250.3	-4425.0
5745	10.6	114910.7	-4438.8	5835	10.2	120146.7	-4414.9	5925	10.6	121251.3	-4452.1
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6120 10.2 124651.2 -4445.9	6210 10.2 125931.1 -4422.1	6300 10.2 130955.5 -4418.0	6390 10.2 132523.3 -4453.6
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6122 9.6 124659.2 -4441.0	6212 9.2 130006.1 -4427.6	6302 10.2 131011.0 -4418.8	6392 10.2 132529.3 -4411.5
6123 10.2 124701.7 -4436.9	6213 10.2 130010.1 -4443.6	6303 8.7 131012.9 -4416.7	6393 10.2 132529.8 -4403.0
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6127 9.0 124732.2 -4412.4	6217 9.3 130014.7 -4431.2	6307 10.0 131128.8 -4411.2	6397 10.2 132548.8 -4454.9
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-44 6402 13h26m

-44 6761 14h17m

6402 9.6 132605.3 -4425.8	6492 9.9 133703.5 -4416.4	6582 10.0 134930.0 -4416.1	6672 9.5 140250.8 -4402.7
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-44 6762 14h17m

6762	9.8	141730.1	-4459.5
6763	9.6	141735.1	-4427.4
6764	10.2	141748.6	-4432.8
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6768	9.4	141801.1	-4441.7
6769	10.2	141801.6	-4416.0
6770	4.4	141808.1	-4439.2
6771	4.9	141809.6	-4448.8
6772	10.2	141817.1	-4436.5
6773	9.8	141820.1	-4404.4
6774	9.6	141825.1	-4426.0
6775	9.8	141832.1	-4440.0
6776	9.6	141833.5	-4420.1
6777	9.6	141840.0	-4406.5
6778	9.6	141840.0	-4428.9
6779	9.8	141905.5	-4407.0
6780	8.8	141927.0	-4441.4
6781	10.2	141940.0	-4438.7
6782	9.4	141943.3	-4458.3
6783	9.8	141952.0	-4436.3
6784	10.2	142009.5	-4442.0
6785	9.8	142023.0	-4416.8
6786	10.2	142023.5	-4412.0
6787	10.0	142030.5	-4440.2
6788	10.2	142039.0	-4429.9
6789	10.2	142039.5	-4407.3
6790	10.2	142041.0	-4427.5
6791	9.4	142045.0	-4445.8
6792	9.8	142050.0	-4405.5
6793	9.4	142050.5	-4417.4
6794	10.0	142053.5	-4427.3
6795	10.2	142055.0	-4411.3
6796	9.8	142100.0	-4452.4
6797	9.0	142100.0	-4435.1
6798	10.2	142108.2	-4457.8
6799	10.2	142112.5	-4429.6
6800	9.4	142118.0	-4444.0
6801	9.6	142128.5	-4423.7
6802	9.8	142137.0	-4441.2
6803	7.8	142140.0	-4436.5
6804	10.2	142150.0	-4436.8
6805	9.0	142150.0	-4432.6
6806	10.2	142154.0	-4404.1
6807	10.0	142158.0	-4418.0
6808	10.2	142202.0	-4455.7
6809	5.9	142205.0	-4445.7
6810	10.2	142209.5	-4445.0
6811	10.2	142210.5	-4421.3
6812	10.2	142211.5	-4444.0
6813	10.2	142223.5	-4431.5
6814	9.6	142245.7	-4437.7
6815	10.2	142248.8	-4401.0
6816	10.0	142250.2	-4407.9
6817	10.0	142259.7	-4456.0
6818	10.0	142309.7	-4452.7
6819	10.2	142309.7	-4440.0
6820	10.2	142309.7	-4417.6
6821	10.2	142316.2	-4449.6
6822	10.2	142321.2	-4445.6
6823	8.7	142330.7	-4411.6
6824	9.6	142332.7	-4412.0
6825	10.2	142332.7	-4415.8
6826	8.2	142344.7	-4415.0
6827	8.4	142345.2	-4442.7
6828	8.9	142359.7	-4453.2
6829	9.8	142400.7	-4445.0
6830	10.2	142403.7	-4415.4
6831	10.0	142409.2	-4405.2
6832	9.4	142427.7	-4429.0
6833	9.4	142436.2	-4410.4
6834	8.5	142439.7	-4401.0
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6836	10.2	142503.2	-4455.2
6837	9.4	142505.2	-4413.5
6838	9.4	142518.7	-4445.8
6839	9.0	142526.7	-4428.8
6840	10.2	142529.7	-4438.2
6841	9.4	142534.7	-4437.6
6842	10.2	142541.7	-4449.8
6843	9.4	142551.7	-4407.5
6844	9.0	142559.9	-4458.8
6845	9.8	142608.2	-4408.2
6846	9.8	142611.7	-4451.4
6847	9.8	142612.2	-4438.4
6848	9.2	142618.7	-4407.0
6849	10.2	142639.2	-4434.0
6850	8.4	142653.5	-4448.0
6851	9.2	142705.0	-4446.7
6852	9.4	142709.5	-4414.1
6853	10.2	142712.5	-4432.9
6854	9.0	142715.0	-4445.4
6855	9.0	142717.5	-4441.1
6856	9.6	142720.0	-4410.8
6857	9.8	142728.6	-4400.0
6858	10.2	142742.0	-4433.3
6859	10.2	142751.0	-4447.3
6860	9.4	142757.5	-4414.2
6861	9.4	142819.5	-4433.9
6862	10.2	142829.5	-4421.1
6863	10.2	142838.0	-4405.9
6864	10.2	142847.5	-4455.2
6865	10.0	142852.5	-4424.6
6866	10.0	142903.0	-4409.7
6867	9.8	142932.5	-4427.9
6868	9.0	142939.5	-4439.4
6869	10.0	142956.5	-4441.0
6870	10.2	143002.5	-4413.8
6871	9.6	143004.5	-4448.1
6872	10.2	143008.0	-4403.0
6873	8.5	143013.5	-4446.1
6874	10.2	143020.5	-4435.5
6875	10.2	143021.0	-4426.1
6876	9.6	143027.5	-4434.2
6877	10.2	143029.5	-4437.9
6878	10.2	143034.5	-4443.8
6879	9.6	143039.0	-4436.4
6880	10.2	143039.5	-4456.6
6881	9.2	143044.0	-4435.9
6882	10.2	143051.0	-4424.0
6883	10.2	143102.0	-4452.5
6884	10.2	143116.5	-4405.0
6885	9.4	143117.5	-4409.1
6886	10.2	143129.5	-4416.2
6887	10.2	143135.0	-4439.4
6888	10.2	143138.0	-4447.0
6889	10.2	143140.0	-4408.0
6890	9.6	143149.2	-4436.9
6891	10.4	143159.5	-4452.4
6892	9.8	143213.2	-4448.8
6893	10.0	143213.8	-4437.9
6894	8.9	143230.8	-4403.7
6895	9.8	143245.5	-4429.5
6896	9.8	143251.0	-4416.9
6897	9.6	143300.0	-4434.9
6898	9.4	143300.5	-4439.9
6899	9.4	143301.0	-4455.9
6900	9.6	143305.4	-4456.3
6901	10.4	143307.5	-4402.7
6902	9.8	143324.0	-4431.7
6903	10.4	143324.5	-4403.8
6904	9.8	143325.5	-4409.9
6905	9.2	143327.5	-4414.2
6906	9.8	143341.0	-4440.6
6907	10.4	143344.5	-4448.1
6908	10.0	143346.0	-4429.7
6909	9.8	143347.5	-4440.7
6910	10.4	143402.0	-4429.6
6911	10.2	143408.1	-4446.9
6912	10.0	143411.1	-4435.9
6913	9.8	143411.5	-4400.0
6914	9.6	143412.1	-4438.9
6915	9.1	143412.6	-4434.6
6916	9.7	143425.1	-4438.8
6917	9.8	143426.1	-4405.6
6918	10.0	143432.1	-4401.4
6919	9.6	143434.1	-4421.9
6920	10.2	143438.1	-4411.7
6921	10.2	143445.1	-4442.1
6922	10.2	143451.6	-4449.1
6923	10.4	143505.1	-4438.8
6924	9.8	143505.2	-4401.2
6925	10.4	143510.1	-4428.3
6926	9.8	143527.5	-4402.5
6927	10.4	143533.6	-4442.3
6928	10.4	143539.1	-4403.8
6929	10.4	143543.6	-4449.8
6930	10.0	143544.6	-4406.8
6931	10.4	143546.1	-4447.7
6932	10.2	143605.6	-4442.4
6933	8.4	143617.1	-4410.4
6934	9.4	143628.6	-4455.1
6935	9.7	143640.6	-4457.0
6936	10.4	143649.1	-4437.8
6937	8.0	143650.6	-4407.9
6938	10.2	143652.1	-4448.6
6939	9.8	143653.6	-4414.3
6940	10.0	143700.6	-4425.0
6941	8.9	143702.1	-4453.7

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6942	10.4	143718.6	-4436.7
6943	10.2	143731.6	-4407.9
6944	9.7	143733.6	-4441.8
6945	9.8	143740.1	-4443.7
6946	9.9	143745.1	-4411.8
6947	7.4	143747.1	-4420.1
6948	9.2	143825.1	-4435.6
6949	9.8	143826.6	-4440.4
6950	9.7	143831.1	-4451.8
6951	9.8	143835.1	-4415.4
6952	10.2	143835.6	-4403.6
6953	9.2	143842.1	-4442.2
6954	9.2	143845.6	-4413.2
6955	9.8	143849.6	-4403.8
6956	9.9	143905.1	-4414.6
6957	10.4	143909.6	-4448.7
6958	9.6	143930.6	-4444.8
6959	9.8	143932.6	-4448.6
6960	10.2	143935.1	-4414.4
6961	9.8	143936.6	-4401.9
6962	10.0	143939.4	-4402.1
6963	10.4	143940.6	-4449.6
6964	9.9	143942.1	-4430.0
6965	10.4	143942.6	-4442.0
6966	9.7	144012.1	-4443.8
6967	9.4	144012.6	-4400.5
6968	9.7	144016.6	-4417.2
6969	9.8	144024.1	-4419.9
6970	9.7	144028.6	-4431.3
6971	9.8	144030.6	-4424.7
6972	9.8	144037.1	-4441.6
6973	10.0	144039.1	-4449.1
6974	9.4	144041.6	-4414.8
6975	10.2	144043.1	-4415.9
6976	9.8	144053.4	-4402.3
6977	9.8	144056.1	-4447.3
6978	10.2	144100.6	-4455.0
6979	10.4	144121.1	-4406.1
6980	8.9	144123.8	-4400.7
6981	9.4	144129.6	-4420.8
6982	10.0	144131.6	-4426.6
6983	10.4	144133.5	-4447.3
6984	10.4	144136.8	-4400.9
6985	9.7	144140.6	-4437.8
6986	9.9	144148.6	-4438.0
6987	9.9	144151.1	-4414.9
6988	9.4	144156.6	-4434.6
6989	9.2	144202.6	-4435.2
6990	10.4	144202.6	-4411.0
6991	10.4	144209.6	-4430.6
6992	10.2	144209.6	-4451.9
6993	9.0	144212.6	-4405.0
6994	10.4	144213.8	-4445.3
6995	10.4	144220.6	-4453.3
6996	9.1	144220.6	-4437.1
6997	10.2	144225.1	-4431.7
6998	10.4	144230.8	-4410.8
6999	9.8	144238.6	-4438.1
7000	9.8	144242.6	-4439.1
7001	9.8	144245.1	-4450.0
7002	10.2	144245.6	-4443.1
7003	10.2	144254.1	-4446.5
7004	10.0	144300.6	-4452.8
7005	9.7	144302.1	-4400.5
7006	10.4	144308.6	-4405.4
7007	9.8	144314.1	-4431.9
7008	9.7	144314.6	-4459.4
7009	9.8	144320.6	-4426.2
7010	9.8	144324.6	-4422.9
7011	8.9	144325.6	-4456.4
7012	10.0	144329.1	-4432.9
7013	8.9	144346.1	-4456.3
7014	9.7	144359.1	-4446.5
7015	7.6	144400.6	-4424.4
7016	10.2	144403.1	-4423.5
7017	10.4	144415.6	-4420.0
7018	9.6	144434.6	-4409.3
7019	10.4	144436.1	-4441.8
7020	10.4	144442.6	-4429.5
7021	9.2	144449.1	-4403.3
7022	9.4	144454.1	-4418.9
7023	10.4	144502.6	-4443.0
7024	10.4	144510.1	-4455.8
7025	10.4	144511.1	-4413.4
7026	10.4	144515.8	-4455.8
7027	10.2	144518.6	-4429.3
7028	9.4	144521.1	-4441.8
7029	8.9	144535.0	-4447.9
7030	8.4	144541.0	-4424.9
7031	10.2	144543.0	-4425.4
7032	10.2	144552.0	-4451.2
7033	10.4	144554.5	-4413.0
7034	10.0	144600.5	-4458.3
7035	10.2	144604.0	-4404.0
7036	9.7	144607.5	-4445.8
7037	9.2	144609.0	-4423.9
7038	9.6	144609.0	-4449.1
7039	10.4	144611.0	-4400.7
7040	10.0	144628.5	-4404.8
7041	10.4	144637.0	-4417.7
7042	9.8	144651.0	-4444.9
7043	9.2	144706.0	-4434.8
7044	9.8	144721.0	-4417.6
7045	10.4	144728.5	-4434.7
7046	9.7	144729.5	-4410.6
7047	8.7	144732.5	-4411.2
7048	9.9	144737.0	-4425.2
7049	10.4	144739.0	-4450.6
7050	10.4	144740.5	-4400.6
7051	9.8	144744.0	-4441.1
7052	10.0	144751.5	-4440.9
7053	9.8	144753.0	-4414.5
7054	9.2	144754.5	-4436.5
7055	10.2	144755.5	-4446.7
7056	10.4	144759.0	-4407.0
7057	10.2	144800.5	-4424.9
7058	9.8	144803.5	-4440.5
7059	8.8	144804.5	-4438.7
7060	8.3	144805.0	-4423.7
7061	7.6	144809.0	-4411.8
7062	9.6	144820.0	-4436.8
7063	9.7	144820.5	-4438.9
7064	8.4	144833.0	-4408.4
7065	9.3	144839.0	-4448.8
7066	10.2	144854.5	-4404.7
7067	9.8	144900.0	-4453.9
7068	9.7	144913.0	-4435.5
7069	9.8	144918.3	-4459.1
7070	10.2	144930.0	-4444.8
7071	9.8	144931.0	-4446.1
7072	10.4	144943.0	-4442.0
7073	10.0	144957.0	-4415.6
7074	10.2	144959.0	-4426.2
7075	8.2	145004.0	-4436.6
7076	9.8	145004.5	-4408.6
7077	9.7	145004.5	-4438.4
7078	10.4	145008.0	-4442.1
7079	10.4	145015.5	-4428.2
7080	10.2	145018.0	-4416.0
7081	10.2	145019.0	-4406.8
7082	10.4	145019.3	-4458.1
7083	9.8	145021.0	-4422.4
7084	9.3	145022.5	-4417.3
7085	9.8	145025.0	-4414.4
7086	9.6	145029.0	-4411.6
7087	10.4	145039.0	-4448.5
7088	10.4	145044.0	-4449.8
7089	9.8	145049.0	-4420.0
7090	9.3	145058.8	-4456.4
7091	9.9	145110.5	-4400.2
7092	10.0	145111.0	-4443.2
7093	9.7	145114.0	-4443.9
7094	9.2	145116.0	-4423.4
7095	10.2	145118.5	-4427.0
7096	9.8	145124.0	-4428.4
7097	10.2	145133.5	-4431.2
7098	10.4	145141.0	-4426.4
7099	9.8	145159.0	-4412.1
7100	9.8	145201.0	-4417.6
7101	9.8	145218.0	-4410.6
7102	9.8	145220.0	-4414.2
7103	9.0	145226.0	-4441.7
7104	9.3	145226.0	-4427.0
7105	10.0	145230.5	-4417.9
7106	10.4	145241.0	-4422.7
7107	10.0	145242.0	-4419.8
7108	9.8	145245.8	-4402.6
7109	10.0	145257.5	-4452.1
7110	10.0	145258.5	-4428.0
7111	10.2	145309.0	-4445.8
7112	10.4	145329.0	-4416.0
7113	10.4	145332.0	-4447.0
7114	10.4	145339.5	-4416.1
7115	10.4	145341.0	-4419.1
7116	9.6	145342.5	-4423.6
7117	9.2	145343.0	-4457.4
7118	10.4	145406.0	-4457.9
7119	9.7	145409.0	-4436.4
7120	9.8	145416.8	-4458.1
7121	10.2	145417.0	-4432.5

-44 7122 14h54m

-44 7481 15h27m

7122	10.2	145424.5 -4408.3	7212	10.2	150215.4 -4412.8	7302	9.6 151124.4 -4430.6
7123	10.4	145435.0 -4447.9	7213	9.6	150224.4 -4427.4	7303	9.6 151129.9 -4458.3
7124	9.8	145446.5 -4455.2	7214	10.1	150225.4 -4430.1	7304	9.0 151129.9 -4425.1
7125	10.2	145448.5 -4426.7	7215	9.8	150232.4 -4412.9	7305	9.4 151129.9 -4416.1
7126	10.2	145454.0 -4413.1	7216	9.8	150251.9 -4452.6	7306	10.0 151129.9 -4421.9
7127	10.0	145508.5 -4456.7	7217	8.8	150259.4 -4434.1	7307	10.2 151138.9 -4432.7
7128	9.4	145509.0 -4412.1	7218	8.1	150304.9 -4448.1	7308	10.2 151139.9 -4449.3
7129	10.2	145509.0 -4415.7	7219	10.2	150305.9 -4446.8	7309	10.2 151148.9 -4448.0
7130	9.7	145510.0 -4445.7	7220	7.8	150309.9 -4448.2	7310	10.0 151158.9 -4433.0
7131	9.8	145511.0 -4426.0	7221	9.6	150328.9 -4411.1	7311	9.6 151200.9 -4407.0
7132	9.2	145513.0 -4418.0	7222	10.2	150331.4 -4434.0	7312	10.2 151201.9 -4456.8
7133	9.2	145529.0 -4426.0	7223	7.8	150339.9 -4432.2	7313	10.2 151209.4 -4418.0
7134	9.9	145537.3 -4459.9	7224	10.2	150342.9 -4457.2	7314	9.9 151209.4 -4456.1
7135	10.4	145537.5 -4416.0	7225	9.4	150402.9 -4456.4	7315	10.0 151209.9 -4441.6
7136	9.8	145549.5 -4434.7	7226	10.2	150407.9 -4441.4	7316	8.6 151217.4 -4420.8
7137	9.9	145550.0 -4404.7	7227	9.8	150423.9 -4439.7	7317	10.1 151217.4 -4424.0
7138	10.0	145550.0 -4442.7	7228	5.3	150426.1 -4401.6	7318	10.1 151219.4 -4445.6
7139	10.2	145553.0 -4421.8	7229	8.2	150429.9 -4429.1	7319	10.1 151219.9 -4436.4
7140	10.4	145607.0 -4413.7	7230	9.8	150432.4 -4433.2	7320	9.8 151223.9 -4439.0
7141	10.0	145611.5 -4448.7	7231	9.6	150435.4 -4403.9	7321	9.0 151224.9 -4409.9
7142	9.8	145618.0 -4444.3	7232	10.2	150443.4 -4421.9	7322	9.0 151229.9 -4407.3
7143	9.2	145625.7 -4402.1	7233	9.7	150443.9 -4427.9	7323	9.2 151251.9 -4403.5
7144	10.0	145630.0 -4407.5	7234	9.8	150446.4 -4439.4	7324	9.8 151254.9 -4424.6
7145	9.3	145630.3 -4459.7	7235	9.9	150450.4 -4406.5	7325	9.6 151300.9 -4444.0
7146	9.1	145633.0 -4421.7	7236	9.8	150457.9 -4400.3	7326	7.4 151304.9 -4429.0
7147	9.7	145635.5 -4446.0	7237	10.0	150500.9 -4453.1	7327	9.6 151304.9 -4433.6
7148	9.2	145635.5 -4439.9	7238	10.2	150507.9 -4434.2	7328	9.8 151310.9 -4426.0
7149	10.2	145636.0 -4406.1	7239	10.0	150511.3 -4400.2	7329	9.8 151313.4 -4419.4
7150	10.2	145645.5 -4401.9	7240	9.0	150519.9 -4406.1	7330	9.6 151320.9 -4407.2
7151	10.0	145650.5 -4443.6	7241	9.8	150524.4 -4430.1	7331	10.1 151322.4 -4431.0
7152	8.5	145652.5 -4425.7	7242	10.2	150529.4 -4443.6	7332	9.2 151323.4 -4416.2
7153	9.8	145653.0 -4432.9	7243	9.8	150532.9 -4453.3	7333	9.4 151329.4 -4410.6
7154	10.4	145655.0 -4441.8	7244	9.6	150534.9 -4432.3	7334	10.2 151339.4 -4448.2
7155	9.8	145701.5 -4411.1	7245	9.8	150544.9 -4401.9	7335	9.4 151347.9 -4406.6
7156	8.7	145707.0 -4453.6	7246	10.1	150552.9 -4444.8	7336	9.4 151351.9 -4434.0
7157	10.2	145709.0 -4413.1	7247	10.0	150553.4 -4426.8	7337	9.8 151357.4 -4413.3
7158	9.7	145727.5 -4430.0	7248	10.2	150603.9 -4423.6	7338	9.4 151400.4 -4439.9
7159	9.8	145729.0 -4446.6	7249	10.2	150613.4 -4414.9	7339	10.2 151400.9 -4410.1
7160	9.0	145738.0 -4430.8	7250	9.9	150615.4 -4414.0	7340	10.2 151409.9 -4450.9
7161	10.0	145748.5 -4431.3	7251	9.6	150621.9 -4413.1	7341	10.1 151410.9 -4417.6
7162	9.3	145749.0 -4443.3	7252	9.8	150624.4 -4449.0	7342	4.2 151411.6 -4414.2
7163	10.4	145751.0 -4458.3	7253	9.4	150645.9 -4456.2	7343	10.0 151413.9 -4451.4
7164	9.3	145802.0 -4459.5	7254	10.1	150648.9 -4454.8	7344	10.2 151413.9 -4420.2
7165	9.0	145829.5 -4455.8	7255	10.1	150649.9 -4428.1	7345	9.9 151421.9 -4401.7
7166	10.0	145841.0 -4428.7	7256	10.0	150657.4 -4405.4	7346	9.8 151425.4 -4422.3
7167	9.9	145853.0 -4446.7	7257	9.7	150706.4 -4454.9	7347	9.2 151428.9 -4442.2
7168	10.0	145855.5 -4452.1	7258	9.9	150709.9 -4426.3	7348	10.0 151429.9 -4429.3
7169	9.7	145856.0 -4424.4	7259	9.8	150712.9 -4446.9	7349	8.7 151440.9 -4428.1
7170	9.9	145859.0 -4453.4	7260	9.8	150715.9 -4446.8	7350	9.0 151441.9 -4418.2
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7844	9.4	161236.2	-4447.2	7934	9.8	162154.4	-4439.1	8024	9.5	163717.5	-4459.7
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7849	10.0	161253.2	-4437.3	7939	9.0	162221.5	-4439.2	8029	9.2	163812.0	-4456.8
7850	9.4	161259.7	-4429.3	7940	9.4	162231.7	-4439.1	8030	8.9	163821.5	-4428.9
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7854	9.0	161310.2	-4439.0	7944	9.8	162257.9	-4420.5	8034	9.6	163838.5	-4424.7
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7857	10.0	161401.7	-4414.5	7947	10.0	162312.3	-4421.4	8037	9.6	163856.0	-4444.1
7858	9.8	161409.7	-4452.1	7948	9.7	162317.7	-4432.8	8038	9.2	163900.0	-4415.3
7859	9.5	161410.2	-4441.3	7949	10.0	162322.4	-4431.6	8039	9.6	163902.0	-4444.6
7860	9.4	161411.2	-4430.0	7950	10.0	162329.9	-4456.0	8040	8.8	163913.0	-4442.5
7861	10.0	161411.7	-4427.0	7951	9.8	162332.4	-4427.6	8041	9.6	163922.0	-4450.2
7862	10.0	161433.7	-4450.4	7952	10.0	162336.9	-4440.3	8042	9.3	163922.5	-4448.8
7863	10.0	161439.7	-4450.4	7953	9.7	162348.4	-4405.5	8043	9.5	163939.0	-4452.3
7864	10.0	161456.7	-4407.6	7954	9.4	162351.7	-4433.7	8044	9.0	163941.0	-4422.3
7865	10.0	161458.2	-4449.1	7955	9.2	162406.5	-4444.5	8045	9.5	163945.0	-4412.5
7866	9.5	161513.2	-4451.3	7956	8.6	162439.5	-4456.9	8046	9.5	163958.0	-4425.4
7867	10.0	161518.7	-4439.5	7957	9.6	162449.5	-4422.0	8047	9.6	164002.0	-4458.9
7868	9.4	161521.7	-4409.7	7958	9.6	162450.0	-4419.9	8048	9.6	164010.0	-4455.2
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7872	9.4	161553.1	-4457.3	7962	9.3	162601.5	-4422.9	8052	9.6	164051.0	-4437.5
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7876	10.0	161612.2	-4419.1	7966	8.4	162618.5	-4438.2	8056	9.5	164129.5	-4454.3
7877	9.4	161613.7	-4420.1	7967	9.0	162659.5	-4454.2	8057	9.5	164140.0	-4417.3
7878	10.0	161618.7	-4436.4	7968	9.5	162713.5	-4430.3	8058	9.6	164149.0	-4438.5
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7881	9.5	161632.7	-4428.5	7971	9.0	162738.0	-4444.0	8061	8.6	164211.5	-4437.2
7882	9.7	161640.7	-4427.5	7972	9.5	162740.5	-4404.0	8062	9.6	164214.5	-4450.2
7883	10.0	161649.2	-4442.5	7973	7.7	162741.5	-4454.0	8063	9.5	164229.0	-4437.1
7884	10.0	161650.2	-4443.3	7974	9.0	162807.0	-4401.9	8064	9.0	164234.5	-4412.5
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7887	9.5	161749.7	-4400.1	7977	9.5	162853.0	-4451.8	8067	9.6	164238.5	-4440.4
7888	10.0	161751.2	-4416.4	7978	9.6	162855.5	-4433.7	8068	9.4	164240.1	-4459.9
7889	9.5	161757.7	-4408.6	7979	9.6	162907.0	-4450.2	8069	9.0	164249.0	-4448.5
7890	10.0	161800.2	-4438.1	7980	8.4	162907.7	-4402.6	8070	9.3	164249.5	-4425.2
7891	10.0	161800.2	-4455.6	7981	9.3	162918.0	-4439.0	8071	9.0	164250.5	-4415.0
7892	9.8	161802.2	-4422.5	7982	9.6	162929.5	-4432.2	8072	9.6	164256.9	-4434.6
7893	10.0	161807.7	-4441.7	7983	9.6	162929.5	-4409.1	8073	9.6	164306.5	-4420.9
7894	9.8	161823.4	-4404.2	7984	9.4	162932.5	-4431.6	8074	9.6	164310.0	-4436.1
7895	9.5	161826.9	-4445.3	7985	9.2	162944.5	-4408.0	8075	9.4	164327.0	-4422.4
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7898	9.7	161849.9	-4451.9	7988	8.2	163019.5	-4438.0	8078	9.5	164410.0	-4409.4
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7901	9.2	161859.4	-4401.6	7991	9.6	163026.5	-4440.1	8081	9.6	164415.5	-4416.2
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8170	7.8	165343.3	-4440.1								
8171	9.5	165350.8	-4410.8								
8172	8.4	165358.8	-4415.6								
8173	9.9	165404.3	-4440.0								
8174	10.0	165405.8	-4455.5								
8175	9.4	165409.8	-4432.4								
8176	9.1	165410.8	-4404.5								
8177	9.6	165413.3	-4456.0								
8178	9.1	165418.8	-4416.0								
8179	9.8	165421.3	-4421.6								
8180	9.0	165425.1	-4402.8								
8181	10.0	165428.8	-4405.8								
8182	9.8	165431.3	-4425.1								
8183	9.8	165451.3	-4416.5								
8184	9.8	165503.3	-4430.1								
8185	9.8	165508.3	-4429.2								
8186	8.8	165516.8	-4442.8								
8187	9.8	165518.8	-4417.4								
8188	10.0	165522.3	-4423.5								
8189	9.6	165527.8	-4447.2								
8190	9.5	165530.8	-4453.1								
8191	9.6	165530.8	-4434.6								
8192	10.0	165531.3	-4400.5								
8193	9.9	165533.3	-4403.2								
8194	10.0	165534.8	-4406.3								
8195	9.6	165536.8	-4444.9								
8196	9.8	165537.3	-4434.9								
8197	10.0	165540.8	-4431.0								
8198	10.0	165541.8	-4426.8								
8199	10.0	165544.8	-4418.8								
8200	9.9	165552.3	-4432.7								
8201	10.0	165552.8	-4415.2								

-44 8202 16h55m

8202 9.9 165557.8 -4448.2	8292 9.5 170328.3 -4451.8	8382 9.9 171208.4 -4453.9	8472 9.9 171646.4 -4433.4
8203 10.0 165602.8 -4427.6	8293 9.8 170343.3 -4405.3	8383 9.6 171208.4 -4431.5	8473 9.9 171650.4 -4408.5
8204 9.0 165607.3 -4452.5	8294 10.0 170346.4 -4459.8	8384 9.6 171210.9 -4447.0	8474 9.6 171654.4 -4417.4
8205 9.8 165608.8 -4444.6	8295 9.3 170350.8 -4425.8	8385 9.9 171215.4 -4420.5	8475 10.0 171654.4 -4449.5
8206 9.8 165614.8 -4428.1	8296 9.4 170351.3 -4421.2	8386 9.3 171225.4 -4422.7	8476 9.6 171654.9 -4450.4
8207 8.9 165616.3 -4448.3	8297 10.0 170401.1 -4459.8	8387 9.9 171240.4 -4400.4	8477 9.6 171655.4 -4402.2
8208 9.6 165617.8 -4419.9	8298 10.0 170401.3 -4414.7	8388 9.4 171242.9 -4442.6	8478 10.0 171657.9 -4400.7
8209 9.8 165618.3 -4453.9	8299 9.8 170420.8 -4437.6	8389 9.1 171255.4 -4406.8	8479 9.5 171700.4 -4402.2
8210 9.3 165619.8 -4423.9	8300 9.8 170433.8 -4441.2	8390 9.0 171257.9 -4407.3	8480 9.6 171701.9 -4416.3
8211 9.2 165620.8 -4417.6	8301 8.9 170438.3 -4434.5	8391 9.8 171302.4 -4404.7	8481 9.5 171702.9 -4428.3
8212 8.0 165620.8 -4412.8	8302 9.6 170455.8 -4417.4	8392 9.6 171302.7 -4400.6	8482 9.4 171704.8 -4401.9
8213 9.2 165623.8 -4455.8	8303 10.0 170504.3 -4426.0	8393 8.6 171318.4 -4436.8	8483 9.3 171705.4 -4445.1
8214 10.0 165631.3 -4442.1	8304 10.0 170505.9 -4458.4	8394 10.0 171320.4 -4405.9	8484 8.4 171706.4 -4426.2
8215 9.4 165632.3 -4424.3	8305 9.8 170511.3 -4453.6	8395 10.0 171332.9 -4458.1	8485 9.6 171710.4 -4409.4
8216 9.5 165632.3 -4440.8	8306 10.0 170516.8 -4400.4	8396 10.0 171334.9 -4407.8	8486 9.3 171713.4 -4422.6
8217 10.0 165633.8 -4459.8	8307 9.5 170527.0 -4432.2	8397 9.9 171341.4 -4407.6	8487 10.0 171718.4 -4445.4
8218 9.4 165634.8 -4416.6	8308 9.5 170530.8 -4427.4	8398 9.6 171355.4 -4455.6	8488 10.0 171721.9 -4410.9
8219 9.8 165638.3 -4422.6	8309 9.8 170531.3 -4423.2	8399 9.6 171357.4 -4414.4	8489 9.8 171722.9 -4428.9
8220 10.0 165641.3 -4416.3	8310 10.0 170536.3 -4409.8	8400 9.2 171405.4 -4416.4	8490 9.9 171723.4 -4436.1
8221 9.8 165644.3 -4443.2	8311 9.1 170541.8 -4442.0	8401 8.1 171405.9 -4440.0	8491 9.6 171723.9 -4437.0
8222 9.8 165650.8 -4436.4	8312 10.0 170541.8 -4406.4	8402 8.2 171406.4 -4435.4	8492 7.9 171725.4 -4430.8
8223 9.8 165652.8 -4415.5	8313 8.9 170544.8 -4418.4	8403 9.3 171407.4 -4413.5	8493 9.4 171725.4 -4456.2
8224 9.8 165657.3 -4404.3	8314 9.0 170550.3 -4432.0	8404 10.0 171407.4 -4401.3	8494 10.0 171727.4 -4426.1
8225 7.6 165659.3 -4411.8	8315 9.8 170551.8 -4429.2	8405 9.9 171412.9 -4452.0	8495 9.2 171728.4 -4430.9
8226 9.9 165705.8 -4437.5	8316 9.4 170556.8 -4410.1	8406 9.2 171413.9 -4403.9	8496 10.0 171730.4 -4420.2
8227 10.0 165705.8 -4450.2	8317 10.0 170556.8 -4409.0	8407 9.2 171417.9 -4413.0	8497 10.0 171736.4 -4432.6
8228 9.4 165718.8 -4416.0	8318 9.6 170602.8 -4450.9	8408 9.9 171419.2 -4458.1	8498 9.1 171737.9 -4400.5
8229 9.6 165719.8 -4445.8	8319 8.6 170612.8 -4415.4	8409 9.0 171419.4 -4422.6	8499 10.0 171742.2 -4401.9
8230 8.0 165721.8 -4423.8	8320 9.8 170613.8 -4445.4	8410 9.9 171420.4 -4412.2	8500 9.8 171743.4 -4456.0
8231 9.6 165729.8 -4416.3	8321 9.9 170616.3 -4439.0	8411 10.0 171423.9 -4450.8	8501 10.0 171745.4 -4431.4
8232 9.4 165731.8 -4415.6	8322 9.3 170620.8 -4423.8	8412 9.8 171424.4 -4432.5	8502 9.0 171746.7 -4435.3
8233 9.8 165737.8 -4432.8	8323 9.8 170627.3 -4438.4	8413 9.0 171425.4 -4417.6	8503 9.8 171755.1 -4401.5
8234 9.8 165740.3 -4419.4	8324 9.6 170630.8 -4415.2	8414 9.6 171430.4 -4406.7	8504 9.8 171756.4 -4453.8
8235 10.0 165742.3 -4427.0	8325 9.3 170645.3 -4414.0	8415 9.6 171430.4 -4400.8	8505 9.6 171801.4 -4405.0
8236 9.1 165750.8 -4433.7	8326 9.8 170654.8 -4405.8	8416 9.1 171431.4 -4408.2	8506 9.9 171815.4 -4458.8
8237 10.0 165756.8 -4455.4	8327 9.8 170708.5 -4417.4	8417 9.6 171433.4 -4447.8	8507 9.8 171816.4 -4441.3
8238 10.0 165800.8 -4454.6	8328 9.0 170708.5 -4415.1	8418 10.0 171434.9 -4420.9	8508 9.4 171818.2 -4448.5
8239 9.8 165801.3 -4411.9	8329 9.8 170719.0 -4420.9	8419 9.6 171437.4 -4439.6	8509 9.5 171819.4 -4409.6
8240 9.3 165806.8 -4429.2	8330 8.4 170728.5 -4437.0	8420 10.0 171438.4 -4421.5	8510 9.8 171822.2 -4409.9
8241 9.8 165808.8 -4438.6	8331 9.6 170750.0 -4422.0	8421 10.0 171440.4 -4436.1	8511 10.0 171822.4 -4413.8
8242 7.5 165819.8 -4416.2	8332 9.9 170759.4 -4400.5	8422 9.1 171441.9 -4438.0	8512 10.0 171826.4 -4456.4
8243 9.2 165829.8 -4405.0	8333 7.4 170800.5 -4438.1	8423 9.5 171453.4 -4414.9	8513 10.0 171827.4 -4446.6
8244 9.3 165832.8 -4420.4	8334 10.0 170808.5 -4441.1	8424 9.3 171455.4 -4425.7	8514 9.0 171832.4 -4441.7
8245 9.6 165834.8 -4448.0	8335 9.9 170812.5 -4410.9	8425 9.8 171456.4 -4436.3	8515 9.4 171837.4 -4459.4
8246 8.4 165835.3 -4431.7	8336 10.0 170818.5 -4446.6	8426 10.0 171500.4 -4433.6	8516 9.9 171840.4 -4439.9
8247 9.6 165837.8 -4435.3	8337 9.8 170821.5 -4425.2	8427 9.3 171500.4 -4417.1	8517 10.0 171840.9 -4439.6
8248 9.6 165848.8 -4445.9	8338 8.2 170825.5 -4438.1	8428 9.2 171502.9 -4458.7	8518 10.0 171844.6 -4458.0
8249 9.5 165851.8 -4450.9	8339 9.5 170829.5 -4428.1	8429 10.0 171507.4 -4421.1	8519 9.6 171848.7 -4452.3
8250 9.9 165900.8 -4406.2	8340 9.9 170829.5 -4411.8	8430 9.0 171508.1 -4400.1	8520 10.0 171850.4 -4432.4
8251 8.8 165913.8 -4430.0	8341 9.3 170832.5 -4438.0	8431 6.2 171510.4 -4402.4	8521 8.3 171851.2 -4436.6
8252 10.0 165916.8 -4425.2	8342 9.2 170832.7 -4459.9	8432 9.8 171512.9 -4424.0	8522 10.0 171859.9 -4424.9
8253 9.1 165920.3 -4433.0	8343 8.6 170843.5 -4414.2	8433 9.4 171515.9 -4443.0	8523 10.0 171900.9 -4441.1
8254 9.2 165929.3 -4452.2	8344 9.6 170847.0 -4407.9	8434 10.0 171517.9 -4435.1	8524 9.9 171902.9 -4421.0
8255 10.0 165936.3 -4444.8	8345 9.8 170850.5 -4427.9	8435 9.3 171518.6 -4458.2	8525 9.8 171909.5 -4423.6
8256 9.0 165940.8 -4459.2	8346 10.0 170851.5 -4457.0	8436 10.0 171518.9 -4421.6	8526 9.6 171910.1 -4429.0
8257 9.8 165941.3 -4444.0	8347 10.0 170853.0 -4439.1	8437 9.6 171520.3 -4458.3	8527 9.8 171912.8 -4456.7
8258 9.8 165954.8 -4440.8	8348 9.6 170853.5 -4437.7	8438 10.0 171522.4 -4408.9	8528 9.6 171920.0 -4427.0
8259 9.8 170001.8 -4420.3	8349 10.0 170927.5 -4439.6	8439 9.8 171524.9 -4436.7	8529 9.0 171924.5 -4432.5
8260 10.0 170002.1 -4400.4	8350 10.0 170930.5 -4403.2	8440 9.4 171528.4 -4437.9	8530 9.8 171926.5 -4457.9
8261 9.3 170006.3 -4406.9	8351 8.5 170940.5 -4442.8	8441 6.9 171533.9 -4453.4	8531 9.1 171929.0 -4407.2
8262 10.0 170012.3 -4432.9	8352 9.0 170942.5 -4412.0	8442 9.6 171534.4 -4436.0	8532 9.8 171935.0 -4409.7
8263 9.8 170018.8 -4434.0	8353 9.8 170944.4 -4442.4	8443 9.3 171535.4 -4416.4	8533 9.3 171944.5 -4408.9
8264 9.8 170022.8 -4447.0	8354 10.0 170951.0 -4411.1	8444 9.3 171536.4 -4405.6	8534 9.5 171951.0 -4429.0
8265 10.0 170024.3 -4448.0	8355 10.0 171010.5 -4433.3	8445 8.8 171538.4 -4404.3	8535 9.2 171952.5 -4415.8
8266 9.6 170029.8 -4417.9	8356 10.0 171011.0 -4431.2	8446 9.4 171538.4 -4400.0	8536 9.3 172001.5 -4435.7
8267 9.6 170030.8 -4411.5	8357 9.4 171020.5 -4441.0	8447 9.3 171538.9 -4410.0	8537 9.8 172004.5 -4423.5
8268 9.6 170039.8 -4434.6	8358 7.3 171021.5 -4405.2	8448 10.0 171540.4 -4426.6	8538 8.8 172006.0 -4441.1
8269 10.0 170042.8 -4436.2	8359 9.4 171025.4 -4434.3	8449 9.8 171542.4 -4405.0	8539 9.8 172020.0 -4433.2
8270 9.4 170044.8 -4411.8	8360 9.9 171038.4 -4455.4	8450 9.4 171548.9 -4447.2	8540 9.8 172024.5 -4423.8
8271 10.0 170056.8 -4402.6	8361 9.6 171044.9 -4410.5	8451 9.4 171550.4 -4413.1	8541 9.4 172026.5 -4408.2
8272 10.0 170100.8 -4406.5	8362 9.4 171054.9 -4435.9	8452 10.0 171558.9 -4404.7	8542 9.8 172031.5 -4433.5
8273 10.0 170102.8 -4442.5	8363 10.0 171101.4 -4455.7	8453 10.0 171558.9 -4417.7	8543 9.3 172032.5 -4421.5
8274 10.0 170110.8 -4400.9	8364 9.6 171104.9 -4415.9	8454 9.6 171558.9 -4454.1	8544 9.3 172033.0 -4421.9
8275 9.4 170110.8 -4439.6	8365 9.4 171107.9 -4403.9	8455 9.5 171600.4 -4455.9	8545 8.8 172041.0 -4452.0
8276 10.0 170120.8 -4446.9	8366 10.0 171110.9 -4441.4	8456 10.0 171606.4 -4412.2	8546 7.4 172045.0 -4438.2
8277 10.0 170131.3 -4426.1	8367 9.8 171123.4 -4458.3	8457 9.9 171606.4 -4409.0	8547 8.7 172111.0 -4405.7
8278 10.0 170133.3 -4418.9	8368 9.6 171130.9 -4435.2	8458 9.3 171606.9 -4452.6	8548 9.6 172112.0 -4436.3
8279 10.0 170133.3 -4415.2	8369 9.8 171131.7 -4400.3	8459 10.0 171607.9 -4417.7	8549 9.8 172116.0 -4417.1
8280 10.0 170137.8 -4435.8	8370 8.5 171135.4 -4430.1	8460 9.3 171609.9 -4444.2	8550 9.4 172122.0 -4447.4
8281 6.7 170139.8 -4423.6	8371 10.0 171135.4 -4454.3	8461 9.6 171610.4 -4406.7	8551 9.3 172126.5 -4438.9
8282 9.3 170159.8 -4448.1	8372 9.6 171140.4 -4410.6	8462 8.9 171610.4 -4451.0	8552 9.8 172132.0 -4403.6
8283 10.0 170206.8 -4425.2	8373 10.0 171146.9 -4454.3	8463 10.0 171610.9 -4413.5	8553 9.8 172132.0 -4453.9
8284 9.1 170209.8 -4406.6	8374 9.6 171149.4 -4426.7	8464 9.4 171611.9 -4415.1	8554 9.8 172140.5 -4422.1
8285 8.9 170213.3 -4431.1	8375 9.5 171153.9 -4414.2	8465 9.8 171612.4 -4438.4	8555 9.6 172141.5 -4451.6
8286 9.5 170217.3 -4441.1	8376 10.0 171154.9 -4440.5	8466 9.8 171621.9 -4429.0	8556 9.8 172146.5 -4430.8
8287 9.8 170220.8 -4403.0	8377 9.6 171200.4 -4443.1	8467 9.9 171624.4 -4429.8	8557 9.6 172149.0 -4413.9
8288 9.5 170231.8 -4403.4	8378 10.0 171200.4 -4424.0	8468 8.3 171632.9 -4439.7	8558 9.8 172159.5 -4444.0
8289 10.0 170301.8 -4419.8	8379 9.9 171201.9 -4455.8	8469 10.0 171637.1 -4459.6	8559 9.2 172204.0 -4433.0
8290 9.5 170308.3 -4411.0	8380 10.0 171205.4 -4424.3	8470 9.0 171641.4 -4444.0	8560 9.1 172207.5 -4431.7
8291 9.6 170321.3 -4420.0	8381 9.8 171207.4 -4448.0	8471 10.0 171642.9 -4447.9	8561 9.2 172212.0 -4454.7

-44 8561 17h22m

-44 8562 17h22m

-44 8921 17h56m

8562	9.8	172214.0	-4415.1	8652	9.5	172907.5	-4449.3	8742	9.8	173641.5	-4404.9
8563	9.8	172226.5	-4434.1	8653	9.8	172908.0	-4437.8	8743	9.8	173643.0	-4434.8
8564	9.6	172228.5	-4431.9	8654	9.6	172914.8	-4459.7	8744	9.3	173644.8	-4456.7
8565	8.7	172236.0	-4413.2	8655	9.8	172919.0	-4426.3	8745	9.6	173646.5	-4455.5
8566	9.2	172239.0	-4452.2	8656	8.8	172921.5	-4447.8	8746	9.6	173649.0	-4427.4
8567	8.9	172241.0	-4413.3	8657	9.8	172929.0	-4449.1	8747	9.8	173649.0	-4448.9
8568	9.8	172243.5	-4406.0	8658	9.3	172930.5	-4439.5	8748	9.2	173655.0	-4441.5
8569	9.8	172245.5	-4457.2	8659	8.8	172931.0	-4418.8	8749	9.0	173700.5	-4433.1
8570	9.6	172251.5	-4432.5	8660	9.6	172934.0	-4412.9	8750	9.6	173705.0	-4444.4
8571	9.8	172255.5	-4429.9	8661	8.1	172942.0	-4401.3	8751	9.6	173707.0	-4436.3
8572	9.8	172259.5	-4452.5	8662	9.6	172953.0	-4405.8	8752	9.0	173714.0	-4404.4
8573	8.3	172301.5	-4413.3	8663	9.8	172955.5	-4421.9	8753	9.6	173715.0	-4400.1
8574	9.6	172303.0	-4446.1	8664	9.8	173015.0	-4433.1	8754	9.8	173718.6	-4459.5
8575	9.8	172306.5	-4418.8	8665	9.8	173019.5	-4406.5	8755	9.6	173728.0	-4453.6
8576	8.5	172310.0	-4416.8	8666	9.2	173023.0	-4412.8	8756	9.8	173735.5	-4449.4
8577	9.8	172310.5	-4443.5	8667	9.3	173024.0	-4449.0	8757	9.3	173739.0	-4438.1
8578	9.6	172312.0	-4408.3	8668	9.3	173026.0	-4442.3	8758	9.3	173740.0	-4426.6
8579	9.8	172322.0	-4421.9	8669	9.3	173044.0	-4410.9	8759	9.8	173759.5	-4407.9
8580	9.8	172323.5	-4406.2	8670	9.0	173045.5	-4440.9	8760	9.6	173801.3	-4459.2
8581	9.6	172327.0	-4400.4	8671	9.8	173052.5	-4447.3	8761	9.8	173802.0	-4406.9
8582	9.6	172329.0	-4418.0	8672	9.5	173056.5	-4400.7	8762	9.8	173807.6	-4457.6
8583	9.0	172329.5	-4414.0	8673	9.6	173101.0	-4435.2	8763	9.6	173814.0	-4411.0
8584	9.8	172341.5	-4442.3	8674	9.6	173103.5	-4425.0	8764	9.8	173816.5	-4446.7
8585	8.4	172342.0	-4456.0	8675	9.6	173105.5	-4425.0	8765	9.6	173817.5	-4452.7
8586	9.4	172353.0	-4403.2	8676	9.6	173108.5	-4453.5	8766	9.8	173831.5	-4439.7
8587	9.8	172355.5	-4407.3	8677	9.5	173111.5	-4453.9	8767	8.8	173843.0	-4429.6
8588	9.3	172358.0	-4455.0	8678	9.8	173114.5	-4442.7	8768	9.8	173844.5	-4439.4
8589	9.8	172359.0	-4407.5	8679	9.8	173124.5	-4406.3	8769	9.5	173850.5	-4405.4
8590	8.2	172400.5	-4424.2	8680	8.4	173128.0	-4459.1	8770	9.8	173852.0	-4457.0
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8595	9.8	172436.0	-4445.0	8685	8.4	173140.0	-4453.4	8775	8.5	173926.3	-4458.8
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8599	9.8	172455.5	-4441.6	8689	9.8	173203.4	-4401.5	8779	9.8	174000.5	-4425.2
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-44 8922 17h56m

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8964 9.8 180015.2 -4428.8	9054 9.6 180830.2 -4436.1	9144 10.2 181823.0 -4440.3	9234 10.0 182733.5 -4424.8
8965 10.1 180023.2 -4426.6	9055 10.0 180838.2 -4454.1	9145 10.2 181857.5 -4428.0	9235 10.4 182734.5 -4448.3
8966 10.1 180029.7 -4452.2	9056 10.1 180911.2 -4432.9	9146 10.4 181908.5 -4454.0	9236 9.6 182744.5 -4446.4
8967 9.8 180034.2 -4407.8	9057 8.4 180914.7 -4459.5	9147 9.6 181910.0 -4453.2	9237 10.4 182801.5 -4417.6
8968 9.8 180035.2 -4451.1	9058 10.1 180920.7 -4436.3	9148 10.4 181911.5 -4409.1	9238 10.4 182811.5 -4448.9
8969 8.0 180037.4 -4457.8	9059 10.1 180929.7 -4410.9	9149 10.4 181913.0 -4404.0	9239 9.2 182812.0 -4407.0
8970 10.0 180043.2 -4441.0	9060 8.8 180932.7 -4446.4	9150 9.3 181927.0 -4414.2	9240 8.6 182814.5 -4423.3
8971 9.8 180045.7 -4407.6	9061 9.6 180933.7 -4421.3	9151 10.0 181935.0 -4448.4	9241 10.4 182816.0 -4400.4
8972 10.1 180048.2 -4420.8	9062 9.6 180946.2 -4436.1	9152 9.4 181941.0 -4409.6	9242 10.4 182828.0 -4459.3
8973 9.6 180048.2 -4420.0	9063 9.6 181010.4 -4459.4	9153 10.4 181947.0 -4438.7	9243 9.6 182844.5 -4459.8
8974 10.0 180052.0 -4400.6	9064 9.6 181020.2 -4454.6	9154 9.6 181949.0 -4428.6	9244 10.2 182849.5 -4422.3
8975 9.8 180100.2 -4409.9	9065 9.4 181021.7 -4430.6	9155 10.2 181952.5 -4405.1	9245 10.4 182909.8 -4459.7
8976 10.0 180102.2 -4406.6	9066 9.5 181023.7 -4447.4	9156 10.4 181959.5 -4426.0	9246 9.3 182910.0 -4430.3
8977 9.3 180113.7 -4442.1	9067 9.6 181031.7 -4447.2	9157 10.0 182000.5 -4440.3	9247 9.3 182911.5 -4453.5
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8983 10.0 180153.6 -4458.7	9073 10.1 181100.2 -4409.9	9163 9.9 182031.0 -4403.6	9253 10.4 182952.0 -4449.8
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8986 10.0 180209.7 -4431.9	9076 8.2 181122.7 -4407.5	9166 9.8 182038.5 -4429.0	9256 10.4 183001.5 -4409.0
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9000 10.1 180311.2 -4438.9	9090 9.2 181231.2 -4453.9	9180 10.4 182241.0 -4439.2	9270 10.4 183155.0 -4434.4
9001 8.6 180312.2 -4415.6	9091 9.0 181240.2 -4416.4	9181 10.4 182243.5 -4425.9	9271 10.4 183209.1 -4420.2
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9003 8.9 180321.7 -4435.0	9093 10.1 181256.1 -4410.2	9183 10.2 182258.5 -4450.2	9273 10.2 183227.6 -4437.1
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9005 10.1 180337.2 -4454.4	9095 9.8 181317.1 -4430.7	9185 10.4 182301.5 -4454.5	9275 10.4 183230.6 -4415.2
9006 9.5 180400.7 -4405.1	9096 9.6 181319.6 -4457.1	9186 8.4 182303.0 -4407.4	9276 10.4 183232.1 -4455.1
9007 9.6 180409.2 -4446.2	9097 10.1 181324.7 -4445 0	9187 10.2 182305.1 -4459.2	9277 10.4 183239.3 -4418.3
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9009 10.0 180421.2 -4422.2	9099 10.1 181330.2 -4405.0	9189 9.6 182320.5 -4430.0	9279 9.6 183259.1 -4403.0
9010 9.0 180430.2 -4431.6	9100 10.1 181339.2 -4440.3	9190 10.2 182323.5 -4454.0	9280 9.8 183304.1 -4425.2
9011 9.6 180433.2 -4436.3	9101 10.0 181347.7 -4432.0	9191 10.4 182332.8 -4401.7	9281 8.2 183304.3 -4402.4

-44 9281 18h33m

-44 9282 18h33m

-44 9641 19h38m

9282	8.6	183308.6	-4436.4	9372	10.4	184445.1	-4416.1	9462	8.8	185300.5	-4421.5
9283	10.4	183311.6	-4441.4	9373	10.4	184447.6	-4440.1	9463	8.8	185807.0	-4424.8
9284	9.6	183314.1	-4409.1	9374	9.9	184515.6	-4430.9	9464	10.2	185815.0	-4419.6
9285	8.6	183325.1	-4421.3	9375	10.4	184515.6	-4405.6	9465	10.0	185823.5	-4405.2
9286	10.2	183359.1	-4415.1	9376	9.7	184520.6	-4458.4	9466	9.9	185829.0	-4425.8
9287	10.4	183400.1	-4434.1	9377	10.0	184529.1	-4417.7	9467	9.0	185849.5	-4426.9
9288	10.4	183409.1	-4435.2	9378	9.9	184531.1	-4424.3	9468	10.4	185850.0	-4442.8
9289	10.4	183413.1	-4446.5	9379	9.4	184536.6	-4423.7	9469	10.3	185900.5	-4456.2
9290	10.4	183425.1	-4412.5	9380	10.4	184549.1	-4451.1	9470	9.6	185907.5	-4432.5
9291	10.2	183505.1	-4428.8	9381	10.2	184553.1	-4446.4	9471	10.3	185918.5	-4418.3
9292	10.2	183508.0	-4458.5	9382	8.8	184605.6	-4411.9	9472	10.4	185921.0	-4448.8
9293	9.0	183523.1	-4445.6	9383	9.9	184617.1	-4452.7	9473	9.0	185934.5	-4411.1
9294	9.6	183548.6	-4431.9	9384	8.8	184617.1	-4402.4	9474	10.2	185949.5	-4446.8
9295	9.2	183558.6	-4440.4	9385	10.4	184619.1	-4431.9	9475	8.8	185950.5	-4439.2
9296	9.6	183603.4	-4402.5	9386	9.9	184627.1	-4429.1	9476	10.4	185953.0	-4413.4
9297	10.2	183608.7	-4402.2	9387	9.8	184630.6	-4429.9	9477	10.4	190004.5	-4435.1
9298	10.2	183609.6	-4400.7	9388	10.4	184634.1	-4449.0	9478	10.4	190006.5	-4403.4
9299	8.6	183620.1	-4452.6	9389	10.2	184637.6	-4442.9	9479	10.4	190010.5	-4424.2
9300	9.4	183621.6	-4433.1	9390	10.4	184653.6	-4457.9	9480	8.8	190012.0	-4400.8
9301	9.3	183640.6	-4407.1	9391	10.3	184658.5	-4401.9	9481	10.4	190013.5	-4428.7
9302	8.4	183655.0	-4458.7	9392	10.4	184701.1	-4454.5	9482	10.4	190022.5	-4459.3
9303	9.8	183658.6	-4421.0	9393	9.6	184707.1	-4415.7	9483	8.1	190023.5	-4424.6
9304	9.4	183702.1	-4437.1	9394	9.0	184711.1	-4418.0	9484	9.2	190030.0	-4426.4
9305	7.8	183704.1	-4420.7	9395	10.4	184716.1	-4454.9	9485	10.3	190030.5	-4424.6
9306	10.0	183714.1	-4438.1	9396	9.4	184730.1	-4410.8	9486	10.0	190031.0	-4402.2
9307	10.2	183719.6	-4440.4	9397	9.0	184732.1	-4455.1	9487	9.8	190042.5	-4411.9
9308	10.4	183720.1	-4454.3	9398	10.4	184734.1	-4440.3	9488	9.9	190042.5	-4408.2
9309	10.4	183726.1	-4432.5	9399	9.8	184809.6	-4416.5	9489	9.4	190044.0	-4424.0
9310	9.8	183737.6	-4435.7	9400	9.3	184810.3	-4459.6	9490	10.0	190127.5	-4438.5
9311	10.2	183739.6	-4412.9	9401	6.6	184812.6	-4404.6	9491	9.6	190130.5	-4414.5
9312	10.2	183750.1	-4420.9	9402	8.0	184814.6	-4427.6	9492	10.4	190148.0	-4430.5
9313	9.9	183753.6	-4416.9	9403	10.0	184819.1	-4415.1	9493	9.8	190205.5	-4444.8
9314	9.6	183818.6	-4424.9	9404	9.4	184833.1	-4459.9	9494	10.3	190221.0	-4427.4
9315	10.4	183819.1	-4419.9	9405	9.8	184851.1	-4453.8	9495	10.0	190235.0	-4440.4
9316	8.6	183832.1	-4452.3	9406	10.4	184909.1	-4448.1	9496	9.8	190235.5	-4448.4
9317	10.2	183835.1	-4455.9	9407	10.2	184915.1	-4426.5	9497	10.0	190242.0	-4424.9
9318	10.4	183848.6	-4428.9	9408	9.4	184935.6	-4444.1	9498	9.6	190251.0	-4446.1
9319	9.0	183857.6	-4410.3	9409	10.2	184948.1	-4453.8	9499	9.7	190255.5	-4400.6
9320	9.6	183906.1	-4427.7	9410	10.4	185000.6	-4448.8	9500	9.9	190300.5	-4438.2
9321	9.6	183913.1	-4417.1	9411	10.3	185002.1	-4423.5	9501	10.4	190304.0	-4425.3
9322	9.9	183915.1	-4404.5	9412	9.8	185014.6	-4452.7	9502	9.5	190305.5	-4407.7
9323	10.4	183918.1	-4418.5	9413	10.4	185015.1	-4450.6	9503	9.5	190306.5	-4450.1
9324	9.4	183924.1	-4424.9	9414	9.8	185019.1	-4406.7	9504	10.4	190329.5	-4428.0
9325	10.2	183924.1	-4429.9	9415	10.3	185024.1	-4409.9	9505	10.4	190330.5	-4415.2
9326	10.2	183939.1	-4412.9	9416	8.6	185025.1	-4418.1	9506	10.3	190335.5	-4442.9
9327	8.8	183941.6	-4407.1	9417	10.3	185044.1	-4424.1	9507	9.8	190355.0	-4451.9
9328	10.2	183949.1	-4400.9	9418	9.6	185049.6	-4459.8	9508	9.6	190409.5	-4419.7
9329	10.2	183949.6	-4424.9	9419	10.3	185125.1	-4451.8	9509	9.5	190420.0	-4445.9
9330	9.9	183950.1	-4443.7	9420	10.4	185144.1	-4446.1	9510	9.7	190426.5	-4424.4
9331	10.2	184011.1	-4414.9	9421	10.2	185152.1	-4426.0	9511	10.3	190431.5	-4408.2
9332	10.4	184014.1	-4434.7	9422	10.0	185206.6	-4433.3	9512	10.4	190500.5	-4417.6
9333	9.4	184017.9	-4439.0	9423	10.2	185210.6	-4417.7	9513	9.2	190515.0	-4434.9
9334	10.4	184024.1	-4400.3	9424	10.4	185218.6	-4429.2	9514	10.0	190600.5	-4430.0
9335	10.2	184028.1	-4436.7	9425	9.8	185226.6	-4455.0	9515	10.3	190608.5	-4435.6
9336	10.2	184031.4	-4431.9	9426	10.2	185232.6	-4407.8	9516	10.3	190610.5	-4453.6
9337	9.6	184044.9	-4430.3	9427	8.9	185237.1	-4416.8	9517	9.6	190611.0	-4427.2
9338	10.4	184045.8	-4432.6	9428	10.4	185251.6	-4437.3	9518	9.6	190620.5	-4432.0
9339	10.2	184049.8	-4436.6	9429	10.4	185259.6	-4447.0	9519	9.2	190622.5	-4451.8
9340	10.2	184052.6	-4423.0	9430	8.4	185320.6	-4418.8	9520	10.0	190634.0	-4418.4
9341	10.0	184059.8	-4452.0	9431	9.0	185332.6	-4454.9	9521	10.3	190638.5	-4418.1
9342	10.4	184104.1	-4411.3	9432	9.8	185339.1	-4442.5	9522	9.3	190640.0	-4440.9
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9345	9.8	184118.1	-4448.7	9435	10.4	185411.3	-4458.1	9525	10.3	190730.5	-4418.3
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9347	10.4	184148.8	-4411.7	9437	9.6	185416.0	-4405.6	9527	10.4	190746.5	-4443.0
9348	10.4	184154.8	-4457.2	9438	9.9	185421.0	-4425.0	9528	8.8	190746.5	-4456.8
9349	10.4	184202.8	-4442.1	9439	10.0	185427.0	-4444.9	9529	10.0	190757.0	-4441.8
9350	7.8	184214.6	-4436.8	9440	10.0	185442.5	-4406.0	9530	9.8	190836.0	-4414.4
9351	9.6	184238.6	-4424.4	9441	10.4	185449.0	-4431.0	9531	9.5	190845.5	-4413.4
9352	10.4	184250.6	-4417.4	9442	9.8	185505.5	-4421.2	9532	10.4	190848.6	-4406.8
9353	8.1	184256.6	-4449.7	9443	9.3	185513.5	-4456.3	9533	9.2	190853.0	-4449.8
9354	9.8	184258.6	-4425.7	9444	10.4	185518.5	-4433.0	9534	9.8	190859.8	-4401.8
9355	9.5	184302.1	-4413.3	9445	9.4	185540.5	-4421.9	9535	9.6	190914.5	-4450.4
9356	9.9	184302.1	-4448.3	9446	10.4	185545.5	-4434.9	9536	10.4	190925.0	-4435.9
9357	7.8	184303.6	-4440.7	9447	10.0	185600.0	-4423.8	9537	9.2	190930.5	-4447.0
9358	9.8	184306.6	-4428.7	9448	8.2	185605.5	-4402.8	9538	9.2	190946.5	-4431.0
9359	10.4	184309.1	-4451.7	9449	10.3	185611.0	-4440.0	9539	9.0	190947.0	-4429.2
9360	9.6	184312.6	-4432.0	9450	10.4	185616.0	-4406.3	9540	9.5	190949.6	-4431.0
9361	8.0	184316.6	-4428.7	9451	10.3	185618.0	-4437.1	9541	9.4	190958.2	-4421.3
9362	10.4	184330.6	-4410.5	9452	10.3	185700.5	-4412.3	9542	10.0	191009.2	-4408.1
9363	10.4	184331.6	-4437.1	9453	9.6	185705.5	-4439.1	9543	10.1	191049.2	-4425.4
9364	10.4	184332.1	-4407.1	9454	10.4	185715.0	-4448.2	9544	9.9	191104.2	-4444.2
9365	9.2	184336.1	-4427.7	9455	9.2	185715.5	-4404.3	9545	9.0	191208.2	-4454.7
9366	10.0	184350.1	-4405.1	9456	10.0	185721.0	-4430.3	9546	10.0	191234.2	-4410.8
9367	10.2	184351.1	-4447.4	9457	10.3	185746.5	-4451.2	9547	9.6	191325.7	-4405.4
9368	10.4	184352.6	-4407.5	9458	9.9	185750.5	-4408.6	9548	5.0	191339.7	-4441.3
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9648	10.3	194026.8	-4457.5	9738	10.3	200221.7	-4431.9	9828	9.8	202301.1	-4423.9
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9651	9.8	194057.8	-4440.9	9741	10.0	200253.2	-4448.6	9831	10.5	202329.1	-4402.7
9652	10.2	194130.9	-4457.7	9742	10.2	200255.2	-4409.3	9832	9.8	202348.1	-4410.6
9653	10.2	194133.3	-4452.7	9743	10.3	200307.2	-4429.7	9833	10.5	202352.6	-4455.0
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9655	10.2	194146.6	-4403.0	9745	10.2	200315.2	-4409.4	9835	9.2	202431.3	-4459.1
9656	10.3	194201.6	-4402.0	9746	8.6	200320.2	-4437.7	9836	10.4	202443.6	-4445.6
9657	10.3	194208.8	-4407.1	9747	10.2	200324.2	-4414.7	9837	10.3	202513.1	-4421.0
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9660	8.9	194300.8	-4440.8	9750	10.0	200355.7	-4430.7	9840	10.2	202530.6	-4440.8
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9662	10.3	194324.3	-4423.3	9752	10.0	200410.2	-4442.2	9842	9.6	202559.6	-4408.0
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9667	9.5	194445.8	-4428.0	9757	9.5	200504.6	-4429.5	9847	9.8	202659.8	-4454.5
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9669	9.2	194500.8	-4452.4	9759	8.0	200524.0	-4432.7	9849	10.3	202705.8	-4443.3
9670	9.6	194541.8	-4421.7	9760	10.4	200556.0	-4433.8	9850	10.5	202709.3	-4437.0
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9672	9.8	194628.8	-4430.8	9762	9.0	200609.3	-4427.0	9852	10.5	202731.8	-4441.4
9673	8.2	194630.3	-4419.9	9763	8.4	200612.3	-4426.0	9853	10.5	202752.3	-4442.4
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9676	10.3	194706.8	-4418.3	9766	9.8	200653.3	-4459.2	9856	10.5	202924.7	-4440.4
9677	10.2	194709.8	-4431.9	9767	10.5	200658.8	-4418.3	9857	7.5	202949.8	-4457.5
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9683	9.6	194802.8	-4409.4	9773	10.5	200901.8	-4416.8	9863	9.6	203125.8	-4425.3
9684	9.2	194849.8	-4438.0	9774	10.5	200905.8	-4410.4	9864	9.8	203129.5	-4402.7
9685	9.0	194901.8	-4446.5	9775	9.6	200910.8	-4456.2	9865	10.4	203129.8	-4421.1
9686	10.3	194904.8	-4414.1	9776	10.5	200936.8	-4455.2	9866	10.5	203134.8	-4457.1
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9690	10.0	195031.8	-4444.8	9780	10.2	201040.8	-4400.8	9870	9.6	203239.8	-4459.0
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9695	10.3	195146.5	-4436.0	9785	10.4	201200.8	-4436.8	9875	10.0	203422.6	-4429.2
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9697	9.8	195158.5	-4454.5	9787	10.4	201224.1	-4430.1	9877	10.0	203452.6	-4448.0
9698	9.6	195159.5	-4435.0	9788	10.3	201235.1	-4431.4	9878	10.0	203542.7	-4456.7
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9700	10.2	195213.0	-4422.2	9790	9.2	201257.1	-4412.9	9880	8.4	203659.7	-4412.1
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9707	7.3	195322.0	-4448.5	9797	10.5	201445.6	-4426.3	9887	9.8	203919.1	-4458.8
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9715	10.2	195459.5	-4413.6	9805	10.3	201819.3	-4450.3	9895	9.8	204149.2	-4454.3
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9960	10.4	210211.3	-4408.1								
9961	10.4	210217.3	-4416.4								
9962	10.3	210218.8	-4410.4								
9963	10.6	210254.3	-4454.8								
9964	10.6	210259.3	-4443.2								
9965	10.6	210303.7	-4400.1								
9966	10.6	210458.8	-4445.7								
9967	7.8	210607.8	-4419.9								
9968	9.3	210616.3	-4427.0								
9969	10.2	210618.3	-4408.2								
9970	9.4	210622.3	-4430.2								
9971	10.4	210624.3	-4413.8								
9972	9.0	210644.3	-4444.0								
9973	9.5	210705.3	-4426.6								
9974	9.8	210719.3	-4455.2								
9975	10.6	210730.3	-4451.8								
9976	9.8	210739.3	-4424.0								
9977	10.3	210829.3	-4430.5								
9978	10.4	210847.3	-4413.2								
9979	9.6	210849.3	-4433.4								
9980	9.8	210857.3	-4441.5								
9981	10.2	210909.3	-4415.2								
9982	10.4	210919.3	-4419.0								
9983	10.6	210921.3	-4417.6								
9984	10.6	210929.3	-4409.9								
9985	10.3	211022.8	-4418.8								
9986	8.6	211026.8	-4450.8								
9987	8.2	211050.3	-4448.0								
9988	7.8	211054.3	-4443.2								
9989	9.5	211129.3	-4422.7								
9990	9.8	211149.3	-4446.2								
9991	9.6	211149.3	-4425.0								
9992	8.2	211201.3	-4407.1								
9993	9.8	211204.3	-4456.3								
9994	7.8	211222.3	-4406.2								
9995	9.8	211234.3	-4403.6								
9996	10.6	211243.5	-4457.5								
9997	9.8	211309.8	-4434.9								
9998	10.6	211343.7	-4424.6								
9999	9.2	211401.8	-4447.3								
10000	8.2	211420.8	-4440.4								
10001	10.0	211424.3	-4406.7								

-4410002 21h14m

-4410361 23h34m

10002	9.8	211449.3	-4430.1	10092	8.6	213742.7	-4442.7	10182	9.2	220323.6	-4404.4
10003	9.8	211514.3	-4451.2	10093	10.2	213815.7	-4425.9	10183	6.8	220346.1	-4427.3
10004	10.6	211526.3	-4439.6	10094	9.6	213819.7	-4408.9	10184	9.8	220421.2	-4458.4
10005	9.2	211545.8	-4448.8	10095	10.4	213828.7	-4433.1	10185	9.8	220526.1	-4413.3
10006	10.4	211554.3	-4412.2	10096	10.4	213914.7	-4427.6	10186	9.0	220533.1	-4421.6
10007	9.6	211554.3	-4409.2	10097	9.2	213949.7	-4440.4	10187	9.8	220537.3	-4456.8
10008	9.8	211603.3	-4414.0	10098	10.0	213949.7	-4438.5	10188	9.4	220543.3	-4417.0
10009	8.2	211604.3	-4408.8	10099	10.4	213949.7	-4452.2	10189	9.6	220647.3	-4454.1
10010	10.4	211644.8	-4458.7	10100	9.6	213951.2	-4446.0	10190	9.8	220716.8	-4442.7
10011	9.5	211654.3	-4403.8	10101	9.6	213954.7	-4434.7	10191	7.8	220731.8	-4449.1
10012	8.8	211700.3	-4435.1	10102	10.2	213955.7	-4450.2	10192	9.4	220736.8	-4449.3
10013	9.4	211712.1	-4448.0	10103	10.0	214009.7	-4424.3	10193	7.2	220751.8	-4415.3
10014	10.6	211736.1	-4434.8	10104	10.0	214034.2	-4420.2	10194	9.8	220820.8	-4440.0
10015	7.6	211743.6	-4418.8	10105	10.0	214049.2	-4429.3	10195	9.6	220843.6	-4459.4
10016	9.6	211807.1	-4411.2	10106	10.0	214106.7	-4427.4	10196	8.5	220855.8	-4421.4
10017	10.4	211818.6	-4445.6	10107	10.4	214110.2	-4437.8	10197	9.8	220859.3	-4409.0
10018	10.4	211854.1	-4414.4	10108	10.4	214133.7	-4416.2	10198	9.4	220935.8	-4415.7
10019	9.6	211901.1	-4433.2	10109	9.6	214134.7	-4434.6	10199	9.4	220940.3	-4451.0
10020	9.8	211910.1	-4441.7	10110	10.0	214145.7	-4430.4	10200	9.4	221035.3	-4415.4
10021	8.6	211913.6	-4427.7	10111	9.6	214150.7	-4402.1	10201	9.4	221037.8	-4410.2
10022	10.3	211917.1	-4446.9	10112	10.4	214155.2	-4424.0	10202	9.8	221053.8	-4428.8
10023	10.6	211933.1	-4431.6	10113	8.8	214200.2	-4431.5	10203	9.0	221233.0	-4459.4
10024	10.3	211951.1	-4446.6	10114	7.6	214215.4	-4400.7	10204	7.8	221249.0	-4407.6
10025	8.4	211959.1	-4458.8	10115	10.4	214223.2	-4439.3	10205	9.0	221300.5	-4419.7
10026	10.6	211959.8	-4459.6	10116	10.0	214225.7	-4434.0	10206	9.4	221314.5	-4416.2
10027	9.4	212007.1	-4455.2	10117	10.4	214309.7	-4408.6	10207	9.8	221359.5	-4447.0
10028	10.0	212011.1	-4441.6	10118	10.0	214424.2	-4442.8	10208	9.8	221413.0	-4438.2
10029	9.6	212019.1	-4415.4	10119	10.2	214455.7	-4437.7	10209	8.8	221428.5	-4439.7
10030	9.8	212022.1	-4449.0	10120	9.1	214500.2	-4453.8	10210	9.0	221503.8	-4402.2
10031	9.8	212116.1	-4416.0	10121	9.6	214523.0	-4413.5	10211	7.9	221510.5	-4457.3
10032	10.0	212120.1	-4446.6	10122	9.4	214551.0	-4430.1	10212	7.6	221522.5	-4441.3
10033	10.3	212121.1	-4444.8	10123	9.4	214615.0	-4402.1	10213	8.3	221533.5	-4402.1
10034	9.8	212129.1	-4446.4	10124	9.6	214615.5	-4437.0	10214	8.6	221545.5	-4445.1
10035	10.3	212135.1	-4451.8	10125	8.6	214621.0	-4423.2	10215	8.2	221552.0	-4402.2
10036	10.4	212135.6	-4442.2	10126	10.4	214630.5	-4444.8	10216	9.4	221610.5	-4453.6
10037	10.3	212140.1	-4417.4	10127	9.1	214636.0	-4422.5	10217	9.8	221627.0	-4451.3
10038	7.4	212147.1	-4403.1	10128	9.0	214637.5	-4445.1	10218	9.8	221700.0	-4443.1
10039	7.8	212206.6	-4437.2	10129	9.0	214649.5	-4413.7	10219	9.8	221710.5	-4401.0
10040	9.0	212234.1	-4446.1	10130	9.4	214649.5	-4453.1	10220	9.6	221711.5	-4434.1
10041	8.8	212241.1	-4446.8	10131	10.4	214730.0	-4417.3	10221	9.8	221737.3	-4455.7
10042	10.6	212254.6	-4417.9	10132	10.4	214733.0	-4435.1	10222	9.2	221852.3	-4454.5
10043	9.5	212311.1	-4408.8	10133	10.4	214737.0	-4408.3	10223	9.8	221909.3	-4434.9
10044	9.5	212315.6	-4443.0	10134	9.4	214744.0	-4457.3	10224	9.8	222024.3	-4414.7
10045	9.8	212329.1	-4409.6	10135	10.4	214801.3	-4418.1	10225	9.8	222109.0	-4400.0
10046	10.6	212503.1	-4441.8	10136	10.0	214806.5	-4424.8	10226	5.7	222147.0	-4408.0
10047	9.8	212531.1	-4405.5	10137	9.8	214859.5	-4413.1	10227	8.8	222214.0	-4424.0
10048	9.2	212555.8	-4424.9	10138	9.0	214904.5	-4454.3	10228	5.6	222217.0	-4423.2
10049	9.8	212613.8	-4410.5	10139	9.6	214914.0	-4405.8	10229	9.6	222301.9	-4446.1
10050	10.4	212614.4	-4453.0	10140	9.4	214918.5	-4451.2	10230	6.7	222314.5	-4444.0
10051	10.2	212633.9	-4444.9	10141	9.6	214933.5	-4425.6	10231	8.8	222326.2	-4452.0
10052	10.4	212638.4	-4435.2	10142	9.4	214939.0	-4406.9	10232	8.4	222413.4	-4418.9
10053	10.2	212658.7	-4420.3	10143	10.4	214958.0	-4451.2	10233	7.9	222431.4	-4411.3
10054	9.8	212720.4	-4452.7	10144	9.4	215020.0	-4423.1	10234	9.6	222442.7	-4459.6
10055	10.2	212750.4	-4448.3	10145	7.2	215045.5	-4439.3	10235	9.4	222746.2	-4443.1
10056	10.0	212751.4	-4426.9	10146	9.6	215124.5	-4405.7	10236	9.0	222845.7	-4414.0
10057	7.8	212830.7	-4424.2	10147	9.8	215133.0	-4455.6	10237	8.6	222853.2	-4418.3
10058	9.8	212859.9	-4400.8	10148	9.6	215134.5	-4406.4	10238	7.0	222916.7	-4407.0
10059	9.0	212908.4	-4432.4	10149	10.0	215144.0	-4403.9	10239	9.6	223005.7	-4442.8
10060	8.8	212921.4	-4431.0	10150	10.0	215147.5	-4443.2	10240	9.6	223010.7	-4420.0
10061	9.3	212931.9	-4401.4	10151	8.0	215203.7	-4404.4	10241	9.6	223025.7	-4448.6
10062	9.3	212939.4	-4437.0	10152	10.4	215212.2	-4430.2	10242	9.2	223043.7	-4450.5
10063	9.6	213012.9	-4404.7	10153	10.2	215223.2	-4443.3	10243	8.3	223048.7	-4423.2
10064	10.4	213045.9	-4428.1	10154	9.8	215230.7	-4445.8	10244	9.6	223055.7	-4447.6
10065	10.0	213054.4	-4445.3	10155	10.0	215318.2	-4436.9	10245	7.9	223059.7	-4423.6
10066	9.3	213106.9	-4452.9	10156	9.6	215335.7	-4452.9	10246	9.1	223100.2	-4432.0
10067	10.4	213120.9	-4416.3	10157	9.3	215339.2	-4452.2	10247	8.8	223122.2	-4413.8
10068	8.6	213121.4	-4424.3	10158	9.1	215451.9	-4459.6	10248	9.6	223131.7	-4409.8
10069	10.4	213124.4	-4427.8	10159	9.3	215454.7	-4424.0	10249	9.6	223245.7	-4404.0
10070	8.8	213217.4	-4458.1	10160	9.8	215515.2	-4453.1	10250	8.6	223301.7	-4405.4
10071	10.4	213254.9	-4432.2	10161	9.6	215557.4	-4439.1	10251	9.6	223309.7	-4421.3
10072	10.4	213324.7	-4458.2	10162	9.8	215611.4	-4406.1	10252	9.6	223319.8	-4437.9
10073	8.5	213434.4	-4447.0	10163	9.0	215633.6	-4401.5	10253	9.4	223340.3	-4456.0
10074	10.4	213449.9	-4451.0	10164	9.8	215740.1	-4407.8	10254	8.2	223357.3	-4429.5
10075	6.5	213503.9	-4403.8	10165	9.8	215759.1	-4453.0	10255	9.4	223403.8	-4413.7
10076	9.6	213518.4	-4432.4	10166	9.8	215805.1	-4412.1	10256	9.4	223410.3	-4429.5
10077	8.6	213519.9	-4400.8	10167	9.6	215809.1	-4406.0	10257	8.9	223504.8	-4444.5
10078	9.4	213529.4	-4453.2	10168	9.8	215811.1	-4434.8	10258	7.0	223521.3	-4454.1
10079	9.6	213539.4	-4445.2	10169	7.0	215819.6	-4434.2	10259	8.2	223638.8	-4445.8
10080	10.4	213550.4	-4403.6	10170	9.8	215835.1	-4455.1	10260	9.2	223849.3	-4407.1
10081	10.4	213558.7	-4446.4	10171	9.8	215900.6	-4420.4	10261	8.7	223918.8	-4432.6
10082	10.4	213603.7	-4435.1	10172	9.2	215918.6	-4420.4	10262	8.2	223924.8	-4456.5
10083	10.4	213616.2	-4418.9	10173	9.4	215920.6	-4416.2	10263	9.6	223932.8	-4423.7
10084	10.4	213619.2	-4409.3	10174	9.4	215945.1	-4450.6	10264	8.3	223951.3	-4433.2
10085	9.8	213624.2	-4446.2	10175	9.8	215946.1	-4430.8	10265	8.2	223956.3	-4415.8
10086	10.4	213653.7	-4438.7	10176	9.8	220010.1	-4431.2	10266	8.8	224034.1	-4402.0
10087	10.4	213659.7	-4458.6	10177	9.0	220041.6	-4440.0	10267	9.2	224049.6	-4454.9
10088	9.6	213700.2	-4435.8	10178	9.8	220137.6	-4427.1	10268	7.2	224114.6	-4406.3
10089	10.4	213714.2	-4403.9	10179	9.8	220140.6	-4430.0	10269	9.5	224114.6	-4445.2
10090	9.6	213735.7	-4439.3	10180	9.8	220201.1	-4415.2	10270	8.8	224150.1	-4407.2
10091	9.4	213738.2	-4430.7	10181	9.8	220240.9	-4402.6	10271	9.5	224156.1	-4440.0
10272	9.1	224320.1	-4442.2								
10273	9.6	224320.6	-4445.6								
10274	8.6	224327.1	-4416.0								
10275	9.6	224359.6	-4428.8								
10276	9.4	224411.1	-4454.0								
10277	9.2	224421.6	-4429.7								
10278	9.4	224549.6	-4403.9								
10279	9.6	224707.6	-4439.3								
10280	9.2	224809.1	-4406.8								
10281	8.5	224823.1	-4419.4								
10282	9.6	224825.9	-4430.2								
10283	9.2	224854.4	-4416.8								
10284	9.6	224912.7	-4401.4								
10285	9.6	225015.4	-4455.3								
10286	9.5	225044.7	-4417.5								
10287	9.6	225105.2	-4409.6								
10288	8.4	225152.4	-4436.2								
10289	9.5	225206.0	-4444.0								
10290	9.2	225258.0	-4412.1								
10291	9.6	225344.0	-4434.2								
10292	9.2	225438.0	-4414.5								
10293	8.4	225501.0	-4457.0								
10294	8.9	225809.8	-4452.1								
10295	7.1	225935.8	-4410.7								
10296	9.6	225936.3	-4403.3								
10297	5.6	225949.3	-4411.7								
10298	9.6	230003.8	-4434.3								
10299	9.5	230027.8	-4401.2								
10300	8.4	230030.8	-4435.8								
10301	9.5	230109.8	-4438.3								
10302	9.3	230129.8	-4424.1								
10303	9.0	230135.3	-4452.9								
10304	9.5	230217.8	-4425.9								
10305	8.9	230359.8	-4419.7								
10306	9.0	230434.8	-4458.8								
10307	7.4	230502.3	-4440.0								
10308	8.4	230559.8	-4444.4								
10309	9.5	230609.8	-4402.4								
10310	9.6	230621.8	-4453.4								
10311	8.4	230744.3	-4425.4								
10312	9.5	230750.8	-4424.3								
10313	7.9	230829.8	-4416.9								
10314	9.5	230844.2	-4434.1								
10315	9.6	231203.3	-4453.0								
10316	8.9	231350.3	-4431.8								
10317	8.6	231457.3	-4453.3								
10318	8.9	231536.3	-4402.9								
10319	9.0	231606.3	-4450.1								
10320	8.6	231617.8	-4447.6								
10321	9.6	231629.2	-4422.9								
10322	8.6	231642.7	-4418.6								
10323	9.6	231653.9	-4457.3								
10324	7.8	231707.2	-4417.2								
10325	8.8	231824.5	-4432.6								
10326	8.4	232103.2	-4423.4								
10327	8.8	232150.2	-4422.4								
10328	8.8	232204.2	-4427.5								
10329	9.9	232316.0	-4454.1								
10330	9.4	232402.5	-4419.5								
10331	9.9	232459.0	-4436.2								
10332	9.9	232504.5	-4448.2								
10333	9.9	232510.0	-4454.1								
10334	7.8	232518.0	-4416.8								
10335	9.9	232530.5	-4458.6								
10336	9.8	232534.0	-4423.3								
10337	8.8	232535.5	-4418.1								
10338	9.4	232606.0	-4431.1								
10339	9.8	232625.5	-4428.0								
10340	8.4	232701.5	-4439.6								
10341	8.6	232711.1	-4416.6								
10342	9.9	232721.1	-4400.9								
10343	9.6	232759.6	-4448.9								
10344	9.4	232840.6	-4456.3								
10345	8.6	232918.1	-4408.3								
10346	9.9	232937.5	-4401.4								
10347	8.6	232938.6	-4423.8								
10348	9.9	232939.6	-4447.5								
10349	9.9	232951.6	-4451.7								
10350	9.4	233000.6	-4413.4								
10351	9.2	233008.1	-4417.3								
10352	9.2	233023.1	-4425.0								
10353	9.9	233030.6	-4433.2								
10354	8.4	233039.6	-4448.9								
10355	9.9	233210.6	-4418.9								
10356	9.9	233235.1	-4437.3								
10357	9.0	233255.3	-4402.7								
10358	9.7	233346.6	-4434.3								
10359	9.0	233411.6	-4434.1								
10360	9.6	233419.6	-4418.0								
10361	9.8	233436.6	-4415.1								

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-4410362 23h35m

-45 315 3h05m

10362	9.2	233527.1	-4456.1	46	9.8	02214.5	-4521.1	136	9.5	10512.3	-4525.6	226	8.8	20944.4	-4508.8
10363	9.9	233527.6	-4413.1	47	9.8	02229.2	-4506.9	137	10.2	10524.8	-4510.3	227	8.6	21058.9	-4519.0
10364	8.4	233715.6	-4417.5	48	9.8	02234.7	-4517.4	138	8.7	10635.3	-4509.7	228	10.0	21114.4	-4510.1
10365	9.9	233822.6	-4450.6	49	9.8	02234.7	-4518.8	139	10.2	10842.3	-4507.4	229	9.1	21230.4	-4520.5
10366	9.9	233859.6	-4424.2	50	8.0	02245.7	-4517.8	140	9.8	10859.8	-4508.0	230	9.8	21439.4	-4544.1
10367	9.9	233931.1	-4400.1	51	9.8	02257.7	-4522.8	141	8.4	10909.3	-4555.9	231	10.0	21523.4	-4537.9
10368	9.8	233948.1	-4446.6	52	8.4	02305.7	-4545.1	142	10.2	10931.3	-4537.0	232	10.0	21546.4	-4523.6
10369	9.8	233951.1	-4404.3	53	9.8	02343.2	-4558.2	143	8.0	10938.5	-4517.0	233	9.6	21658.4	-4506.2
10370	8.8	234024.6	-4408.7	54	9.8	02358.5	-4552.9	144	9.8	11018.6	-4508.4	234	10.0	21805.0	-4528.3
10371	9.7	234104.1	-4417.0	55	9.8	02455.7	-4511.2	145	9.4	11023.6	-4546.1	235	9.0	21829.4	-4538.8
10372	9.9	234152.6	-4458.9	56	9.8	02525.7	-4556.0	146	8.8	11325.8	-4535.7	236	10.0	21846.0	-4519.9
10373	9.0	234253.6	-4409.3	57	9.0	02547.7	-4537.3	147	10.0	11356.3	-4546.0	237	10.0	21931.0	-4519.8
10374	9.5	234428.6	-4401.9	58	9.2	02713.7	-4548.2	148	10.2	11603.3	-4549.3	238	8.3	21946.4	-4542.4
10375	8.5	234446.1	-4416.6	59	9.8	02741.7	-4517.0	149	7.4	11603.8	-4547.6	239	9.2	22016.4	-4551.5
10376	9.7	234548.6	-4457.7	60	9.3	02816.7	-4517.0	150	9.0	11624.8	-4518.9	240	9.2	22133.4	-4559.1
10377	9.2	234638.3	-4406.6	61	8.8	02829.9	-4519.5	151	9.6	11634.3	-4504.8	241	10.0	22148.9	-4555.0
10378	10.2	234734.8	-4415.0	62	9.8	02856.4	-4547.2	152	9.6	11712.4	-4558.3	242	8.3	22259.4	-4536.5
10379	9.6	234751.5	-4437.9	63	9.8	02935.9	-4545.8	153	10.2	11748.8	-4549.5	243	8.5	22344.4	-4534.9
10380	10.0	234821.5	-4403.9	64	9.4	02950.9	-4542.6	154	9.0	11749.8	-4519.4	244	9.6	22609.4	-4500.1
10381	10.2	234846.5	-4414.0	65	9.2	03001.9	-4528.5	155	10.2	11844.8	-4506.2	245	10.0	22705.9	-4559.8
10382	9.6	234952.7	-4427.4	66	9.8	03008.9	-4504.4	156	10.2	11912.8	-4534.9	246	9.2	22752.4	-4521.8
10383	9.2	234955.2	-4453.4	67	9.6	03035.9	-4525.1	157	7.2	11915.8	-4510.7	247	10.0	22800.0	-4542.0
10384	9.8	234959.7	-4436.4	68	9.8	03050.9	-4520.6	158	9.2	12051.3	-4520.5	248	8.4	22813.0	-4544.7
10385	10.0	235013.7	-4432.0	69	9.8	03111.4	-4522.4	159	10.2	12138.8	-4527.3	249	8.8	22820.0	-4521.5
10386	8.0	235024.3	-4401.9	70	9.0	03130.4	-4505.8	160	10.2	12203.3	-4523.5	250	9.1	22831.5	-4552.1
10387	10.2	235115.7	-4432.9	71	8.8	03156.4	-4532.5	161	9.8	12235.3	-4515.3	251	10.0	22855.0	-4552.9
10388	10.2	235150.4	-4400.0	72	9.2	03225.4	-4530.1	162	9.8	12243.3	-4555.8	252	9.0	22923.5	-4553.7
10389	8.4	235156.2	-4437.6	73	7.4	03353.9	-4529.0	163	8.6	12243.8	-4543.6	253	9.0	23059.2	-4536.9
10390	9.8	235311.2	-4425.6	74	9.6	03450.9	-4541.3	164	10.0	12310.8	-4504.9	254	8.2	23127.5	-4518.2
10391	9.8	235314.7	-4448.2	75	9.8	03451.4	-4520.4	165	8.8	12411.3	-4527.3	255	10.0	23138.1	-4557.2
10392	10.2	235319.7	-4438.8	76	9.8	03528.9	-4518.2	166	10.2	12419.8	-4510.0	256	9.0	23144.2	-4516.1
10393	9.0	235347.7	-4418.0	77	9.8	03531.2	-4517.7	167	9.8	12536.3	-4554.9	257	10.0	23149.0	-4548.9
10394	6.8	235352.2	-4459.1	78	9.8	03604.2	-4540.7	168	7.4	12619.8	-4517.9	258	10.0	23151.2	-4521.6
10395	8.2	235354.7	-4403.4	79	8.8	03633.7	-4513.0	169	10.2	12651.8	-4531.3	259	9.8	23157.2	-4531.0
10396	10.2	235404.7	-4403.1	80	9.8	03711.7	-4513.3	170	9.4	12656.3	-4512.0	260	9.6	23238.2	-4546.7
10397	8.4	235609.7	-4438.6	81	7.2	03722.2	-4552.1	171	9.8	12713.3	-4526.1	261	10.0	23244.5	-4557.5
10398	9.6	235646.7	-4426.6	82	9.6	03805.2	-4555.2	172	9.8	12714.8	-4528.1	262	10.0	23252.2	-4545.1
10399	9.2	235742.7	-4444.8	83	8.9	03831.2	-4540.0	173	8.4	12723.8	-4522.8	263	10.0	23348.0	-4553.4
10400	7.8	235754.7	-4441.0	84	9.8	03906.2	-4535.8	174	10.0	12734.8	-4520.1	264	7.3	23351.0	-4516.4
10401	10.2	235836.8	-4451.5	85	8.2	03922.2	-4542.3	175	9.4	12815.8	-4525.3	265	8.2	23352.0	-4514.9
10402	8.5	235846.4	-4432.8	86	9.0	03949.2	-4516.7	176	8.4	12831.8	-4502.3	266	9.0	23509.8	-4501.2
10403	8.3	235939.4	-4423.1	87	9.2	04030.8	-4527.9	177	9.4	12844.8	-4523.7	267	9.0	23608.5	-4542.2
10404	9.2	235940.4	-4407.3	88	9.8	04104.5	-4515.5	178	10.0	12855.8	-4516.8	268	9.0	23733.5	-4500.8
10405	10.2	235955.6	-4426.0	89	10.2	04130.3	-4535.9	179	10.0	12902.7	-4501.9	269	8.8	23802.5	-4526.0
10406	9.4	235959.9	-4416.5	90	8.6	04221.0	-4533.9	180	10.2	12925.8	-4501.9	270	9.8	23806.5	-4540.0
1	10.2	00003.2	-4530.2	91	9.2	04244.3	-4526.9	181	10.2	12942.3	-4508.7	271	8.0	23846.5	-4511.0
2	10.2	00100.2	-4542.0	92	9.0	04532.9	-4502.9	182	8.4	13124.8	-4526.6	272	9.8	23910.5	-4504.0
3	9.0	00106.2	-4520.3	93	10.2	04602.3	-4559.1	183	10.2	13127.8	-4519.5	273	9.8	23938.7	-4545.2
4	7.9	00116.2	-4548.7	94	8.7	04723.3	-4515.0	184	10.0	13143.8	-4501.2	274	7.8	24031.2	-4553.7
5	9.6	00120.7	-4554.1	95	10.2	04829.3	-4506.6	185	8.8	13322.3	-4530.9	275	9.4	24114.2	-4552.6
6	9.2	00132.2	-4545.0	96	8.0	04912.8	-4553.9	186	7.7	13325.8	-4513.9	276	8.7	24159.2	-4512.9
7	10.2	00140.7	-4517.0	97	8.0	04925.1	-4502.8	187	10.2	13330.3	-4552.8	277	9.4	24330.2	-4520.6
8	9.4	00154.7	-4556.9	98	10.2	05115.3	-4533.9	188	10.2	13444.8	-4520.5	278	8.7	24340.2	-4550.9
9	7.5	00336.8	-4521.7	99	10.2	05124.3	-4545.2	189	8.0	13510.1	-4540.2	279	9.8	24359.2	-4515.1
10	10.2	00411.3	-4514.2	100	9.6	05234.8	-4539.0	190	9.4	13519.6	-4514.8	280	7.1	24427.7	-4536.5
11	9.4	00424.3	-4548.4	101	9.2	05311.8	-4542.2	191	9.4	13522.6	-4508.2	281	9.8	24532.2	-4523.0
12	9.8	00445.3	-4512.9	102	10.0	05349.8	-4526.1	192	10.2	13538.8	-4555.5	282	9.2	24614.2	-4523.2
13	9.8	00519.3	-4503.2	103	10.2	05405.3	-4535.8	193	10.2	13708.8	-4508.7	283	8.4	24621.2	-4545.4
14	9.8	00837.8	-4510.4	104	10.2	05430.3	-4540.8	194	9.6	13714.8	-4549.1	284	9.8	24638.2	-4553.8
15	9.0	00854.3	-4520.7	105	8.6	05430.3	-4546.6	195	8.5	13738.4	-4530.8	285	9.6	24651.7	-4542.6
16	10.2	00923.6	-4527.0	106	9.8	05437.3	-4528.0	196	8.0	13925.4	-4553.1	286	9.8	24652.2	-4503.6
17	10.0	00927.8	-4546.4	107	8.6	05458.4	-4559.9	197	7.8	14009.4	-4542.4	287	9.1	24829.2	-4505.5
18	7.9	01058.3	-4503.5	108	10.2	05459.3	-4504.7	198	7.8	14102.4	-4555.0	288	7.9	24919.2	-4507.0
19	8.4	01109.8	-4520.7	109	10.2	05511.3	-4523.4	199	9.2	14108.9	-4528.7	289	8.8	24924.2	-4501.5
20	9.6	01140.3	-4525.7	110	10.2	05512.3	-4522.6	200	9.0	14435.4	-4525.3	290	9.8	24934.2	-4533.0
21	9.4	01153.8	-4524.1	111	10.2	05514.8	-4524.1	201	10.0	14813.6	-4512.1	291	9.0	25039.2	-4533.8
22	9.8	01248.3	-4558.6	112	8.9	05530.4	-4558.5	202	10.0	15101.2	-4524.5	292	9.6	25121.7	-4545.3
23	8.5	01259.5	-4557.6	113	9.5	05610.3	-4531.9	203	8.4	15131.2	-4525.9	293	9.4	25148.2	-4510.4
24	9.8	01301.8	-4515.1	114	10.2	05626.8	-4558.5	204	8.2	15416.2	-4521.0	294	9.2	25210.2	-4505.5
25	10.0	01341.0	-4522.3	115	10.2	05628.1	-4548.4	205	10.0	15433.5	-4558.3	295	9.2	25406.2	-4513.9
26	10.0	01404.8	-4513.3	116	7.5	05634.8	-4550.7	206	8.4	15456.7	-4509.0	296	9.8	25414.2	-4553.1
27	9.8	01415.5	-4550.8	117	10.2	05726.8	-4542.8	207	10.0	15546.7	-4507.1	297	9.8	25432.2	-4513.3
28	10.2	01429.3	-4508.4	118	9.0	05827.3	-4514.2	208	9.6	15559.7	-4548.0	298	9.8	25512.7	-4554.1
29	9.8	01442.5	-4519.9	119	10.0	05851.1	-4508.6	209	6.4	15640.7	-4518.9	299	9.2	25610.2	-4532.1
30	9.8	01521.2	-4538.9	120	10.2	05927.8	-4512.9	210	9.6	15810.7	-4534.6	300	8.0	25629.2	-4546.6
31	8.6	01608.7	-4520.5	121	10.2	05936.8	-4533.4	211	9.8	15910.8	-4510.4	301	9.6	25714.2	-4525.4
32	9.8	01618.7	-4512.2	122	10.2	10001.3	-4511.6	212	9.8	20029.8	-4505.1	302	9.8	25755.4	-4502.4
33	9.8	01633.7	-4540.3	123	9.4	10119.8	-4518.2	213	9.4	20111.3	-4550.0	303	9.6	25849.2	-4556.1
34	9.8	01646.2	-4532.6	124	9.4	10139.3	-4502.7	214	9.6	20112.8	-4545.8	304	9.8	25851.7	-4528.9
35	8.8	01654.7	-4543.0	125	9.4	10156.3	-4515.0	215	9.8	20323.6	-4555.5	305	9.2	25934.2	-4555.6
36	9.3	01745.7	-4516.9	126	9.2	10210.8	-4534.0	216	8.8	20344.1	-4505.1	306	9.8	30015.9	-4508.8
37	9.8	01805.7	-4507.3	127	9.0	10217.3	-4559.0	217	9.0	20539.6	-4523.2	307	9.8	30148.7	-4518.6
38	9.2	01904.7	-4509.2	128	8.6	10224.8	-4528.4	218	10.0	20544.9	-4502.4	308	8.6	30242.9	-4549.5
39	9.0	01916.7	-4504.4	129	8.9	10338.3	-4510.9	219	8.0	20633.9	-4556.5	309	9.8	30318.4	-4531.4
40	9.6	01925.2	-4539.6	130	9.4	10339.3	-4506.2	220	9.8	20713.9	-4547.3	310	9.2	30345.9	-4536.4
41	9.4	02019.8	-4559.1	131	10.2	10355.3	-4543.2	221	9.0	20729.4	-4543.1	311	9.8	30358.9	-4531.1
42	9.8	02045.7	-4552.3	132	10.2	10409.2	-4510.5	222	7.8	20751.9	-4504.6	312	8.7	30412.4	-4555.5
43	9.0	02131.7	-4555.7	133	8.6	10428.8	-4509.8	223	9.2	20754.9	-4548.1	313	9.8	30426.9	-4504.9
44	9.8	02205.7	-4549.3	134	9.6	10451.3	-4553.8	224	10.0	20809.0	-4520.7	314	8.1	30430.4	-4526.0
45	9.4	02212.2	-4504.8	135	10.2	10500.3	-4537.9	225	9.8	20821.4	-4506.8	315	9.8	30524.4	-4539.6

-45 316 3h05m

-45 675 5h40m

316	8.4	30534.9	-4528.0	406	9.8	40559.2	-4543.6	496	9.7	43439.2	-4539.2	586	9.8	51107.7	-4505.0
317	9.8	30711.9	-4549.7	407	8.4	40639.2	-4550.2	497	8.6	43545.2	-4522.0	587	9.4	51135.2	-4536.3
318	9.0	30816.4	-4536.9	408	10.4	40644.2	-4552.7	498	8.3	43556.2	-4517.4	588	9.7	51147.0	-4559.5
319	9.8	30920.4	-4518.4	409	9.2	40741.2	-4532.8	499	9.8	43558.7	-4510.8	589	9.9	51153.2	-4548.8
320	9.8	31004.4	-4509.2	410	10.0	40744.2	-4541.9	500	9.8	43600.7	-4543.3	590	9.6	51250.7	-4549.4
321	9.1	31031.0	-4527.8	411	9.8	40744.2	-4540.2	501	9.8	43630.7	-4543.0	591	9.2	51251.2	-4544.8
322	8.6	31035.4	-4501.7	412	9.2	40748.7	-4508.3	502	9.8	43656.7	-4524.1	592	9.4	51309.2	-4529.6
323	9.8	31045.9	-4510.1	413	8.6	40818.2	-4517.4	503	8.3	43720.7	-4556.8	593	9.9	51315.2	-4513.6
324	9.6	31253.9	-4554.0	414	8.1	40845.8	-4500.1	504	9.8	43722.7	-4555.8	594	9.9	51319.2	-4531.0
325	9.2	31334.4	-4509.5	415	8.3	40845.8	-4541.2	505	7.8	43801.2	-4532.8	595	9.9	51351.7	-4534.9
326	9.8	31425.9	-4519.4	416	10.4	40846.3	-4531.6	506	8.4	43808.2	-4509.2	596	9.6	51408.2	-4535.8
327	9.6	31510.9	-4550.0	417	10.3	40852.8	-4548.2	507	9.6	43811.7	-4557.8	597	9.9	51409.7	-4532.8
328	8.3	31513.9	-4533.7	418	10.3	40909.8	-4517.8	508	9.0	43813.7	-4543.4	598	9.9	51419.7	-4506.2
329	8.6	31523.9	-4547.8	419	8.4	41024.8	-4535.3	509	9.0	43910.7	-4533.0	599	9.0	51438.2	-4542.8
330	9.8	31539.4	-4541.2	420	8.6	41027.3	-4543.0	510	8.8	43925.7	-4552.8	600	9.8	51445.2	-4552.4
331	8.9	31548.4	-4541.5	421	10.4	41028.3	-4558.5	511	9.8	43934.7	-4533.6	601	9.7	51453.2	-4513.2
332	8.8	31604.4	-4537.2	422	8.5	41034.3	-4507.6	512	8.8	44014.7	-4517.0	602	9.4	51502.2	-4506.9
333	8.8	31640.9	-4538.2	423	10.3	41051.3	-4516.2	513	9.8	44026.7	-4514.1	603	9.4	51553.2	-4515.2
334	9.8	31857.9	-4546.7	424	9.8	41053.5	-4502.2	514	9.8	44044.2	-4544.7	604	9.6	51556.7	-4501.6
335	7.6	32002.4	-4532.3	425	9.8	41152.3	-4551.8	515	9.0	44128.7	-4539.5	605	9.7	51654.7	-4532.2
336	9.8	32014.9	-4541.1	426	8.2	41240.8	-4542.1	516	8.8	44217.4	-4556.9	606	9.4	51703.2	-4522.5
337	8.0	32021.9	-4508.4	427	10.2	41241.3	-4544.9	517	9.8	44227.6	-4556.7	607	9.9	51725.2	-4553.7
338	9.8	32028.4	-4502.9	428	10.4	41257.8	-4532.2	518	9.3	44302.4	-4507.8	608	9.9	51732.2	-4519.5
339	9.4	32038.9	-4531.0	429	10.3	41325.3	-4506.2	519	9.2	44303.9	-4553.0	609	9.9	51740.7	-4551.7
340	8.6	32102.4	-4529.0	430	10.0	41351.4	-4556.9	520	9.8	44412.9	-4531.6	610	8.4	51749.2	-4527.9
341	8.2	32108.4	-4542.6	431	9.8	41401.3	-4526.6	521	8.8	44440.4	-4513.8	611	9.2	51759.8	-4555.6
342	9.8	32215.9	-4519.0	432	7.4	41409.4	-4557.5	522	8.2	44539.4	-4522.7	612	8.6	51821.2	-4512.8
343	9.4	32329.4	-4537.8	433	10.2	41419.3	-4537.6	523	8.6	44555.4	-4513.2	613	10.2	51841.9	-4539.8
344	8.0	32348.9	-4558.9	434	9.2	41526.3	-4504.8	524	9.3	44609.9	-4527.5	614	10.0	51849.3	-4529.1
345	8.2	32614.2	-4509.8	435	9.6	41530.3	-4528.8	525	9.4	44611.9	-4536.2	615	10.2	51858.3	-4508.7
346	9.0	32645.4	-4502.9	436	9.4	41632.8	-4552.8	526	9.7	44621.4	-4536.0	616	9.2	51901.8	-4531.8
347	9.0	32821.2	-4540.9	437	8.8	41656.8	-4533.3	527	9.4	44641.4	-4559.8	617	8.1	51958.4	-4508.9
348	9.8	32836.9	-4514.8	438	10.4	41709.3	-4557.8	528	8.0	44659.4	-4552.9	618	9.6	52000.4	-4553.9
349	8.3	32846.7	-4558.5	439	10.3	41722.3	-4550.2	529	8.3	44718.9	-4508.3	619	8.1	52113.9	-4527.6
350	8.6	32922.2	-4500.2	440	7.8	41722.8	-4520.3	530	9.2	44729.9	-4515.4	620	9.6	52148.9	-4550.9
351	8.0	33037.9	-4503.6	441	10.0	41741.8	-4555.2	531	9.4	44850.9	-4509.5	621	8.2	52304.4	-4509.5
352	9.7	33140.4	-4525.9	442	9.4	41852.3	-4544.0	532	9.8	44920.4	-4544.9	622	10.2	52334.9	-4521.5
353	9.2	33140.9	-4524.0	443	8.5	41858.8	-4546.6	533	9.4	45005.9	-4516.3	623	10.2	52346.8	-4535.6
354	9.2	33211.4	-4551.7	444	9.8	41902.3	-4549.4	534	9.9	45106.3	-4523.0	624	10.2	52348.8	-4520.1
355	9.6	33334.7	-4559.1	445	9.4	41907.8	-4533.0	535	9.3	45109.8	-4504.6	625	9.4	52436.8	-4511.8
356	9.4	33456.6	-4511.9	446	10.4	41914.3	-4559.5	536	9.8	45114.6	-4559.0	626	8.9	52503.3	-4554.2
357	9.9	33853.1	-4539.9	447	8.6	41948.8	-4552.1	537	9.2	45313.3	-4535.1	627	10.2	52514.3	-4543.0
358	9.1	33916.6	-4526.3	448	8.8	42000.3	-4522.7	538	9.3	45354.8	-4557.6	628	9.7	52543.8	-4518.4
359	9.9	33922.1	-4548.9	449	10.4	42001.8	-4540.7	539	9.1	45356.8	-4509.7	629	9.6	52556.3	-4517.1
360	9.6	33927.1	-4539.2	450	9.2	42020.3	-4512.9	540	9.8	45407.3	-4513.4	630	10.2	52630.8	-4530.1
361	8.8	34021.1	-4509.9	451	10.2	42058.3	-4515.6	541	8.8	45411.3	-4520.4	631	9.9	52725.8	-4540.3
362	9.1	34143.1	-4500.6	452	8.6	42100.8	-4501.0	542	9.0	45436.3	-4501.2	632	10.0	52729.3	-4517.9
363	9.4	34150.1	-4541.9	453	10.2	42115.3	-4525.0	543	7.8	45507.3	-4528.8	633	10.2	52810.8	-4534.2
364	9.4	34340.1	-4505.4	454	9.0	42143.3	-4550.7	544	9.7	45557.3	-4553.0	634	9.7	52818.8	-4549.6
365	9.6	34351.3	-4557.3	455	10.4	42144.8	-4552.5	545	9.6	45639.3	-4525.6	635	9.9	52830.3	-4509.6
366	9.7	34400.1	-4557.0	456	10.2	42154.1	-4535.8	546	8.0	45752.8	-4500.6	636	9.9	52852.8	-4539.0
367	9.7	34400.1	-4533.7	457	7.1	42154.8	-4508.2	547	8.8	45801.8	-4550.0	637	10.2	52926.8	-4540.4
368	8.4	34430.6	-4533.3	458	10.4	42210.8	-4553.3	548	9.9	45803.8	-4533.7	638	9.7	52934.3	-4545.1
369	9.6	34512.1	-4550.1	459	9.0	42218.8	-4533.9	549	7.8	45825.3	-4546.8	639	9.6	53004.3	-4521.4
370	8.8	34515.1	-4509.7	460	9.4	42249.8	-4519.1	550	9.9	45831.3	-4551.6	640	8.9	53018.3	-4545.9
371	9.0	34556.1	-4540.0	461	10.3	42307.9	-4555.1	551	9.4	45844.3	-4553.0	641	10.2	53100.3	-4501.1
372	7.5	34601.1	-4545.8	462	10.4	42309.8	-4507.5	552	9.9	45846.3	-4503.8	642	9.8	53102.8	-4503.9
373	8.5	34611.1	-4533.2	463	10.4	42314.6	-4503.3	553	9.9	45852.8	-4538.8	643	9.6	53148.8	-4511.3
374	9.1	34653.9	-4500.0	464	8.2	42416.1	-4547.0	554	9.7	45912.8	-4508.2	644	9.6	53155.8	-4507.5
375	9.4	34724.6	-4551.7	465	9.7	42435.9	-4511.5	555	9.4	45924.8	-4524.4	645	10.2	53239.3	-4524.5
376	9.8	34757.1	-4527.4	466	9.8	42519.3	-4506.5	556	8.8	45928.3	-4542.9	646	10.0	53241.3	-4555.6
377	9.9	34817.6	-4501.1	467	9.3	42543.4	-4539.6	557	8.8	45956.3	-4559.8	647	9.9	53258.3	-4537.9
378	8.2	34837.1	-4519.1	468	8.8	42556.9	-4521.4	558	8.0	50019.3	-4522.8	648	10.2	53314.3	-4547.8
379	9.9	34838.1	-4555.9	469	8.6	42626.4	-4521.9	559	8.8	50049.8	-4507.2	649	10.2	53318.3	-4502.4
380	8.8	34839.1	-4556.7	470	9.7	42642.9	-4539.5	560	9.4	50059.8	-4520.8	650	10.2	53335.8	-4531.2
381	9.2	34905.1	-4542.8	471	5.3	42700.4	-4513.3	561	9.6	50129.3	-4503.2	651	9.8	53339.2	-4542.8
382	9.3	34910.1	-4521.4	472	9.8	42701.4	-4542.9	562	9.9	50130.8	-4543.0	652	10.2	53358.7	-4517.8
383	9.9	34924.1	-4525.1	473	8.8	42702.4	-4552.1	563	8.8	50139.8	-4507.9	653	9.6	53405.2	-4543.9
384	9.3	35101.1	-4542.1	474	8.6	42715.9	-4511.6	564	9.8	50300.1	-4550.0	654	9.7	53434.2	-4516.2
385	9.9	35135.1	-4520.6	475	8.1	42718.9	-4537.7	565	9.9	50320.3	-4516.9	655	10.0	53459.7	-4552.1
386	9.9	35215.1	-4515.9	476	9.8	42721.2	-4541.6	566	9.0	50329.8	-4538.6	656	9.6	53513.7	-4525.4
387	9.4	35223.6	-4552.6	477	9.2	42739.7	-4530.2	567	9.9	50358.8	-4535.7	657	10.2	53530.2	-4541.8
388	9.6	35249.6	-4552.3	478	9.7	42742.2	-4516.1	568	9.0	50359.8	-4544.2	658	9.0	53539.7	-4537.6
389	9.7	35251.1	-4528.4	479	9.8	42744.2	-4501.8	569	9.6	50401.8	-4514.4	659	10.2	53618.2	-4508.2
390	9.9	35254.6	-4536.2	480	9.8	42747.7	-4504.8	570	8.5	50404.3	-4555.8	660	10.2	53619.2	-4525.6
391	9.6	35339.4	-4524.8	481	9.8	42805.7	-4555.0	571	9.4	50438.3	-4517.0	661	10.2	53624.7	-4510.0
392	8.7	35340.4	-4505.8	482	9.4	42814.7	-4522.6	572	9.0	50453.3	-4533.7	662	9.7	53644.2	-4505.2
393	9.9	35452.0	-4506.5	483	9.0	43039.7	-4511.4	573	9.8	50538.3	-4547.0	663	9.0	53656.2	-4548.2
394	9.2	35710.4	-4512.0	484	9.3	43124.2	-4535.2	574	8.8	50607.8	-4533.4	664	9.6	53724.7	-4548.0
395	10.4	35734.2	-4538.9	485	9.2	43124.7	-4505.7	575	8.0	50608.4	-4501.9	665	10.2	53726.2	-4554.0
396	7.8	35816.5	-4500.6	486	9.8	43200.7	-4537.6	576	9.3	50617.7	-4527.2	666	9.2	53739.2	-4548.0
397	7.5	35945.7	-4504.6	487	7.4	43217.2	-4523.4	577	8.4	50629.7	-4501.0	667	10.2	53739.2	-4520.6
398	10.3	35953.0	-4500.1	488	9.8	43243.5	-4557.8	578	9.3	50731.2	-4533.2	668	9.8	53750.7	-4553.8
399	9.2	40048.2	-4500.5	489	8.8	43304.7	-4511.4	579	9.3	50734.2	-4543.8	669	9.6	53802.7	-4555.6
400	10.2	40144.2	-4539.9	490	9.2	43311.7	-4505.6	580	9.0	50740.7	-4506.4	670	10.2	53902.2	-4528.4
401	8.2	40309.2	-4516.8	491	9.8	43344.2	-4525.2	581	9.9	50743.7	-4546.2	671	7.5	53914.7	-4517.6
402	8.5	40417.7	-4532.9	492	9.2	43349.2	-4508.2	582	9.4	50845.7	-4559.6	672	10.2	53933.7	-4537.6
403	10.4	40457.1	-4557.9	493	9.8	43358.7	-4520.0	583	9.1	50936.2	-4539.8	673	10.2	53948.2	-4520.0
404	10.2	40545.2	-4516.6	494	8.8	43401.7	-4502.0	584	9.1	51023.7	-4542.6	674	6.5	54008.7	-4553.4
405	9.8	40552.2	-4540.9	495	9.4	43411.2	-4554.3	585	8.4	51055.7	-4556.0	675	8.4	54009.2	-4540.6

676	9.2	54012.2	-4547.8	766	10.1	60450.9	-4531.1	856	9.9	62059.0	-4554.9	946	9.2	63113.7	-4505.3
677	10.2	54024.2	-4535.9	767	10.4	60452.4	-4514.4	857	10.0	62105.0	-4552.5	947	8.8	63117.2	-4512.4
678	10.2	54028.5	-4500.2	768	10.4	60507.4	-4538.0	858	9.4	62111.0	-4521.0	948	9.9	63126.7	-4522.6
679	10.2	54036.2	-4508.1	769	10.4	60509.4	-4514.0	859	9.8	62118.0	-4526.3	949	10.2	63141.2	-4532.4
680	9.9	54112.7	-4527.6	770	9.0	60559.4	-4519.1	860	9.6	62129.0	-4527.1	950	9.8	63155.2	-4530.2
681	9.6	54126.7	-4510.2	771	9.8	60603.9	-4526.8	861	10.2	62137.5	-4554.9	951	10.2	63206.2	-4530.8
682	10.0	54132.2	-4537.2	772	10.4	60639.4	-4517.9	862	10.2	62154.0	-4545.1	952	9.6	63216.7	-4541.5
683	10.0	54248.2	-4547.6	773	9.1	60654.4	-4528.5	863	9.8	62158.0	-4505.3	953	10.2	63223.7	-4516.7
684	9.9	54256.7	-4549.2	774	9.6	60656.4	-4503.3	864	10.2	62212.5	-4529.5	954	10.2	63239.2	-4546.3
685	8.2	54309.2	-4525.5	775	6.7	60704.4	-4515.1	865	10.2	62212.5	-4524.0	955	8.8	63240.7	-4541.4
686	9.8	54311.7	-4546.7	776	10.1	60725.4	-4514.0	866	10.2	62220.5	-4539.2	956	10.2	63249.2	-4539.3
687	9.6	54319.7	-4528.2	777	9.2	60731.0	-4559.0	867	10.2	62226.0	-4531.9	957	10.2	63309.9	-4559.3
688	7.7	54324.2	-4541.7	778	10.4	60735.4	-4549.9	868	10.2	62226.5	-4520.1	958	10.2	63317.2	-4548.3
689	9.7	54353.7	-4517.3	779	10.2	60740.4	-4534.8	869	9.1	62254.4	-4502.1	959	9.2	63318.7	-4555.3
690	9.4	54404.7	-4502.8	780	10.4	60755.4	-4505.8	870	10.0	62254.5	-4508.0	960	9.9	63320.7	-4503.9
691	10.2	54509.7	-4552.6	781	10.4	60757.9	-4519.7	871	9.8	62301.0	-4533.5	961	9.5	63330.7	-4510.1
692	10.2	54517.6	-4551.1	782	9.2	60805.4	-4553.1	872	10.2	62326.0	-4507.9	962	9.6	63330.7	-4504.5
693	10.0	54521.2	-4531.1	783	9.8	60805.4	-4505.6	873	8.2	62349.5	-4501.5	963	9.4	63332.2	-4529.0
694	10.2	54527.2	-4507.0	784	10.2	60818.4	-4546.2	874	9.4	62357.0	-4555.7	964	10.2	63338.7	-4523.5
695	10.2	54536.2	-4530.1	785	10.4	60840.9	-4501.8	875	10.2	62359.8	-4502.3	965	10.2	63338.7	-4544.3
696	10.2	54541.2	-4505.3	786	10.4	60929.4	-4554.6	876	10.0	62420.5	-4507.9	966	10.0	63340.7	-4533.1
697	10.0	54550.7	-4528.6	787	10.4	60946.4	-4543.7	877	10.2	62425.0	-4545.5	967	8.0	63354.7	-4529.2
698	10.0	54552.3	-4512.3	788	8.2	60949.8	-4501.6	878	8.4	62428.0	-4532.3	968	10.0	63355.7	-4514.3
699	10.2	54604.7	-4549.0	789	7.8	61001.4	-4500.1	879	8.2	62433.0	-4516.5	969	10.0	63359.2	-4545.6
700	9.9	54614.2	-4526.1	790	10.4	61033.4	-4502.1	880	10.2	62441.5	-4506.7	970	9.8	63407.2	-4526.8
701	10.2	54619.8	-4523.2	791	10.0	61037.4	-4532.8	881	8.2	62442.0	-4536.6	971	10.2	63424.7	-4507.2
702	10.2	54647.2	-4540.7	792	9.6	61037.8	-4500.4	882	10.2	62452.0	-4522.7	972	8.4	63438.7	-4510.1
703	9.6	54656.8	-4512.3	793	9.1	61055.4	-4518.4	883	10.2	62454.5	-4544.9	973	9.9	63445.0	-4557.6
704	9.6	54719.8	-4546.7	794	9.4	61105.4	-4523.2	884	10.0	62506.0	-4528.0	974	9.5	63452.2	-4542.7
705	10.4	54736.9	-4543.2	795	10.2	61130.4	-4535.0	885	10.2	62515.0	-4547.7	975	8.2	63452.2	-4515.8
706	9.2	54820.4	-4526.0	796	10.4	61132.9	-4548.9	886	10.2	62518.0	-4549.7	976	10.2	63503.7	-4518.4
707	9.0	54846.4	-4527.3	797	10.4	61135.0	-4559.7	887	7.4	62519.0	-4541.8	977	10.2	63527.7	-4506.2
708	10.4	54849.9	-4506.7	798	10.0	61212.4	-4535.5	888	10.2	62519.0	-4520.3	978	9.8	63531.2	-4526.3
709	10.4	54856.4	-4516.9	799	9.1	61216.4	-4553.5	889	10.0	62519.5	-4553.1	979	10.2	63536.6	-4556.2
710	10.4	54859.4	-4515.6	800	10.4	61240.9	-4522.8	890	10.2	62523.0	-4516.4	980	10.2	63602.1	-4547.1
711	9.8	54903.4	-4500.9	801	9.0	61310.4	-4513.1	891	10.0	62526.0	-4543.7	981	8.6	63606.6	-4526.7
712	8.0	54917.9	-4519.6	802	9.8	61314.2	-4508.4	892	9.2	62527.0	-4533.1	982	10.0	63618.6	-4537.5
713	10.4	54920.4	-4504.5	803	10.2	61317.5	-4540.8	893	10.0	62527.0	-4508.5	983	10.2	63625.6	-4552.1
714	10.2	54936.9	-4548.8	804	10.2	61319.5	-4501.5	894	9.6	62529.0	-4506.5	984	10.0	63632.1	-4524.4
715	9.6	54942.4	-4551.1	805	10.2	61331.0	-4530.4	895	9.4	62537.0	-4518.0	985	10.2	63634.1	-4515.1
716	9.8	54948.9	-4544.0	806	9.4	61345.0	-4546.8	896	9.5	62541.0	-4547.2	986	9.5	63639.1	-4555.4
717	10.2	54949.9	-4526.8	807	10.2	61359.3	-4512.3	897	9.8	62545.0	-4521.1	987	10.2	63644.1	-4548.7
718	8.4	54955.9	-4533.8	808	10.2	61407.5	-4531.1	898	9.4	62545.5	-4537.1	988	10.0	63702.6	-4554.6
719	10.0	55008.4	-4539.4	809	9.1	61422.2	-4556.0	899	9.9	62615.8	-4500.1	989	9.8	63705.1	-4504.8
720	9.0	55012.9	-4542.9	810	10.0	61440.2	-4542.6	900	9.9	62624.5	-4546.1	990	9.6	63714.6	-4523.3
721	9.4	55020.9	-4556.7	811	10.2	61455.5	-4514.4	901	10.2	62625.0	-4500.6	991	9.1	63719.1	-4536.8
722	10.4	55038.9	-4502.4	812	10.2	61458.5	-4549.6	902	10.0	62626.0	-4504.9	992	10.2	63727.6	-4503.9
723	9.8	55122.4	-4514.4	813	10.2	61502.5	-4529.2	903	10.2	62628.8	-4551.6	993	8.4	63740.6	-4504 .4
724	9.0	55146.4	-4535.8	814	10.2	61519.5	-4537.8	904	10.2	62630.5	-4514.5	994	10.0	63744.1	-4515.8
725	8.3	55149.9	-4550.2	815	8.8	61527.0	-4550.4	905	10.2	62639.8	-4531.2	995	9.8	63744.6	-4504.0
726	10.4	55222.4	-4512.7	816	10.2	61531.5	-4503.3	906	9.4	62655.3	-4523.2	996	9.5	63748.1	-4525.8
727	9.2	55225.6	-4558.0	817	9.4	61534.0	-4544.8	907	10.2	62656.8	-4537.9	997	9.6	63749.6	-4544.2
728	10.2	55310.9	-4525.0	818	9.6	61539.0	-4533.0	908	10.2	62658.8	-4550.2	998	9.6	63800.1	-4540.4
729	10.4	55314.4	-4533.1	819	9.8	61549.0	-4529.0	909	9.4	62707.3	-4516.2	999	10.2	63802.6	-4516.5
730	10.2	55350.9	-4546.8	820	9.6	61601.0	-4554.4	910	10.2	62708.8	-4536.6	1000	9.8	63825.1	-4504.7
731	9.1	55401.9	-4546.1	821	9.9	61613.0	-4559.8	911	9.9	62712.3	-4542.4	1001	10.2	63841.6	-4531.2
732	9.8	55444.9	-4515.6	822	9.0	61617.3	-4557.7	912	10.0	62718.8	-4518.2	1002	9.6	63846.6	-4502.0
733	10.0	55445.9	-4513.5	823	9.6	61618.4	-4502.0	913	10.2	62726.3	-4506.2	1003	9.0	63853.6	-4514.0
734	9.6	55449.4	-4523.8	824	9.8	61620.5	-4541.0	914	10.2	62726.9	-4511.7	1004	10.0	63857.1	-4546.1
735	9.6	55501.9	-4545.6	825	9.5	61625.0	-4529.2	915	8.4	62731.8	-4544.6	1005	10.2	63858.6	-4550.1
736	9.8	55536.4	-4540.8	826	10.2	61645.5	-4504.2	916	10.2	62731.8	-4532.1	1006	10.2	63902.1	-4510.2
737	9.1	55552.4	-4508.5	827	10.2	61655.5	-4552.7	917	9.4	62735.8	-4550.8	1007	9.5	63909.6	-4515.2
738	9.8	55605.4	-4548.9	828	10.0	61701.0	-4528.3	918	9.8	62753.3	-4511.2	1008	9.4	63918.1	-4539.9
739	10.0	55605.9	-4547.9	829	10.2	61717.0	-4545.5	919	9.6	62802.8	-4514.9	1009	10.0	63931.1	-4538.9
740	8.8	55614.4	-4517.8	830	10.2	61726.0	-4522.8	920	10.2	62821.3	-4522.6	1010	9.9	63932.1	-4551.2
741	10.1	55649.4	-4545.9	831	10.2	61730.4	-4501.5	921	10.2	62822.3	-4521.2	1011	9.8	63934.6	-4550.3
742	10.4	55656.4	-4502.1	832	10.2	61733.0	-4521.8	922	10.2	62831.3	-4532.1	1012	10.2	63934.6	-4502.7
743	9.2	55705.4	-4511.7	833	10.0	61751.0	-4511.5	923	9.0	62837.3	-4526.0	1013	9.5	63935.6	-4507.1
744	9.2	55737.4	-4524.4	834	9.6	61830.5	-4505.1	924	8.0	62842.3	-4513.0	1014	10.2	63941.6	-4505.6
745	9.4	55809.4	-4509.0	835	10.2	61841.0	-4506.8	925	10.0	62843.3	-4516.7	1015	9.6	63942.1	-4530.2
746	10.2	55825.9	-4554.9	836	7.2	61851.0	-4553.9	926	10.2	62852.3	-4539.8	1016	10.2	63952.6	-4533.3
747	10.4	55926.9	-4521.1	837	9.6	61905.5	-4503.8	927	10.2	62858.3	-4510.5	1017	9.9	63958.6	-4525.8
748	10.4	55928.4	-4531.9	838	10.2	61917.5	-4526.6	928	10.0	62900.3	-4541.1	1018	9.8	64009.0	-4529.6
749	9.4	55942.4	-4500.0	839	9.9	61919.0	-4511.9	929	9.8	62907.8	-4513.5	1019	9.8	64010.5	-4519.7
750	10.0	55944.4	-4529.1	840	8.6	61919.5	-4551.4	930	10.0	62928.8	-4539.3	1020	10.2	64011.5	-4554.8
751	8.8	55945.4	-4511.5	841	9.6	61921.0	-4533.2	931	10.2	62933.8	-4548.4	1021	10.2	64012.2	-4557.4
752	9.1	60027.9	-4543.0	842	7.8	61921.0	-4533.8	932	8.0	62936.8	-4516.9	1022	10.0	64049.5	-4553.5
753	7.2	60052.4	-4502.2	843	10.2	61923.5	-4503.3	933	10.0	62948.3	-4513.0	1023	10.2	64100.0	-4539.6
754	7.7	60054.4	-4511.2	844	10.0	61949.0	-4548.0	934	9.9	62950.3	-4540.8	1024	10.2	64100.5	-4533.5
755	7.2	60104.4	-4504.7	845	10.2	62001.5	-4535.3	935	9.8	62950.8	-4539.0	1025	9.6	64101.5	-4545.4
756	10.2	60139.4	-4527.7	846	10.2	62002.3	-4557.6	936	9.4	62956.8	-4509.6	1026	9.9	64101.5	-4530.3
757	8.0	60239.4	-4548.1	847	10.2	62006.5	-4510.3	937	10.2	62958.8	-4515.5	1027	10.2	64105.2	-4536.1
758	9.6	60249.4	-4515.9	848	8.0	62022.0	-4553.1	938	10.0	63001.3	-4529.8	1028	9.1	64105.3	-4526.1
759	10.4	60249.9	-4530.8	849	9.6	62035.0	-4521.6	939	10.2	63034.8	-4542.7	1029	9.4	64108.4	-4559.8
760	10.2	60252.9	-4526.9	850	9.9	62040.5	-4557.0	940	10.0	63039.8	-4522.5	1030	10.0	64116.5	-4558.7
761	10.4	60310.6	-4506.6	851	9.9	62043.0	-4553.8	941	9.9	63040.3	-4535.7	1031	10.0	64127.7	-4519.0
762	10.4	60322.9	-4512.9	852	10.2	62044.2	-4559.1	942	9.1	63051.8	-4531.1	1032	10.0	64151.2	-4513.0
763	7.8	60324.4	-4504.7	853	10.2	62049.9	-4525.9	943	9.8	63052.8	-4526.6	1033	9.4	64159.7	-4559.7
764	10.2	60359.9	-4503.0	854	10.2	62051.5	-4557.1	944	9.8	63057.2	-4534.9	1034	10.0	64205.5	-4558.5
765	9.8	60430.4	-4502.2	855	9.6	62052.5	-4503.3	945	10.0	63109.7	-4526.1	1035	8.6	64213.0	-4552.0

-45 1036 6h42m

-45 1395 7h17m

1036	9.5	64229.0	-4547.5	1126	10.0	65412.0	-4556.3	1216	9.4	70323.5	-4529.5	1306	9.6	71022.7	-4527.0
1037	10.0	64246.0	-4546.7	1127	10.0	65417.0	-4547.2	1217	10.0	70323.5	-4540.9	1307	9.8	71023.7	-4517.1
1038	10.0	64304.5	-4553.9	1128	7.0	65425.0	-4555.8	1218	9.5	70324.0	-4547.0	1308	10.4	71032.2	-4528.0
1039	9.5	64305.5	-4526.4	1129	9.6	65430.0	-4542.0	1219	10.0	70327.5	-4540.2	1309	10.4	71032.2	-4509.5
1040	10.0	64305.5	-4505.5	1130	9.2	65431.0	-4546.6	1220	10.0	70331.0	-4539.9	1310	10.4	71045.2	-4526.9
1041	10.0	64309.5	-4552.7	1131	9.8	65441.0	-4533.2	1221	9.4	70331.0	-4539.2	1311	9.8	71049.2	-4516.3
1042	10.0	64312.5	-4506.7	1132	10.0	65449.0	-4513.0	1222	10.0	70349.0	-4511.6	1312	9.8	71052.2	-4552.3
1043	10.0	64312.5	-4506.1	1133	6.8	65503.0	-4535.8	1223	9.7	70349.0	-4553.5	1313	10.2	71106.0	-4533.4
1044	10.0	64315.0	-4538.2	1134	10.0	65505.0	-4520.5	1224	9.8	70351.0	-4526.1	1314	10.4	71110.0	-4549.9
1045	10.0	64336.0	-4547.9	1135	10.0	65509.0	-4522.2	1225	9.5	70356.5	-4530.5	1315	9.6	71120.0	-4518.0
1046	10.0	64339.5	-4509.7	1136	9.9	65514.5	-4515.6	1226	9.2	70359.0	-4503.5	1316	9.4	71133.5	-4542.6
1047	10.0	64345.2	-4557.1	1137	10.0	65533.0	-4532.2	1227	9.4	70359.0	-4512.0	1317	10.4	71135.6	-4501.9
1048	10.0	64400.0	-4532.5	1138	8.0	65533.0	-4503.4	1228	10.0	70405.5	-4533.9	1318	10.1	71149.5	-4542.3
1049	9.4	64407.5	-4513.9	1139	10.0	65539.0	-4515.2	1229	9.7	70425.0	-4509.0	1319	9.6	71156.0	-4534.7
1050	9.4	64416.5	-4504.9	1140	10.0	65539.2	-4501.2	1230	10.0	70425.7	-4558.6	1320	10.4	71157.0	-4502.1
1051	10.0	64429.0	-4500.9	1141	10.0	65541.0	-4513.2	1231	9.7	70430.5	-4526.6	1321	9.1	71202.0	-4545.8
1052	8.4	64438.0	-4514.7	1142	10.0	65543.5	-4543.5	1232	9.6	70447.5	-4508.4	1322	10.0	71219.0	-4519.8
1053	9.4	64439.0	-4544.4	1143	10.0	65544.0	-4511.0	1233	10.0	70448.5	-4520.9	1323	7.7	71220.0	-4540.4
1054	9.1	64440.5	-4505.9	1144	10.0	65546.0	-4543.0	1234	9.9	70459.0	-4540.5	1324	9.6	71223.5	-4518.5
1055	9.1	64502.5	-4552.5	1145	9.9	65552.5	-4550.0	1235	7.5	70515.5	-4507.7	1325	10.4	71224.0	-4549.5
1056	10.0	64503.5	-4514.4	1146	9.6	65552.5	-4518.0	1236	10.0	70519.7	-4559.9	1326	10.0	71232.0	-4536.2
1057	8.8	64503.5	-4536.5	1147	9.9	65556.5	-4513.0	1237	9.9	70521.0	-4514.6	1327	9.1	71234.0	-4543.9
1058	10.0	64509.5	-4545.9	1148	10.0	65557.0	-4557.0	1238	9.2	70521.2	-4521.1	1328	9.6	71240.0	-4535.1
1059	10.0	64522.5	-4524.3	1149	9.5	65602.5	-4552.4	1239	9.0	70525.2	-4538.9	1329	10.0	71245.0	-4522.4
1060	10.0	64529.0	-4547.7	1150	9.6	65605.0	-4555.3	1240	9.9	70528.7	-4513.9	1330	10.2	71301.5	-4517.7
1061	10.0	64535.5	-4506.9	1151	10.0	65614.0	-4523.6	1241	9.8	70531.2	-4554.3	1331	10.4	71320.0	-4532.9
1062	9.4	64536.0	-4533.3	1152	10.0	65616.5	-4524.4	1242	10.0	70536.7	-4505.3	1332	10.4	71320.0	-4550.6
1063	10.0	64539.0	-4527.5	1153	9.4	65621.0	-4508.6	1243	9.9	70542.7	-4532.5	1333	10.4	71330.0	-4537.8
1064	7.1	64554.0	-4525.4	1154	10.0	65641.0	-4501.6	1244	10.0	70544.2	-4524.4	1334	9.6	71342.5	-4549.4
1065	10.0	64554.5	-4513.1	1155	10.0	65648.0	-4553.6	1245	9.2	70551.7	-4509.0	1335	10.1	71342.5	-4514.4
1066	9.7	64600.0	-4556.7	1156	9.6	65656.0	-4539.9	1246	10.0	70554.2	-4502.5	1336	10.2	71342.6	-4502.0
1067	9.8	64617.5	-4525.9	1157	10.0	65657.1	-4557.3	1247	10.0	70554.7	-4512.5	1337	10.4	71348.5	-4504.7
1068	10.0	64618.0	-4547.1	1158	9.8	65709.0	-4508.8	1248	10.0	70559.2	-4545.2	1338	9.4	71348.5	-4535.2
1069	7.8	64619.0	-4518.1	1159	9.4	65727.0	-4540.4	1249	9.9	70608.7	-4554.6	1339	10.4	71350.5	-4527.2
1070	10.0	64628.5	-4544.9	1160	10.0	65749.0	-4556.0	1250	9.9	70609.7	-4528.1	1340	10.4	71353.0	-4534.4
1071	9.7	64636.5	-4547.9	1161	9.7	65758.5	-4531.0	1251	9.5	70612.7	-4529.4	1341	9.0	71354.5	-4531.0
1072	9.0	64654.2	-4557.8	1162	9.9	65809.5	-4510.4	1252	10.0	70617.7	-4524.1	1342	10.4	71400.5	-4517.2
1073	10.0	64709.0	-4542.1	1163	9.9	65811.0	-4554.8	1253	8.5	70624.2	-4517.2	1343	9.0	71406.5	-4531.9
1074	10.0	64719.0	-4501.5	1164	10.0	65812.2	-4526.1	1254	10.0	70624.2	-4549.0	1344	10.4	71408.5	-4514.0
1075	9.2	64742.5	-4553.1	1165	8.8	65812.5	-4537.2	1255	10.0	70624.7	-4553.1	1345	9.0	71410.0	-4525.2
1076	9.7	64803.5	-4503.7	1166	10.0	65812.5	-4522.1	1256	9.9	70630.2	-4520.9	1346	8.5	71410.5	-4534.2
1077	10.0	64810.0	-4525.4	1167	8.8	65815.5	-4520.4	1257	8.3	70646.7	-4528.8	1347	10.0	71413.5	-4545.9
1078	9.7	64813.0	-4549.0	1168	9.6	65821.0	-4517.8	1258	7.6	70657.2	-4522.5	1348	10.4	71418.5	-4529.9
1079	10.0	64825.0	-4509.9	1169	9.4	65832.5	-4527.2	1259	9.7	70703.7	-4524.1	1349	9.8	71421.0	-4516.6
1080	9.7	64826.0	-4545.3	1170	9.7	65837.0	-4550.2	1260	10.0	70705.2	-4527.5	1350	10.4	71423.5	-4540.3
1081	9.4	64833.0	-4518.5	1171	9.5	65838.0	-4519.2	1261	9.6	70714.7	-4549.2	1351	9.8	71431.0	-4545.8
1082	9.4	64837.5	-4517.2	1172	10.0	65844.5	-4505.6	1262	9.8	70718.7	-4507.3	1352	9.3	71433.0	-4558.2
1083	10.0	64840.0	-4525.3	1173	10.0	65907.5	-4517.0	1263	10.0	70728.2	-4533.8	1353	10.4	71433.0	-4551.1
1084	8.2	64849.0	-4553.8	1174	9.6	65909.0	-4536.6	1264	8.5	70729.7	-4540.2	1354	10.4	71438.0	-4535.1
1085	10.0	64913.0	-4559.9	1175	7.9	65913.5	-4534.0	1265	10.0	70730.7	-4518.6	1355	10.4	71446.0	-4511.0
1086	8.6	64927.5	-4516.8	1176	9.4	65915.5	-4536.0	1266	10.0	70738.3	-4502.7	1356	10.4	71452.0	-4515.0
1087	8.8	64930.0	-4553.0	1177	10.0	65917.0	-4507.2	1267	9.4	70742.2	-4545.0	1357	10.4	71455.5	-4506.4
1088	9.9	64931.0	-4541.2	1178	9.2	65948.8	-4501.4	1268	9.6	70748.7	-4559.6	1358	10.2	71459.0	-4538.2
1089	10.0	64931.5	-4532.9	1179	9.9	65953.5	-4520.8	1269	10.0	70749.2	-4528.9	1359	10.4	71502.0	-4546.2
1090	10.0	64948.0	-4507.0	1180	9.9	65955.0	-4530.4	1270	10.0	70751.7	-4520.9	1360	10.4	71507.3	-4506.6
1091	10.0	64954.0	-4525.1	1181	9.8	70003.5	-4515.2	1271	9.6	70758.7	-4532.6	1361	10.1	71508.5	-4504.7
1092	10.0	65000.5	-4536.2	1182	10.0	70007.0	-4527.9	1272	10.0	70759.7	-4530.7	1362	10.4	71509.5	-4539.0
1093	10.0	65008.0	-4501.2	1183	9.9	70014.0	-4546.9	1273	10.0	70827.2	-4545.2	1363	10.0	71510.5	-4535.0
1094	10.0	65010.5	-4524.6	1184	10.0	70036.0	-4511.2	1274	10.0	70832.9	-4558.2	1364	10.4	71513.0	-4534.0
1095	9.9	65019.0	-4506.0	1185	10.0	70042.5	-4526.7	1275	10.0	70833.6	-4502.1	1365	7.6	71513.5	-4504.3
1096	8.8	65029.0	-4515.4	1186	9.2	70104.0	-4532.2	1276	9.5	70844.4	-4506.8	1366	8.5	71516.0	-4549.7
1097	10.0	65036.0	-4522.0	1187	10.0	70109.2	-4557.4	1277	9.8	70851.7	-4535.2	1367	10.4	71516.3	-4518.2
1098	9.6	65037.5	-4518.2	1188	9.4	70113.5	-4538.5	1278	10.0	70852.9	-4527.8	1368	10.4	71522.0	-4555.4
1099	10.0	65040.0	-4532.1	1189	9.7	70113.5	-4554.3	1279	9.5	70857.2	-4526.1	1369	9.8	71527.0	-4507.5
1100	9.2	65041.0	-4529.8	1190	9.7	70120.5	-4500.2	1280	9.9	70904.2	-4525.0	1370	10.0	71527.0	-4520.2
1101	9.6	65045.0	-4500.2	1191	9.4	70121.0	-4514.6	1281	10.0	70906.2	-4544.2	1371	9.8	71528.0	-4536.6
1102	9.1	65059.0	-4524.2	1192	10.0	70133.5	-4513.6	1282	10.4	70912.2	-4525.8	1372	10.4	71529.5	-4502.7
1103	8.4	65100.0	-4544.1	1193	10.0	70134.0	-4508.4	1283	10.4	70912.2	-4521.9	1373	10.4	71547.5	-4515.9
1104	9.9	65106.5	-4505.6	1194	8.8	70139.0	-4508.0	1284	10.4	70918.7	-4507.0	1374	10.4	71548.0	-4504.9
1105	9.4	65127.5	-4548.7	1195	10.0	70139.0	-4526.6	1285	10.4	70919.7	-4537.0	1375	9.6	71602.0	-4506.5
1106	8.8	65134.0	-4527.1	1196	10.0	70141.0	-4532.2	1286	9.8	70921.0	-4502.3	1376	10.0	71603.5	-4554.7
1107	9.2	65140.0	-4511.2	1197	9.4	70142.5	-4500.8	1287	9.3	70922.2	-4543.0	1377	10.4	71603.5	-4549.0
1108	9.6	65152.5	-4556.7	1198	9.8	70201.0	-4512.6	1288	10.4	70927.2	-4548.1	1378	8.6	71608.5	-4524.5
1109	10.0	65154.0	-4516.2	1199	9.2	70203.0	-4526.6	1289	9.8	70928.7	-4518.5	1379	9.0	71610.0	-4507.2
1110	9.9	65212.0	-4524.2	1200	9.5	70219.0	-4543.9	1290	9.5	70929.0	-4505.9	1380	10.0	71612.5	-4554.7
1111	9.7	65217.3	-4559.9	1201	10.0	70220.0	-4536.6	1291	10.1	70930.7	-4503.7	1381	10.4	71619.5	-4557.3
1112	10.0	65219.0	-4535.8	1202	9.0	70222.5	-4504.4	1292	10.0	70937.5	-4552.2	1382	10.4	71626.5	-4557.3
1113	9.8	65230.0	-4531.5	1203	8.2	70227.0	-4546.5	1293	10.4	70944.2	-4533.9	1383	9.4	71630.6	-4502.4
1114	10.0	65237.2	-4500.8	1204	9.2	70236.0	-4508.3	1294	9.8	70946.2	-4502.8	1384	10.4	71631.5	-4544.7
1115	10.0	65245.5	-4527.5	1205	9.6	70238.0	-4510.8	1295	10.0	70948.7	-4515.4	1385	10.4	71636.0	-4552.6
1116	9.9	65251.0	-4501.0	1206	9.6	70248.5	-4539.0	1296	9.6	70949.2	-4531.0	1386	9.8	71642.0	-4551.1
1117	9.9	65259.5	-4542.4	1207	10.0	70251.5	-4529.5	1297	10.2	70949.2	-4513.9	1387	9.5	71643.5	-4531.0
1118	9.4	65303.0	-4509.7	1208	9.9	70253.5	-4501.8	1298	9.8	71007.7	-4520.9	1388	10.4	71643.5	-4528.6
1119	10.0	65315.0	-4528.0	1209	10.0	70257.0	-4540.4	1299	10.1	71008.7	-4503.1	1389	10.0	71646.0	-4538.9
1120	10.0	65329.0	-4533.3	1210	10.0	70301.5	-4511.2	1300	10.1	71010.7	-4505.5	1390	10.4	71647.5	-4517.0
1121	10.0	65337.0	-4554.4	1211	9.5	70309.0	-4504.3	1301	9.2	71011.2	-4532.3	1391	10.0	71654.0	-4539.5
1122	9.6	65341.0	-4531.2	1212	10.0	70314.5	-4529.9	1302	9.8	71012.2	-4545.8	1392	8.9	71659.5	-4514.6
1123	10.0	65341.0	-4518.4	1213	8.8	70317.5	-4516.1	1303	9.8	71016.7	-4513.8	1393	9.3	71659.5	-4546.1
1124	10.0	65342.0	-4527.6	1214	9.0	70319.0	-4558.9	1304	10.2	71020.2	-4506.2	1394	9.8	71714.0	-4522.4
1125	10.0	65348.0	-4520.1	1215	9.4	70319.5	-4542.9	1305	10.2	71020.8	-4556.9	1395	9.8	71716.5	-4509.0

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1396	8.2	71738.0	-4516.0	1486	9.8	72340.3	-4540.9	1576	8.9	72941.8	-4540.7
1397	10.4	71739.0	-4507.9	1487	10.4	72342.3	-4509.9	1577	9.3	72943.3	-4551.4
1398	10.4	71739.0	-4552.0	1488	10.4	72344.3	-4543.2	1578	10.1	72948.8	-4557.2
1399	10.4	71740.0	-4546.0	1489	10.0	72346.3	-4536.3	1579	10.4	73005.8	-4526.9
1400	10.4	71742.0	-4507.0	1490	9.8	72347.3	-4537.7	1580	9.6	73006.3	-4541.9
1401	9.6	71744.0	-4519.9	1491	9.8	72351.8	-4541.0	1581	10.4	73010.3	-4525.8
1402	10.0	71745.0	-4525.6	1492	10.4	72358.3	-4544.1	1582	10.4	73018.3	-4516.0
1403	10.4	71746.6	-4501.0	1493	10.2	72359.3	-4527.1	1583	8.8	73019.3	-4537.2
1404	9.3	71752.4	-4500.8	1494	10.4	72401.3	-4517.4	1584	8.8	73019.8	-4543.2
1405	9.6	71753.5	-4521.4	1495	10.4	72403.8	-4559.1	1585	9.5	73021.3	-4554.2
1406	10.4	71759.5	-4536.9	1496	9.4	72406.5	-4501.9	1586	10.4	73030.8	-4512.1
1407	9.8	71802.0	-4526.7	1497	10.4	72410.8	-4510.1	1587	10.4	73031.8	-4516.1
1408	10.4	71805.0	-4522.1	1498	10.0	72413.8	-4523.1	1588	9.8	73032.0	-4501.2
1409	9.8	71805.0	-4540.6	1499	9.1	72416.8	-4506.0	1589	9.2	73039.3	-4541.1
1410	10.2	71813.5	-4544.7	1500	10.0	72416.8	-4550.9	1590	9.8	73053.3	-4508.2
1411	10.4	71815.5	-4539.2	1501	9.5	72423.3	-4505.0	1591	10.0	73053.3	-4558.9
1412	10.4	71819.0	-4547.0	1502	9.8	72423.8	-4548.2	1592	10.4	73055.3	-4525.2
1413	10.4	71821.0	-4531.1	1503	10.4	72423.8	-4502.7	1593	10.2	73057.3	-4543.2
1414	8.8	71822.0	-4539.2	1504	10.1	72425.3	-4507.1	1594	9.5	73100.3	-4544.2
1415	9.8	71822.5	-4540.4	1505	10.1	72429.8	-4515.1	1595	9.2	73108.3	-4527.6
1416	9.8	71827.5	-4501.6	1506	9.8	72435.8	-4507.8	1596	9.4	73114.3	-4506.6
1417	10.0	71827.5	-4507.0	1507	10.4	72438.8	-4505.3	1597	9.5	73122.3	-4550.3
1418	9.4	71828.5	-4521.3	1508	10.4	72439.8	-4527.5	1598	10.2	73125.8	-4540.6
1419	10.4	71839.0	-4528.8	1509	10.1	72443.3	-4515.9	1599	10.0	73129.3	-4508.1
1420	9.8	71840.0	-4512.2	1510	10.4	72443.3	-4501.1	1600	10.4	73130.8	-4530.3
1421	10.4	71840.0	-4558.1	1511	10.0	72443.8	-4504.3	1601	10.4	73131.3	-4539.9
1422	10.4	71841.0	-4537.0	1512	10.4	72451.8	-4549.0	1602	9.8	73134.8	-4514.5
1423	9.6	71843.0	-4551.5	1513	9.8	72451.8	-4546.2	1603	9.8	73136.3	-4515.0
1424	10.4	71845.5	-4527.7	1514	9.8	72500.3	-4516.5	1604	9.8	73138.8	-4542.0
1425	10.4	71851.0	-4532.7	1515	9.5	72507.2	-4502.4	1605	9.8	73145.8	-4523.0
1426	10.1	71859.0	-4522.4	1516	8.1	72512.3	-4554.5	1606	9.8	73152.8	-4548.1
1427	9.8	71859.9	-4502.0	1517	10.0	72519.8	-4559.8	1607	9.4	73155.8	-4525.1
1428	10.2	71906.0	-4500.2	1518	10.1	72524.3	-4538.2	1608	10.2	73200.8	-4507.3
1429	10.4	71910.5	-4554.7	1519	10.0	72537.8	-4555.2	1609	9.0	73201.8	-4514.2
1430	10.4	71912.0	-4540.5	1520	9.8	72552.8	-4532.4	1610	9.6	73202.3	-4542.7
1431	9.8	71916.6	-4501.0	1521	10.1	72554.5	-4500.8	1611	10.0	73210.8	-4554.7
1432	9.8	71919.0	-4542.0	1522	9.8	72555.8	-4505.2	1612	9.5	73211.8	-4506.1
1433	10.4	71922.5	-4559.9	1523	9.8	72607.3	-4531.2	1613	10.4	73217.3	-4511.7
1434	10.0	71933.0	-4532.0	1524	9.8	72610.8	-4534.8	1614	10.4	73218.3	-4512.0
1435	10.4	71933.5	-4506.4	1525	10.0	72611.8	-4532.7	1615	10.0	73220.3	-4516.5
1436	10.0	71936.0	-4539.9	1526	9.8	72614.3	-4542.0	1616	10.0	73225.8	-4503.2
1437	10.1	71940.0	-4510.5	1527	9.6	72617.8	-4553.5	1617	10.4	73227.8	-4512.6
1438	10.0	71942.0	-4528.6	1528	10.2	72639.8	-4551.2	1618	10.4	73234.3	-4512.5
1439	10.4	71945.0	-4524.0	1529	10.2	72640.8	-4519.0	1619	10.4	73240.3	-4501.1
1440	9.8	71948.5	-4554.0	1530	10.2	72640.8	-4521.0	1620	10.4	73250.8	-4510.1
1441	10.4	71959.0	-4515.4	1531	8.0	72643.3	-4524.4	1621	9.2	73253.3	-4526.8
1442	10.4	72000.0	-4534.3	1532	10.0	72647.8	-4509.0	1622	10.4	73254.8	-4505.4
1443	10.4	72005.0	-4510.4	1533	10.4	72649.3	-4533.8	1623	10.4	73258.3	-4555.7
1444	10.4	72006.0	-4545.5	1534	9.8	72654.3	-4515.1	1624	8.3	73301.3	-4509.1
1445	8.8	72017.0	-4501.4	1535	10.1	72658.3	-4541.2	1625	10.4	73301.3	-4522.0
1446	10.0	72030.0	-4503.2	1536	9.8	72703.8	-4507.0	1626	9.8	73303.3	-4511.6
1447	10.0	72042.0	-4527.7	1537	10.4	72705.8	-4503.4	1627	10.4	73305.8	-4504.1
1448	10.4	72043.5	-4542.2	1538	10.4	72708.3	-4518.8	1628	10.4	73306.8	-4556.1
1449	10.2	72052.0	-4521.1	1539	9.6	72708.3	-4532.3	1629	9.8	73311.3	-4500.6
1450	9.8	72054.0	-4516.3	1540	10.0	72710.3	-4535.8	1630	8.7	73315.8	-4518.0
1451	10.4	72057.0	-4520.6	1541	8.8	72710.8	-4537.8	1631	9.8	73318.3	-4556.3
1452	10.4	72101.5	-4516.0	1542	10.4	72715.3	-4539.5	1632	10.4	73321.3	-4517.2
1453	10.0	72102.0	-4518.9	1543	9.8	72719.8	-4556.0	1633	10.4	73321.3	-4503.6
1454	9.8	72112.0	-4511.3	1544	9.8	72723.8	-4517.4	1634	10.4	73321.8	-4511.0
1455	9.8	72114.5	-4522.7	1545	10.0	72728.8	-4512.0	1635	10.4	73325.8	-4540.1
1456	10.4	72115.0	-4504.0	1546	8.4	72730.8	-4555.2	1636	9.1	73328.8	-4508.6
1457	9.4	72117.5	-4526.9	1547	9.8	72737.9	-4559.1	1637	10.1	73329.8	-4538.8
1458	9.2	72126.5	-4506.0	1548	10.0	72738.3	-4544.2	1638	10.4	73340.3	-4531.0
1459	9.3	72130.5	-4515.1	1549	9.8	72745.8	-4542.0	1639	9.8	73348.3	-4554.9
1460	9.0	72137.0	-4526.7	1550	10.4	72749.3	-4527.2	1640	10.4	73358.3	-4516.9
1461	9.4	72140.0	-4510.4	1551	9.4	72757.8	-4510.1	1641	10.4	73358.3	-4530.2
1462	9.5	72145.0	-4536.9	1552	9.5	72800.3	-4538.6	1642	9.5	73400.3	-4539.6
1463	10.4	72150.0	-4532.0	1553	10.4	72801.8	-4545.0	1643	9.6	73405.8	-4526.7
1464	9.6	72155.3	-4501.5	1554	9.4	72817.7	-4502.0	1644	10.0	73406.3	-4532.1
1465	10.0	72202.0	-4539.4	1555	9.8	72818.3	-4557.5	1645	10.0	73410.8	-4545.1
1466	9.8	72212.0	-4543.7	1556	9.6	72823.3	-4508.8	1646	10.0	73421.8	-4555.0
1467	10.4	72212.5	-4510.7	1557	9.6	72827.3	-4520.6	1647	10.1	73430.3	-4549.2
1468	9.4	72214.5	-4552.7	1558	10.0	72829.8	-4504.3	1648	10.0	73432.3	-4545.6
1469	8.4	72218.0	-4545.8	1559	9.3	72830.3	-4550.9	1649	9.8	73434.8	-4555.4
1470	10.4	72220.0	-4538.0	1560	9.8	72832.3	-4533.0	1650	8.1	73435.3	-4515.7
1471	9.8	72222.0	-4522.2	1561	10.2	72836.3	-4550.2	1651	10.0	73435.8	-4519.0
1472	9.8	72222.3	-4555.0	1562	9.8	72840.0	-4500.0	1652	10.0	73436.3	-4552.5
1473	10.0	72222.8	-4549.4	1563	10.0	72851.8	-4538.4	1653	10.0	73438.8	-4545.0
1474	9.8	72225.8	-4528.7	1564	10.4	72854.3	-4525.4	1654	10.4	73442.3	-4539.5
1475	10.4	72240.8	-4503.0	1565	9.8	72856.8	-4534.6	1655	10.4	73450.3	-4509.4
1476	9.8	72253.8	-4545.5	1566	9.8	72902.8	-4504.2	1656	10.2	73456.8	-4505.4
1477	10.0	72302.3	-4512.8	1567	10.0	72905.3	-4557.3	1657	10.4	73457.3	-4526.1
1478	8.3	72311.3	-4527.7	1568	9.8	72913.3	-4548.0	1658	10.0	73501.8	-4549.6
1479	10.4	72318.8	-4555.0	1569	10.4	72915.3	-4546.5	1659	9.1	73502.8	-4519.4
1480	9.6	72321.8	-4528.3	1570	9.8	72915.8	-4516.6	1660	10.0	73504.3	-4517.9
1481	9.8	72325.8	-4516.2	1571	10.0	72925.7	-4559.8	1661	10.0	73504.8	-4522.8
1482	10.1	72326.3	-4544.4	1572	10.4	72928.3	-4507.8	1662	9.8	73509.3	-4523.1
1483	10.4	72330.8	-4527.9	1573	9.8	72938.8	-4545.8	1663	10.0	73510.8	-4531.1
1484	9.4	72333.3	-4528.3	1574	9.8	72940.3	-4516.4	1664	10.0	73511.3	-4500.0
1485	9.8	72333.3	-4535.0	1575	10.0	72941.8	-4541.2	1665	10.2	73513.3	-4512.3

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1666	10.4	73515.3	-4532.2								
1667	9.4	73518.3	-4521.7								
1668	9.5	73521.8	-4552.9								
1669	8.8	73528.3	-4500.8								
1670	10.4	73535.8	-4520.9								
1671	9.8	73539.3	-4505.5								
1672	10.1	73540.3	-4510.9								
1673	10.0	73540.3	-4507.1								
1674	9.8	73549.8	-4530.8								
1675	10.4	73551.8	-4531.9								
1676	10.4	73553.8	-4540.8								
1677	9.7	73559.3	-4522.5								
1678	10.2	73600.3	-4520.5								
1679	9.8	73606.8	-4507.6								
1680	8.3	73607.3	-4540.8								
1681	9.6	73610.8	-4526.5								
1682	10.4	73613.0	-4514.1								
1683	10.4	73617.8	-4557.9								
1684	9.6	73618.3	-4501.8								
1685	8.2	73619.3	-4503.7								
1686	10.4	73621.8	-4519.2								
1687	9.8	73621.8	-4558.9								
1688	10.4	73637.8	-4554.9								
1689	10.4	73645.3	-4517.5								
1690	9.8	73645.8	-4538.1								
1691	10.0	73647.3	-4515.9								
1692	8.2	73649.3	-4527.9								
1693	9.8	73649.3	-4502.0								
1694	10.2	73649.8	-4532.7								
1695	10.0	73651.4	-4559.8								
1696	10.4	73702.3	-4546.3								
1697	9.8	73713.3	-4517.3								
1698	10.4	73713.8	-4518.0								
1699	10.4	73721.3	-4540.9								
1700	10.0	73721.8	-4513.7								
1701	10.4	73724.8	-4534.3								
1702	10.0	73727.5	-4524.2								
1703	9.8	73729.5	-4505.3								
1704	10.1	73742.0	-4527.7								
1705	10.4	73745.5	-4528.8								
1706	10.4	73746.5	-4534.4								
1707	9.1	73748.8	-4501.6								
1708	9.6	73749.2	-4559.5								
1709	10.4	73752.5	-4516.4								
1710	10.4	73755.5	-4554.4								
1711	9.7	73756.5	-4521.6								
1712	9.4	73806.0	-4545.8								
1713	10.4	73809.3	-4505.6								
1714	10.4	73821.8	-4512.9								
1715	10.4	73823.2	-4517.5								
1716	10.4	73827.8	-4536.4								
1717	10.1	73837.3	-4539.8								
1718	8.1	73841.3	-4523.2								
1719	10.4	73921.3	-4558.5								
1720	10.4	73923.3	-4550.9								
1721	10.2	73924.8	-4515.3								
1722	10.4	73929.9	-4547.1								
1723	9.6	73930.8	-4533.0								
1724	10.4	73931.8	-4538.9								
1725	10.4	73937.3	-4519.6								
1726	10.4	73940.8	-4547.4								
1727	8.5	73944.8	-4533.9								
1728	10.4	73953.3	-4532.7								
1729	8.4	73954.3	-4554.5								
1730	10.4	74000.8	-4509.3								
1731	10.4	74004.3	-4543.9								
1732	10.0	74007.3	-4555.2								
1733	8.6	74011.3	-4524.8								
1734	9.9	74011.8	-4553.6								
1735	9.9	74024.3	-4506.0								
1736	10.0	74027.3	-4525.8								
1737	10.2	74032.8	-4516.9								
1738	9.9	74039.3	-4534.7								
1739	10.2	74039.3	-4512.0								
1740	10.4	74042.8	-4506.2								
1741	9.6	74049.3	-4553.4								
1742	9.1	74056.8	-4545.1								
1743	8.4	74057.8	-4540.1								
1744	10.4	74059.3	-4525.5								
1745	9.7	74059.3	-4540.9								
1746	9.7	74059.3	-4556.1								
1747	10.4	74107.3	-4515.4								
1748	9.3	74108.8	-4532.5								
1749	9.8	74112.6	-4511.9								
1750	9.7	74114.1	-4538.9								
1751	9.0	74143.5	-4529.8								
1752	9.4	74158.6	-4507.1								
1753	10.4	74217.1	-4556.9								
1754	10.4	74224.6	-4513.5								
1755	7.7	74231.1	-4551.2								

-45 1756 7h42m

-45 2115 8h02m

1756	10.4	74237.6	-4559.1	1846	10.0	74933.0	-4506.2	1936	10.4	75424.3	-4544.3
1757	10.4	74238.1	-4544.7	1847	10.2	74941.0	-4515.9	1937	9.8	75432.3	-4559.0
1758	9.4	74240.1	-4509.1	1848	10.0	74947.3	-4502.6	1938	10.1	75435.3	-4532.7
1759	10.0	74240.1	-4549.3	1849	10.2	74951.0	-4513.2	1939	10.4	75436.3	-4529.1
1760	10.4	74250.1	-4536.2	1850	10.4	74955.0	-4530.1	1940	10.4	75438.3	-4530.7
1761	9.1	74255.1	-4544.6	1851	8.4	74957.0	-4538.0	1941	9.9	75441.3	-4546.6
1762	10.4	74309.1	-4553.5	1852	9.1	75000.9	-4502.6	1942	9.9	75441.8	-4519.5
1763	10.2	74311.1	-4557.1	1853	10.2	75004.4	-4556.2	1943	9.1	75442.8	-4528.8
1764	10.4	74319.1	-4515.9	1854	10.4	75004.4	-4520.4	1944	9.8	75446.5	-4558.0
1765	10.4	74322.6	-4522.2	1855	9.9	75004.9	-4553.2	1945	9.6	75446.8	-4542.6
1766	10.4	74327.6	-4533.1	1856	8.5	75004.9	-4518.9	1946	10.0	75448.8	-4537.0
1767	9.3	74332.6	-4529.2	1857	10.0	75013.4	-4514.6	1947	9.6	75449.8	-4542.1
1768	10.0	74334.6	-4504.9	1858	9.3	75021.9	-4540.6	1948	10.4	75453.3	-4507.7
1769	10.1	74340.6	-4523.3	1859	10.4	75025.9	-4531.0	1949	10.2	75453.8	-4513.7
1770	10.4	74351.5	-4548.4	1860	10.1	75029.1	-4551.2	1950	9.4	75458.8	-4532.7
1771	9.8	74354.0	-4503.7	1861	10.4	75038.9	-4528.1	1951	9.4	75459.8	-4508.3
1772	10.2	74355.0	-4526.9	1862	10.4	75043.4	-4559.1	1952	10.4	75505.8	-4521.8
1773	10.4	74401.5	-4519.8	1863	10.0	75049.4	-4554.0	1953	10.4	75506.8	-4546.2
1774	9.7	74405.5	-4516.0	1864	10.1	75053.6	-4557.2	1954	9.3	75510.3	-4502.2
1775	9.1	74411.0	-4540.9	1865	9.8	75055.9	-4504.4	1955	10.2	75516.8	-4508.1
1776	10.0	74418.5	-4555.9	1866	7.5	75055.9	-4520.0	1956	10.0	75522.3	-4505.4
1777	9.7	74419.0	-4554.9	1867	10.0	75100.9	-4552.0	1957	9.7	75525.8	-4513.6
1778	9.9	74425.7	-4500.7	1868	10.4	75110.9	-4556.3	1958	9.8	75527.8	-4549.0
1779	9.0	74430.5	-4547.3	1869	10.0	75117.4	-4508.4	1959	9.7	75530.5	-4559.9
1780	10.4	74432.5	-4539.4	1870	10.4	75118.9	-4522.3	1960	9.6	75531.3	-4508.6
1781	9.8	74439.5	-4524.2	1871	10.4	75121.9	-4557.2	1961	9.7	75535.8	-4529.9
1782	8.2	74442.5	-4509.1	1872	10.2	75128.9	-4527.2	1962	10.0	75540.3	-4526.0
1783	10.4	74445.0	-4502.1	1873	10.2	75130.4	-4542.0	1963	9.7	75540.8	-4550.6
1784	9.8	74451.0	-4517.9	1874	9.6	75140.9	-4520.8	1964	10.4	75541.8	-4522.0
1785	9.4	74453.0	-4545.0	1875	10.0	75142.3	-4505.2	1965	10.4	75542.3	-4532.0
1786	10.4	74455.0	-4506.9	1876	10.4	75142.4	-4539.2	1966	10.2	75542.3	-4533.8
1787	9.9	74459.0	-4553.9	1877	10.4	75147.3	-4503.2	1967	10.0	75544.8	-4521.1
1788	10.4	74500.0	-4547.7	1878	10.0	75157.3	-4511.0	1968	10.4	75547.3	-4536.1
1789	10.0	74524.0	-4552.7	1879	7.5	75157.8	-4538.8	1969	9.7	75547.3	-4549.9
1790	10.4	74528.0	-4547.0	1880	10.2	75204.3	-4538.6	1970	10.1	75554.3	-4516.3
1791	10.2	74534.0	-4525.3	1881	10.0	75207.5	-4557.9	1971	10.4	75555.8	-4524.6
1792	10.1	74551.2	-4557.0	1882	10.4	75210.8	-4501.6	1972	8.5	75600.8	-4549.4
1793	9.8	74603.0	-4532.1	1883	10.4	75214.3	-4509.8	1973	10.2	75603.3	-4539.0
1794	10.1	74604.5	-4514.7	1884	10.0	75217.3	-4530.6	1974	9.3	75605.8	-4535.6
1795	9.9	74605.0	-4516.4	1885	10.4	75221.3	-4507.1	1975	10.2	75610.3	-4533.6
1796	10.4	74611.5	-4523.6	1886	10.1	75222.3	-4527.8	1976	9.9	75611.3	-4511.5
1797	10.0	74611.5	-4521.1	1887	9.9	75225.3	-4533.8	1977	10.0	75615.8	-4519.6
1798	9.8	74617.0	-4506.4	1888	9.7	75228.3	-4510.2	1978	10.1	75615.8	-4535.8
1799	9.8	74629.0	-4544.9	1889	10.1	75231.3	-4518.7	1979	10.4	75616.1	-4532.0
1800	9.8	74629.0	-4522.9	1890	9.7	75232.3	-4555.1	1980	10.4	75616.3	-4551.0
1801	10.2	74629.0	-4553.8	1891	10.4	75236.8	-4505.0	1981	10.4	75619.3	-4523.0
1802	9.7	74632.5	-4505.0	1892	10.2	75239.8	-4547.8	1982	8.2	75620.3	-4527.1
1803	10.2	74634.5	-4550.5	1893	10.2	75240.8	-4547.2	1983	8.0	75621.8	-4506.8
1804	10.4	74642.0	-4552.2	1894	9.8	75243.3	-4516.7	1984	10.2	75622.3	-4552.3
1805	10.1	74655.5	-4508.9	1895	9.8	75244.3	-4501.8	1985	10.4	75623.3	-4551.3
1806	9.6	74700.5	-4517.7	1896	10.0	75248.8	-4531.4	1986	10.4	75627.3	-4517.0
1807	10.4	74703.0	-4501.0	1897	8.3	75255.8	-4542.8	1987	10.2	75630.3	-4548.9
1808	9.4	74714.5	-4549.1	1898	10.1	75259.8	-4544.6	1988	10.4	75636.8	-4517.6
1809	9.4	74721.5	-4523.1	1899	9.8	75308.8	-4501.6	1989	10.0	75637.8	-4529.8
1810	10.4	74722.4	-4502.1	1900	10.2	75309.8	-4529.2	1990	10.0	75638.8	-4548.5
1811	10.2	74727.5	-4517.2	1901	10.2	75310.3	-4552.2	1991	10.4	75641.8	-4556.0
1812	10.4	74734.0	-4512.0	1902	10.4	75310.8	-4506.0	1992	10.4	75644.8	-4514.4
1813	10.1	74740.5	-4530.6	1903	10.2	75312.3	-4519.8	1993	8.9	75648.3	-4527.8
1814	10.0	74741.5	-4524.9	1904	8.8	75314.8	-4514.0	1994	10.4	75650.8	-4510.0
1815	9.3	74748.0	-4505.1	1905	9.9	75320.3	-4532.2	1995	10.4	75655.8	-4540.3
1816	10.4	74755.0	-4507.1	1906	10.4	75323.3	-4556.2	1996	10.4	75658.8	-4540.6
1817	10.4	74755.5	-4525.7	1907	10.4	75323.8	-4509.6	1997	10.4	75658.8	-4555.2
1818	9.2	74757.0	-4538.9	1908	10.4	75324.8	-4555.3	1998	10.4	75704.8	-4552.0
1819	10.2	74758.0	-4547.7	1909	10.4	75331.3	-4535.6	1999	9.8	75705.3	-4522.9
1820	10.4	74811.0	-4555.2	1910	9.6	75334.3	-4511.0	2000	9.7	75706.8	-4548.7
1821	10.4	74812.5	-4515.5	1911	9.6	75336.8	-4530.0	2001	10.2	75712.3	-4516.1
1822	9.8	74816.5	-4529.7	1912	7.2	75336.8	-4559.5	2002	10.1	75716.8	-4546.6
1823	10.4	74817.0	-4557.0	1913	9.4	75337.8	-4540.1	2003	10.4	75717.3	-4531.5
1824	9.0	74821.5	-4524.8	1914	9.6	75338.8	-4523.9	2004	10.1	75720.8	-4511.8
1825	10.4	74822.5	-4506.0	1915	9.8	75340.1	-4556.5	2005	10.4	75726.8	-4505.8
1826	9.3	74823.5	-4511.2	1916	9.0	75351.8	-4540.7	2006	8.7	75730.8	-4525.3
1827	10.4	74826.6	-4500.3	1917	10.4	75352.8	-4514.0	2007	9.3	75733.8	-4513.1
1828	10.4	74828.5	-4554.8	1918	8.8	75355.0	-4558.5	2008	9.2	75734.3	-4516.0
1829	10.4	74843.5	-4512.7	1919	7.4	75355.8	-4514.4	2009	9.8	75736.3	-4525.0
1830	9.4	74854.5	-4539.8	1920	10.1	75357.3	-4506.4	2010	10.4	75737.3	-4533.0
1831	9.6	74901.0	-4527.0	1921	9.9	75405.8	-4548.1	2011	10.4	75743.3	-4534.1
1832	9.7	74902.7	-4500.9	1922	9.1	75407.8	-4546.0	2012	10.1	75744.8	-4520.0
1833	10.4	74906.5	-4541.4	1923	10.4	75408.8	-4536.1	2013	10.2	75746.3	-4544.1
1834	10.4	74907.2	-4527.3	1924	10.4	75409.8	-4534.2	2014	8.4	75749.3	-4529.7
1835	9.1	74909.0	-4537.6	1925	10.4	75410.8	-4527.6	2015	9.9	75750.8	-4534.5
1836	10.0	74909.0	-4546.6	1926	10.4	75411.3	-4532.9	2016	10.0	75752.8	-4546.6
1837	10.0	74910.0	-4548.0	1927	9.1	75412.3	-4525.6	2017	9.9	75753.3	-4549.6
1838	10.4	74913.5	-4503.3	1928	10.4	75414.8	-4539.0	2018	10.4	75757.5	-4502.8
1839	10.4	74921.0	-4502.4	1929	9.2	75415.3	-4514.9	2019	10.0	75801.3	-4530.0
1840	10.2	74921.5	-4504.4	1930	10.4	75415.8	-4542.1	2020	10.4	75807.3	-4531.5
1841	10.2	74925.7	-4502.6	1931	10.4	75418.8	-4541.3	2021	7.9	75809.8	-4511.4
1842	9.8	74926.0	-4555.0	1932	10.4	75419.8	-4535.7	2022	10.0	75811.0	-4500.0
1843	10.4	74927.0	-4526.1	1933	10.0	75421.3	-4525.1	2023	10.4	75812.1	-4557.2
1844	10.2	74927.0	-4541.8	1934	10.2	75421.8	-4501.2	2024	10.2	75822.3	-4535.9
1845	10.4	74932.0	-4514.3	1935	9.4	75422.3	-4520.5	2025	10.0	75826.3	-4517.1
2026	10.2	75831.8	-4506.1								
2027	8.0	75834.6	-4559.7								
2028	9.8	75836.3	-4519.1								
2029	8.7	75837.3	-4512.1								
2030	10.4	75837.8	-4539.5								
2031	10.0	75839.3	-4552.8								
2032	10.2	75852.3	-4522.7								
2033	9.8	75854.8	-4509.0								
2034	10.4	75902.3	-4549.3								
2035	10.4	75903.3	-4536.1								
2036	9.8	75904.3	-4532.1								
2037	10.4	75910.8	-4550.7								
2038	10.4	75918.8	-4549.9								
2039	8.2	75919.8	-4556.0								
2040	10.4	75923.3	-4519.0								
2041	10.4	75930.3	-4547.9								
2042	9.3	75932.1	-4557.4								
2043	10.4	75932.3	-4548.7								
2044	10.2	75937.1	-4558.9								
2045	9.7	75942.3	-4512.3								
2046	10.0	75946.1	-4544.1								
2047	10.4	75948.8	-4526.4								
2048	10.4	75952.8	-4525.1								
2049	9.9	75953.8	-4556.1								
2050	10.4	75954.3	-4523.7								
2051	10.4	75959.3	-4525.5								
2052	9.8	80004.8	-4510.9								
2053	9.7	80008.8	-4507.1								
2054	10.4	80017.8	-4537.0								
2055	10.4	80029.8	-4558.5								
2056	9.9	80030.3	-4551.3								
2057	10.4	80030.3	-4559.6								
2058	10.2	80030.8	-4513.2								
2059	9.9	80030.8	-4500.1								
2060	10.4	80037.5	-4559.1								
2061	9.7	80038.3	-4543.7								
2062	8.6	80038.8	-4547.8								
2063	10.4	80038.8	-4513.9								
2064	10.4	80043.3	-4555.5								
2065	9.7	80048.7	-4510.0								
2066	10.4	80049.2	-4538.3								
2067	10.0	80049.7	-4511.4								
2068	8.6	80051.7	-4530.1								
2069	9.9	80052.3	-4535.6								
2070	10.1	80053.2	-4530.4								
2071	10.0	80056.3	-4557.0								
2072	9.4	80058.7	-4516.1								
2073	10.0	80100.7	-4553.2								
2074	9.6	80102.3	-4513.7								
2075	9.7	80103.7	-4511.3								
2076	9.8	80105.7	-4501.8								
2077	8.3	80111.2	-4503.6								
2078	8.5	80112.2	-4503.1								
2079	9.3	80112.2	-4527.6								
2080	9.9	80113.2	-4550.7								
2081	10.4	80122.7	-4535.4								
2082	10.2	80123.2	-4551.3								
2083	10.2	80123.7	-4545.5								
2084	9.8	80126.7	-4555.6								
2085	10.2	80134.2	-4551.4								
2086	10.4	80137.7	-4551.4								
2087	9.7	80138.7	-4519.6								
2088	10.2	80139.2	-4539.4								
2089	9.6	80139.7	-4544.2								
2090	10.4	80145.7	-4501.7								
2091	10.4	80147.7	-4533.5								
2092	10.4	80147.7	-4529.0								
2093	9.4	80149.2	-4521.4								
2094	9.9	80150.7	-4541.0								
2095	7.8	80151.7	-4538.1								
2096	9.7	80152.2	-4552.9								
2097	10.0	80152.2	-4512.6								
2098	10.0	80154.2	-4528.5								
2099	10.2	80156.2	-4546.9								
2100	8.9	80156.2	-4514.8								
2101	10.4	80158.7	-4518.5								
2102	10.4	80204.6	-4513.9								
2103	8.4	80207.6	-4502.2								
2104	10.2	80211.1	-4517.1								
2105	9.7	80215.1	-4543.9								
2106	10.0	80218.6	-4557.4								
2107	9.8	80218.6	-4529.3								
2108	10.4	80218.6	-4530.7								
2109	9.8	80219.1	-4536.7								
2110	10.0	80221.6	-4548.3								
2111	10.1	80224.6	-4535.5								
2112	10.4	80227.1	-4528.7								
2113	9.7	80227.6	-4514.9								
2114	10.4	80228.6	-4542.9								
2115	10.4	80229.1	-4550.1								

-45 2116 8h02m

2116 9.8 80236.1 -4504.7	2206 10.2 80640.9 -4554.5	2296 8.9 81102.8 -4550.1	2386 9.8 81542.2 -4548.1
2117 10.0 80239.1 -4527.9	2207 9.4 80648.4 -4533.8	2297 10.2 81102.8 -4502.7	2387 9.8 81543.1 -4558.9
2118 9.7 80242.1 -4531.9	2208 10.2 80649.9 -4548.0	2298 9.4 81104.8 -4546.8	2388 10.0 81548.2 -4551.7
2119 10.4 80248.6 -4558.9	2209 9.8 80650.9 -4517.7	2299 9.2 81105.8 -4509.2	2389 9.1 81549.7 -4556.7
2120 7.7 80250.6 -4528.3	2210 9.3 80650.9 -4509.1	2300 10.2 81107.3 -4542.5	2390 9.7 81551.7 -4545.7
2121 9.8 80254.6 -4525.4	2211 9.9 80653.4 -4505.3	2301 10.0 81109.3 -4539.0	2391 10.0 81553.2 -4517.1
2122 10.0 80259.6 -4535.8	2212 9.9 80654.9 -4506.9	2302 10.2 81113.8 -4510.6	2392 8.8 81607.2 -4552.7
2123 9.0 80259.6 -4531.6	2213 9.8 80658.4 -4538.7	2303 8.6 81115.8 -4548.2	2393 9.8 81608.7 -4500.3
2124 10.4 80305.6 -4531.9	2214 8.3 80659.9 -4528.7	2304 10.2 81115.8 -4503.2	2394 10.2 81609.7 -4559.7
2125 9.9 80305.6 -4541.3	2215 10.2 80704.4 -4549.0	2305 9.8 81117.4 -4558.7	2395 10.2 81616.7 -4549.4
2126 10.0 80305.6 -4539.0	2216 9.0 80706.4 -4528.8	2306 10.0 81120.8 -4547.0	2396 10.2 81627.2 -4505.9
2127 9.9 80307.1 -4533.1	2217 10.2 80706.5 -4529.9	2307 9.8 81125.3 -4504.6	2397 9.6 81630.7 -4514.6
2128 10.4 80309.6 -4559.6	2218 9.8 80708.9 -4549.5	2308 10.2 81127.3 -4527.1	2398 9.2 81630.7 -4513.3
2129 10.2 80310.6 -4533.2	2219 8.8 80712.4 -4541.3	2309 9.6 81128.8 -4552.2	2399 10.2 81632.2 -4529.9
2130 9.7 80310.6 -4505.5	2220 8.8 80713.9 -4555.6	2310 8.8 81130.3 -4537.3	2400 9.6 81634.7 -4548.0
2131 10.4 80318.6 -4542.9	2221 9.6 80714.4 -4518.8	2311 9.8 81136.3 -4548.7	2401 9.8 81635.2 -4528.8
2132 10.1 80322.1 -4547.5	2222 10.0 80714.4 -4512.7	2312 10.2 81137.3 -4536.4	2402 9.8 81636.7 -4536.9
2133 10.2 80323.6 -4516.4	2223 9.8 80717.4 -4504.1	2313 9.8 81147.3 -4558.9	2403 9.3 81636.7 -4523.1
2134 10.1 80328.6 -4519.7	2224 9.7 80717.4 -4527.0	2314 9.8 81152.3 -4531.8	2404 9.8 81654.7 -4524.7
2135 9.8 80330.1 -4518.1	2225 8.2 80719.9 -4526.7	2315 7.7 81153.8 -4555.8	2405 9.8 81655.7 -4539.4
2136 9.9 80330.1 -4525.4	2226 9.3 80720.4 -4545.0	2316 10.2 81154.8 -4549.8	2406 10.0 81658.7 -4544.0
2137 10.1 80338.6 -4547.1	2227 9.2 80721.0 -4558.7	2317 9.5 81201.3 -4547.9	2407 10.0 81658.9 -4558.6
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-45 2475 8h20m

2476	9.1	82012.7	-4532.5	2566	9.6	82457.3	-4505.8	2656	10.2	83004.5	-4527.7
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2478	8.7	82016.7	-4529.3	2568	9.8	82501.3	-4522.2	2658	10.0	83005.0	-4530.0
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2480	9.8	82018.7	-4503.0	2570	9.2	82522.8	-4508.1	2660	10.0	83006.5	-4525.6
2481	9.8	82021.2	-4501.0	2571	10.2	82528.3	-4530.1	2661	9.6	83008.5	-4518.9
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2486	9.5	82038.7	-4535.0	2576	6.6	82541.3	-4554.9	2666	9.2	83028.5	-4517.1
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2488	9.9	82048.1	-4502.7	2578	8.8	82549.3	-4523.6	2668	9.8	83033.5	-4539.9
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2490	9.4	82050.6	-4510.6	2580	9.2	82552.3	-4538.7	2670	9.7	83037.5	-4559.8
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2493	9.9	82104.6	-4543.8	2583	10.0	82604.3	-4548.4	2673	10.2	83052.0	-4516.5
2494	10.2	82108.6	-4540.3	2584	9.6	82604.8	-4551.6	2674	9.6	83052.0	-4543.1
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2501	9.8	82128.1	-4516.6	2591	10.2	82643.4	-4557.8	2681	8.9	83110.0	-4547.9
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2525	9.7	82234.9	-4503.1	2615	10.0	82753.1	-4519.6	2705	10.0	83223.0	-4542.1
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3060 10.2	84320.8 -4552.6	3150 10.0	84626.1 -4502.1
3061 10.2	84321.8 -4520.4	3151 10.0	84626.8 -4540.5
3062 9.6	84329.3 -4558.6	3152 9.8	84628.7 -4534.9
3063 10.0	84333.3 -4502.2	3153 10.2	84629.7 -4555.9
3064 10.0	84336.3 -4553.1	3154 10.2	84629.7 -4538.5
3065 9.8	84337.9 -4558.2	3155 9.6	84629.7 -4515.7
3066 9.3	84338.3 -4528.2	3156 10.1	84630.7 -4503.7
3067 9.3	84338.8 -4508.5	3157 9.8	84631.7 -4535.6
3068 10.2	84338.8 -4554.1	3158 9.0	84632.7 -4538.4
3069 9.8	84338.8 -4527.6	3159 10.2	84633.2 -4515.0
3070 9.4	84339.3 -4525.8	3160 9.4	84633.2 -4554.3
3071 9.8	84339.3 -4503.7	3161 8.9	84633.2 -4550.5
3072 9.8	84346.8 -4549.2	3162 10.0	84635.7 -4506.6
3073 10.2	84351.3 -4516.0	3163 9.8	84640.7 -4534.1
3074 9.8	84356.8 -4520.7	3164 9.8	84641.7 -4514.4
3075 10.2	84356.8 -4545.3	3165 10.0	84642.2 -4514.1
3076 10.0	84359.8 -4528.4	3166 10.1	84644.2 -4523.0
3077 9.8	84402.3 -4527.6	3167 9.8	84644.7 -4553.3
3078 10.2	84407.8 -4546.1	3168 10.2	84644.7 -4513.2
3079 10.2	84408.8 -4554.6	3169 10.0	84649.7 -4551.6
3080 10.1	84409.8 -4548.2	3170 9.4	84651.2 -4508.3
3081 9.4	84411.3 -4528.6	3171 10.0	84654.7 -4508.2
3082 9.1	84412.8 -4506.6	3172 10.0	84657.2 -4528.6
3083 10.2	84414.8 -4550.5	3173 10.2	84657.2 -4524.6
3084 10.2	84415.3 -4559.1	3174 8.8	84657.7 -4512.5
3085 9.2	84417.3 -4530.6	3175 9.8	84700.7 -4549.3
3086 9.1	84428.3 -4533.5	3176 10.2	84701.7 -4547.4
3087 9.8	84433.3 -4527.2	3177 10.2	84703.7 -4547.1
3088 9.6	84434.3 -4531.7	3178 10.2	84706.7 -4506.2
3089 9.6	84434.4 -4556.9	3179 10.0	84707.2 -451 .8
3090 10.2	84438.8 -4541.2	3180 8.2	84707.7 -450 .3
3091 9.6	84439.8 -4544.4	3181 10.0	84708.7 -4528.9
3092 10.2	84440.8 -4500.4	3182 10.2	84715.8 -4543.9
3093 9.8	84442.3 -4522.2	3183 9.2	84717.2 -4511.2
3094 10.2	84446.8 -4555.4	3184 9.5	84718.7 -4541.7
3095 9.2	84449.8 -4509.9	3185 9.8	84718.7 -4532.6
3096 8.6	84449.8 -4510.4	3186 9.8	84719.7 -4530.9
3097 10.2	84449.8 -4531.4	3187 10.1	84724.7 -4524.7
3098 10.2	84451.3 -4547.4	3188 9.2	84725.2 -4528.8
3099 10.2	84451.3 -4548.0	3189 9.8	84726.2 -4542.8
3100 9.0	84458.8 -4543.9	3190 10.2	84728.7 -4554.2
3101 9.8	84501.8 -4511.4	3191 10.2	84734.7 -4524.4
3102 10.0	84503.2 -4521.2	3192 10.2	84736.2 -4553.4
3103 10.1	84504.8 -4507.4	3193 8.0	84746.7 -4549.1
3104 10.0	84505.8 -4542.0	3194 10.2	84747.2 -4555.2
3105 9.0	84506.3 -4540.7	3195 10.1	84750.7 -4530.7

-45 3195 8h47m

-45 3196 8h47m

-45 3555 9h10m

3196	10.2	84754.2	-4517.4	3286	10.0	85333.6	-4544.2	3376	9.6	85904.1	-4530.1	3466	10.2	90421.9	-4543.7
3197	10.2	84755.7	-4557.2	3287	9.8	85336.3	-4503.0	3377	9.6	85904.6	-4506.9	3467	10.2	90424.9	-4517.9
3198	10.2	84758.7	-4546.6	3288	9.8	85336.6	-4546.1	3378	10.2	85907.1	-4508.6	3468	10.0	90425.9	-4555.7
3199	10.2	84800.6	-4506.8	3289	10.2	85339.6	-4540.7	3379	9.6	85910.6	-4543.7	3469	10.6	90428.4	-4519.0
3200	10.2	84804.7	-4514.9	3290	10.1	85340.6	-4510.0	3380	10.0	85916.6	-4534.9	3470	10.0	90432.9	-4547.7
3201	9.8	84805.7	-4519.1	3291	9.8	85346.1	-4508.4	3381	10.2	85919.8	-4537.2	3471	10.6	90434.9	-4546.5
3202	10.2	84808.6	-4547.6	3292	10.0	85348.6	-4507.3	3382	9.6	85920.1	-4507.4	3472	10.0	90441.9	-4500.2
3203	9.8	84808.7	-4535.7	3293	9.1	85350.1	-4505.0	3383	10.1	85922.1	-4547.7	3473	10.1	90458.4	-4531.6
3204	10.0	84810.2	-4508.7	3294	8.8	85357.1	-4542.9	3384	10.0	85922.6	-4508.9	3474	10.6	90458.8	-4510.1
3205	9.6	84810.2	-4526.1	3295	9.8	85403.6	-4519.8	3385	8.8	85923.6	-4531.9	3475	10.2	90501.9	-4521.9
3206	10.1	84813.7	-4521.5	3296	10.2	85405.1	-4519.0	3386	10.2	85924.1	-4551.1	3476	8.0	90506.2	-4501.1
3207	10.2	84813.7	-4523.2	3297	9.0	85406.6	-4536.6	3387	10.2	85924.6	-4506.2	3477	10.6	90509.9	-4558.6
3208	10.0	84815.2	-4555.3	3298	10.2	85419.1	-4516.3	3388	10.2	85930.1	-4525.2	3478	10.5	90517.9	-4547.3
3209	10.0	84819.7	-4546.4	3299	10.2	85428.1	-4519.7	3389	9.8	85932.5	-4540.9	3479	10.6	90520.9	-4505.8
3210	9.8	84828.7	-4554.5	3300	9.6	85434.6	-4505.4	3390	10.2	85938.3	-4544.5	3480	10.6	90529.9	-4514.4
3211	10.2	84829.2	-4537.3	3301	10.1	85445.1	-4542.0	3391	9.4	85940.6	-4530.5	3481	10.0	90534.4	-4526.9
3212	10.1	84830.7	-4542.1	3302	9.8	85449.6	-4524.2	3392	10.2	85941.6	-4507.9	3482	8.6	90541.9	-4552.7
3213	10.2	84837.2	-4521.7	3303	10.2	85455.1	-4537.0	3393	9.8	85941.6	-4510.9	3483	10.5	90543.9	-4542.6
3214	10.2	84846.7	-4549.1	3304	10.0	85504.6	-4528.6	3394	9.8	85944.6	-4504.9	3484	10.2	90546.4	-4516.0
3215	9.8	84852.7	-4511.8	3305	10.2	85508.1	-4536.2	3395	9.8	85947.0	-4501.1	3485	10.6	90548.9	-4540.9
3216	10.2	84853.7	-4518.8	3306	10.2	85510.6	-4535.8	3396	10.2	85947.1	-4531.3	3486	10.2	90550.4	-4555.5
3217	10.2	84855.6	-4540.9	3307	9.6	85512.6	-4515.7	3397	9.8	85953.1	-4504.9	3487	9.1	90557.4	-4523.0
3218	8.9	84903.7	-4533.7	3308	10.2	85516.6	-4538.5	3398	9.6	85956.6	-4549.1	3488	10.5	90557.9	-4538.1
3219	9.6	84905.2	-4518.5	3309	9.8	85524.6	-4505.6	3399	10.2	90001.1	-4501.9	3489	9.6	90610.4	-4550.7
3220	10.2	84914.6	-4527.2	3310	10.2	85527.1	-4520.1	3400	10.1	90001.6	-4529.5	3490	10.5	90611.4	-4505.2
3221	10.0	84916.7	-4533.9	3311	9.8	85532.1	-4558.4	3401	10.2	90006.2	-4501.6	3491	8.9	90611.9	-4504.0
3222	10.0	84917.8	-4511.3	3312	10.2	85532.6	-4509.6	3402	10.2	90008.6	-4531.9	3492	10.4	90614.4	-4521.1
3223	9.3	84923.7	-4552.9	3313	10.2	85534.6	-4543.4	3403	9.3	90009.3	-4519.3	3493	10.4	90620.4	-4525.2
3224	10.2	84931.7	-4545.7	3314	10.2	85537.6	-4544.4	3404	10.0	90012.1	-4535.5	3494	10.6	90621.4	-4549.0
3225	9.6	84933.2	-4554.0	3315	9.8	85552.6	-4503.8	3405	9.2	90016.5	-4553.3	3495	9.8	90623.4	-4533.5
3226	10.2	84934.7	-4504.7	3316	9.2	85553.6	-4556.0	3406	10.6	90018.4	-4543.4	3496	10.5	90631.9	-4512.5
3227	9.6	84937.7	-4525.2	3317	9.5	85557.1	-4519.4	3407	10.6	90018.9	-4506.7	3497	10.6	90635.9	-4555.5
3228	10.2	84941.7	-4518.5	3318	10.1	85557.6	-4535.8	3408	10.6	90019.9	-4507.3	3498	10.4	90650.4	-4536.5
3229	10.2	84947.7	-4555.7	3319	9.6	85600.1	-4539.4	3409	8.0	90021.4	-4521.7	3499	10.6	90650.9	-4505.1
3230	9.4	84949.6	-4541.0	3320	10.2	85605.6	-4511.1	3410	10.6	90024.0	-4535.1	3500	10.4	90651.9	-4511.3
3231	10.2	85004.6	-4503.5	3321	9.6	85610.1	-4514.6	3411	10.6	90027.0	-4528.7	3501	10.2	90651.9	-4525.0
3232	9.8	85006.9	-4559.2	3322	10.2	85610.1	-4551.6	3412	10.6	90027.5	-4534.9	3502	8.7	90653.4	-4529.1
3233	10.2	85007.1	-4536.1	3323	10.2	85612.6	-4510.5	3413	9.2	90028.4	-4513.7	3503	10.6	90702.9	-4527.9
3234	10.2	85010.6	-4552.7	3324	9.6	85616.1	-4537.5	3414	10.6	90031.4	-4522.4	3504	9.2	90703.9	-4533.6
3235	9.8	85012.6	-4500.1	3325	8.5	85624.1	-4524.3	3415	9.8	90035.8	-4558.9	3505	10.6	90704.4	-4532.2
3236	10.2	85019.6	-4526.0	3326	9.2	85627.6	-4520.6	3416	10.6	90044.9	-4555.9	3506	10.6	90704.9	-4514.7
3237	9.8	85028.6	-4516.2	3327	8.2	85630.6	-4508.5	3417	9.6	90047.4	-4521.2	3507	8.9	90714.4	-4543.3
3238	9.8	85029.6	-4518.7	3328	9.8	85631.1	-4552.8	3418	10.1	90048.2	-4500.3	3508	10.0	90718.4	-4508.1
3239	9.6	85045.6	-4510.3	3329	10.2	85637.6	-4534.0	3419	10.4	90052.9	-4503.9	3509	10.6	90719.4	-4531.1
3240	8.0	85051.6	-4552.9	3330	10.0	85638.6	-4538.1	3420	8.9	90057.4	-4551.0	3510	10.6	90724.9	-4509.1
3241	10.1	85052.1	-4554.6	3331	10.2	85645.1	-4512.2	3421	10.6	90101.9	-4525.2	3511	10.6	90730.4	-4507.8
3242	9.8	85053.6	-4544.8	3332	10.2	85651.6	-4502.2	3422	10.6	90103.9	-4535.2	3512	10.6	90732.6	-4524.4
3243	9.1	85054.1	-4513.2	3333	10.0	85652.6	-4550.2	3423	10.2	90112.9	-4503.3	3513	10.2	90744.4	-4530.2
3244	10.1	85102.6	-4548.0	3334	9.6	85655.6	-4531.9	3424	10.0	90118.9	-4529.7	3514	7.6	90745.9	-4520.1
3245	8.6	85103.1	-4511.6	3335	10.0	85708.1	-4526.6	3425	10.6	90126.9	-4538.9	3515	10.6	90747.4	-4510.4
3246	10.0	85106.6	-4516.8	3336	9.8	85726.6	-4543.2	3426	9.6	90130.4	-4505.6	3516	10.6	90751.9	-4555.0
3247	10.2	85110.1	-4506.6	3337	10.0	85727.6	-4500.2	3427	8.9	90137.4	-4534.4	3517	10.6	90758.4	-4526.5
3248	10.2	85111.1	-4532.7	3338	10.2	85727.6	-4523.5	3428	10.6	90144.9	-4518.5	3518	10.5	90800.4	-4539.8
3249	10.2	85111.6	-4501.1	3339	9.6	85730.6	-4555.1	3429	10.1	90145.9	-4515.9	3519	9.4	90809.4	-4507.0
3250	10.0	85114.6	-4553.3	3340	9.8	85738.6	-4542.2	3430	10.1	90148.4	-4511.3	3520	9.6	90809.9	-4529.7
3251	9.5	85115.1	-4515.9	3341	9.8	85742.1	-4542.6	3431	9.8	90157.4	-4531.2	3521	10.6	90813.9	-4553.2
3252	10.0	85116.6	-4508.2	3342	9.5	85744.1	-4549.8	3432	10.4	90202.9	-4506.5	3522	10.6	90813.9	-4509.6
3253	9.8	85120.6	-4553.0	3343	10.2	85745.6	-4529.2	3433	10.1	90206.4	-4535.5	3523	10.6	90817.9	-4543.5
3254	8.4	85132.6	-4551.9	3344	8.8	85747.1	-4557.9	3434	10.0	90217.4	-4551.5	3524	9.2	90818.4	-4527.6
3255	10.1	85134.6	-4554.1	3345	9.6	85749.8	-4559.9	3435	10.6	90217.9	-4521.0	3525	10.0	90833.4	-4548.0
3256	9.6	85151.6	-4515.4	3346	9.5	85750.1	-4550.4	3436	9.0	90220.4	-4544.8	3526	10.5	90835.4	-4526.4
3257	10.2	85153.6	-4555.1	3347	9.6	85800.6	-4541.9	3437	10.6	90220.9	-4510.9	3527	10.4	90855.2	-4502.6
3258	9.6	85158.6	-4507.9	3348	10.2	85803.1	-4555.5	3438	8.9	90221.9	-4554.6	3528	10.4	90901.9	-4515.1
3259	8.6	85200.1	-4551.1	3349	9.8	85806.9	-4501.1	3439	10.2	90226.9	-4509.8	3529	9.8	90902.9	-4547.9
3260	9.8	85201.1	-4510.0	3350	9.4	85809.6	-4555.3	3440	9.4	90232.4	-4510.0	3530	10.2	90902.9	-4531.3
3261	9.4	85204.1	-4518.2	3351	9.8	85812.4	-4559.7	3441	10.0	90238.4	-4543.8	3531	10.0	90903.4	-4506.5
3262	10.2	85206.1	-4543.5	3352	9.6	85812.6	-4544.3	3442	8.9	90238.4	-4522.3	3532	9.7	90905.4	-4547.1
3263	9.4	85211.6	-4543.8	3353	9.4	85819.1	-4509.9	3443	8.6	90244.4	-4530.9	3533	9.8	90905.9	-4516.0
3264	9.4	85214.6	-4538.9	3354	10.2	85819.1	-4524.7	3444	10.6	90248.4	-4541.7	3534	10.6	90906.9	-4503.7
3265	10.0	85219.1	-4556.9	3355	10.1	85820.1	-4510.5	3445	9.8	90248.4	-4533.3	3535	10.4	90911.4	-4517.0
3266	9.6	85221.6	-4513.1	3356	9.0	85820.6	-4540.9	3446	10.6	90250.4	-4513.9	3536	10.6	90914.4	-4500.8
3267	9.6	85225.1	-4524.9	3357	9.6	85824.1	-4533.3	3447	9.8	90301.4	-4526.6	3537	10.0	90914.4	-4510.1
3268	9.8	85226.6	-4533.0	3358	9.6	85827.6	-4542.8	3448	9.7	90312.4	-4519.2	3538	9.3	90916.9	-4500.0
3269	10.0	85226.6	-4512.7	3359	10.0	85829.6	-4540.7	3449	10.5	90314.7	-4500.2	3539	9.2	90917.9	-4540.3
3270	9.8	85240.1	-4523.1	3360	9.6	85833.6	-4518.5	3450	10.6	90315.4	-4517.3	3540	10.2	90925.9	-4522.2
3271	9.8	85240.6	-4557.5	3361	10.0	85835.1	-4526.4	3451	9.1	90319.4	-4557.6	3541	10.4	90925.9	-4519.6
3272	9.6	85242.1	-4504.6	3362	10.2	85835.1	-4534.7	3452	10.1	90326.9	-4525.1	3542	10.6	90938.4	-4540.1
3273	10.2	85247.1	-4543.8	3363	9.8	85837.1	-4536.5	3453	8.7	90329.4	-4523.4	3543	10.0	90952.4	-4526.3
3274	10.1	85248.1	-4516.6	3364	9.6	85837.6	-4515.0	3454	10.5	90328.4	-4553.7	3544	10.1	90952.4	-4549.3
3275	10.2	85250.1	-4508.2	3365	10.2	85842.6	-4510.9	3455	9.3	90337.4	-4544.8	3545	10.1	90955.4	-4539.4
3276	10.2	85255.6	-4548.5	3366	10.2	85843.1	-4516.3	3456	9.4	90337.9	-4516.3	3546	10.1	90955.4	-4527.1
3277	8.8	85257.1	-4504.5	3367	10.1	85843.6	-4539.2	3457	10.5	90340.9	-4508.7	3547	9.0	90958.9	-4549.6
3278	10.2	85259.6	-4549.6	3368	9.2	85844.1	-4509.6	3458	10.0	90343.9	-4551.8	3548	9.6	91000.4	-4504.4
3279	10.2	85305.6	-4539.4	3369	10.2	85850.6	-4557.9	3459	10.6	90355.9	-4516.3	3549	10.0	91001.9	-4550.4
3280	10.2	85310.6	-4549.3	3370	10.0	85850.6	-4551.5	3460	10.6	90357.4	-4503.8	3550	10.4	91001.9	-4546.4
3281	9.6	85317.6	-4539.9	3371	10.1	85850.6	-4543.1	3461	8.5	90359.4	-4544.8	3551	9.6	91003.4	-4503.6
3282	9.5	85320.1	-4536.2	3372	9.8	85853.6	-4514.3	3462	9.6	90407.4	-4526.8	3552	9.0	91007.9	-4503.6
3283	10.1	85324.1	-4540.7	3373	10.0	85855.6	-4542.4	3463	10.6	90408.1	-4557.0	3553	10.6	91010.4	-4508.0
3284	9.4	85331.1	-4524.2	3374	9.8	85900.1	-4531.5	3464	10.0	90411.4	-4517.0	3554	9.2	91013.9	-4541.6
3285	9.6	85331.6	-4520.5	3375	10.1	85900.6	-4555.2	3465	10.4	90415.4	-4516.4	3555	9.8	91016.9	-4551.4

-45 3556 9h10m

3556 9.0	91017.9 -4525.6	3646 10.6	91457.5 -4554.0
3557 10.4	91019.9 -4505.1	3647 9.8	91459.5 -4557.2
3558 10.1	91020.9 -4518.0	3648 10.2	91502.5 -4504.0
3559 10.5	91021.4 -4505.0	3649 9.3	91504.0 -4509.1
3560 10.5	91024.4 -4514.7	3650 9.2	91510.0 -4515.4
3561 10.6	91026.9 -4538.6	3651 9.4	91512.5 -4536.8
3562 10.4	91030.4 -4530.6	3652 9.7	91514.0 -4534.8
3563 8.8	91036.9 -4551.0	3653 10.0	91516.5 -4554.8
3564 10.1	91039.4 -4536.0	3654 10.6	91531.8 -4558.2
3565 10.0	91041.4 -4549.4	3655 10.0	91536.5 -4500.2
3566 7.1	91043.3 -4502.3	3656 10.0	91539.0 -4548.4
3567 9.8	91044.5 -4522.0	3657 9.2	91542.5 -4548.4
3568 10.6	91048.0 -4552.8	3658 10.6	91547.2 -4540.1
3569 9.4	91052.0 -4546.8	3659 10.1	91549.0 -4542.7
3570 10.0	91055.0 -4523.9	3660 10.2	91554.0 -4553.8
3571 9.8	91100.0 -4503.2	3661 10.2	91555.0 -4546.9
3572 9.6	91101.0 -4518.6	3662 10.2	91556.0 -4540.6
3573 10.6	91103.5 -4535.9	3663 10.1	91557.5 -4528.2
3574 10.6	91106.0 -4501.0	3664 9.8	91557.5 -4505.6
3575 10.6	91110.5 -4545.8	3665 10.1	91558.5 -4506.6
3576 10.6	91112.0 -4523.7	3666 8.9	91600.0 -4503.6
3577 9.0	91112.0 -4529.7	3667 10.1	91601.0 -4516.1
3578 10.6	91115.5 -4503.1	3668 10.0	91603.0 -4527.1
3579 10.6	91116.0 -4519.9	3669 10.2	91605.0 -4512.7
3580 10.6	91121.0 -4516.1	3670 10.0	91605.5 -4526.2
3581 10.6	91123.5 -4555.6	3671 10.2	91621.0 -4515.6
3582 10.0	91130.0 -4519.6	3672 9.6	91627.5 -4536.6
3583 10.5	91137.5 -4523.5	3673 9.0	91630.0 -4528.4
3584 10.1	91141.3 -4502.6	3674 9.6	91631.0 -4502.5
3585 10.5	91142.2 -4557.3	3675 10.6	91632.5 -4554.7
3586 10.1	91143.5 -4548.2	3676 10.4	91633.0 -4530.6
3587 10.1	91148.5 -4510.5	3677 8.2	91635.0 -4528.7
3588 10.4	91149.5 -4548.8	3678 10.0	91643.5 -4537.4
3589 10.6	91151.8 -4502.1	3679 10.6	91649.3 -4519.2
3590 10.4	91210.5 -4500.6	3680 10.0	91649.3 -4548.8
3591 10.1	91219.0 -4510.9	3681 10.0	91649.8 -4549.1
3592 10.4	91221.0 -4537.0	3682 10.6	91653.3 -4512.8
3593 9.6	91227.7 -4503.0	3683 10.2	91702.3 -4552.0
3594 10.0	91231.0 -4512.8	3684 10.6	91702.8 -4544.2
3595 10.5	91236.5 -4515.4	3685 10.0	91703.8 -4526.4
3596 10.6	91242.0 -4537.4	3686 9.1	91706.3 -4520.2
3597 10.0	91242.5 -4552.4	3687 10.5	91706.3 -4548.6
3598 10.5	91243.0 -4511.5	3688 10.6	91707.3 -4521.8
3599 9.2	91245.0 -4545.0	3689 10.0	91714.8 -4546.2
3600 10.6	91249.5 -4521.6	3690 10.6	91716.3 -4533.2
3601 9.7	91255.0 -4514.0	3691 9.8	91722.3 -4512.0
3602 10.2	91300.0 -4523.7	3692 10.0	91724.3 -4505.6
3603 10.4	91300.0 -4554.9	3693 9.2	91728.8 -4506.6
3604 9.8	91300.5 -4549.3	3694 9.1	91741.8 -4534.8
3605 10.6	91303.5 -4537.9	3695 10.0	91745.3 -4548.6
3606 10.0	91305.0 -4510.9	3696 10.4	91746.3 -4537.1
3607 10.4	91306.5 -4513.1	3697 9.6	91748.3 -4524.6
3608 10.6	91309.0 -4514.2	3698 7.7	91750.3 -4530.8
3609 10.0	91310.0 -4504.6	3699 9.8	91757.3 -4526.0
3610 9.4	91310.0 -4516.1	3700 9.7	91808.3 -4539.8
3611 10.1	91312.5 -4500.3	3701 10.0	91810.3 -4551.8
3612 10.6	91315.5 -4525.9	3702 10.2	91821.8 -4548.6
3613 10.6	91319.0 -4534.9	3703 10.4	91822.3 -4500.2
3614 9.4	91319.0 -4534.4	3704 10.2	91825.8 -4544.9
3615 10.5	91321.0 -4505.2	3705 10.4	91826.3 -4525.6
3616 8.8	91321.5 -4506.0	3706 9.4	91827.3 -4516.2
3617 10.6	91324.5 -4538.4	3707 10.6	91829.8 -4504.6
3618 10.6	91325.0 -4547.5	3708 9.4	91832.8 -4508.2
3619 7.6	91327.5 -4506.6	3709 9.6	91834.8 -4526.4
3620 10.1	91334.5 -4503.3	3710 10.2	91834.8 -4515.6
3621 10.5	91335.0 -4532.9	3711 10.4	91837.3 -4527.8
3622 10.6	91338.5 -4541.3	3712 10.6	91840.8 -4543.8
3623 10.6	91341.0 -4539.3	3713 10.2	91847.3 -4529.0
3624 9.8	91343.0 -4551.6	3714 9.8	91849.3 -4537.2
3625 9.8	91345.0 -4529.8	3715 9.4	91854.7 -4500.7
3626 8.5	91349.0 -4519.0	3716 8.7	91857.3 -4544.2
3627 10.0	91352.2 -4501.9	3717 10.4	91858.3 -4501.2
3628 8.9	91356.5 -4525.3	3718 10.6	91859.8 -4555.6
3629 10.1	91356.5 -4503.6	3719 9.8	91900.8 -4539.7
3630 10.4	91357.5 -4505.4	3720 10.4	91903.3 -4548.3
3631 10.1	91357.8 -4500.9	3721 10.6	91923.8 -4548.6
3632 9.4	91400.2 -4500.6	3722 10.6	91925.8 -4508.0
3633 10.0	91401.0 -4539.4	3723 10.4	91927.8 -4507.2
3634 10.5	91401.5 -4515.5	3724 10.6	91928.8 -4520.1
3635 9.4	91404.5 -4536.8	3725 9.8	91929.8 -4516.9
3636 10.6	91415.5 -4505.4	3726 10.2	91929.8 -4504.5
3637 10.0	91419.0 -4526.2	3727 10.2	91947.3 -4500.7
3638 10.0	91431.0 -4544.4	3728 10.6	91950.3 -4544.0
3639 10.4	91431.5 -4506.8	3729 10.6	92008.3 -4517.7
3640 10.4	91435.0 -4513.4	3730 10.6	92010.3 -4521.0
3641 10.1	91436.5 -4523.8	3731 9.3	92022.3 -4537.2
3642 10.0	91442.5 -4508.2	3732 10.1	92026.8 -4523.8
3643 9.7	91444.5 -4552.6	3733 10.6	92027.3 -4502.0
3644 10.1	91449.5 -4540.1	3734 10.0	92034.8 -4516.4
3645 10.6	91451.0 -4551.0	3735 10.1	92042.3 -4513.9

-45 3915 9h35m

3736 9.8	92048.8 -4532.8	3826 10.6	92758.2 -4532.9
3737 10.4	92056.8 -4548.9	3827 10.0	92800.2 -4501.9
3738 9.8	92057.8 -4507.2	3828 9.9	92803.3 -4506.6
3739 8.9	92102.3 -4517.8	3829 10.4	92812.4 -4505.0
3740 8.9	92103.8 -4503.3	3830 10.1	92817.4 -4553.7
3741 10.0	92104.3 -4544.5	3831 8.8	92818.0 -4512.1
3742 10.0	92110.3 -4508.2	3832 9.6	92822.9 -4510.7
3743 10.2	92111.3 -4527.3	3833 9.2	92832.9 -4552.0
3744 10.2	92113.3 -4549.5	3834 9.8	92835.9 -4544.7
3745 10.2	92118.3 -4541.8	3835 10.1	92843.4 -4510.1
3746 10.5	92127.7 -4500.3	3836 9.6	92843.4 -4519.5
3747 10.6	92137.8 -4516.6	3837 10.1	92848.4 -4516.0
3748 9.6	92149.3 -4530.5	3838 10.0	92850.4 -4503.9
3749 8.2	92149.8 -4535.0	3839 9.3	92853.4 -4534.8
3750 8.7	92153.3 -4551.9	3840 9.8	92901.4 -4528.0
3751 8.2	92204.8 -4535.4	3841 9.6	92901.9 -4534.0
3752 10.5	92225.8 -4512.6	3842 10.2	92903.9 -4509.5
3753 10.5	92226.8 -4531.1	3843 9.6	92904.9 -4511.7
3754 10.4	92227.8 -4513.0	3844 9.3	92908.4 -4520.2
3755 10.6	92228.8 -4536.1	3845 10.4	92909.9 -4552.4
3756 10.1	92237.3 -4501.3	3846 10.4	92912.4 -4548.8
3757 10.2	92240.8 -4546.6	3847 9.9	92918.9 -4519.9
3758 9.8	92242.1 -4559.8	3848 9.8	92934.4 -4548.1
3759 10.4	92248.8 -4533.7	3849 9.6	92942.4 -4524.7
3760 10.6	92253.8 -4523.5	3850 10.4	92956.9 -4524.5
3761 10.6	92255.3 -4528.1	3851 10.4	92958.4 -4524.8
3762 10.6	92257.3 -4526.3	3852 10.0	93000.4 -4516.2
3763 10.0	92303.8 -4530.9	3853 9.8	93012.4 -4502.1
3764 8.9	92308.8 -4528.5	3854 10.4	93012.9 -4541.5
3765 10.0	92309.8 -4556.0	3855 10.2	93013.9 -4507.8
3766 9.4	92309.8 -4522.7	3856 10.2	93016.9 -4535.4
3767 9.2	92328.3 -4530.7	3857 10.0	93026.9 -4557.1
3768 9.6	92337.3 -4518.9	3858 10.4	93029.4 -4522.6
3769 9.8	92338.8 -4552.3	3859 9.4	93031.4 -4543.9
3770 10.4	92340.8 -4504.7	3860 10.4	93032.4 -4547.8
3771 10.4	92343.3 -4507.0	3861 10.2	93042.9 -4545.8
3772 10.4	92344.3 -4533.9	3862 8.6	93049.4 -4535.2
3773 9.0	92344.8 -4513.1	3863 9.0	93050.3 -4558.8
3774 10.6	92344.8 -4557.9	3864 10.1	93051.9 -4533.0
3775 10.4	92357.8 -4504.9	3865 8.8	93100.9 -4530.5
3776 10.4	92400.8 -4520.7	3866 9.6	93108.4 -4548.9
3777 9.6	92401.8 -4547.9	3867 8.8	93126.4 -4530.9
3778 9.6	92401.8 -4552.9	3868 10.4	93128.9 -4518.2
3779 10.6	92404.3 -4534.8	3869 10.2	93129.9 -4501.4
3780 10.4	92406.3 -4508.4	3870 10.0	93140.4 -4555.9
3781 9.4	92408.3 -4530.1	3871 10.4	93142.9 -4542.4
3782 9.1	92415.3 -4523.7	3872 9.0	93144.6 -4557.8
3783 10.6	92422.3 -4555.3	3873 10.2	93144.9 -4554.8
3784 10.6	92428.3 -4512.1	3874 10.0	93150.9 -4538.1
3785 9.6	92431.3 -4508.1	3875 10.0	93156.4 -4512.4
3786 10.1	92438.8 -4559.7	3876 8.6	93159.4 -4546.8
3787 9.4	92439.8 -4544.0	3877 9.8	93201.4 -4512.2
3788 9.3	92448.8 -4508.8	3878 10.1	93209.4 -4504.6
3789 10.5	92453.3 -4535.9	3879 9.4	93211.4 -4511.8
3790 9.2	92500.8 -4525.4	3880 9.8	93217.9 -4528.9
3791 8.6	92500.8 -4555.0	3881 9.8	93217.9 -4554.1
3792 9.4	92501.3 -4540.7	3882 9.6	93236.9 -4500.8
3793 10.6	92502.5 -4559.6	3883 9.2	93250.9 -4553.1
3794 10.0	92507.3 -4510.1	3884 10.4	93251.4 -4507.1
3795 10.2	92507.3 -4515.1	3885 9.8	93252.4 -4551.8
3796 10.4	92510.6 -4557.6	3886 10.2	93259.4 -4527.0
3797 10.5	92520.8 -4543.3	3887 10.4	93301.4 -4532.0
3798 10.2	92551.2 -4530.9	3888 9.6	93315.4 -4552.1
3799 7.8	92552.4 -4501.4	3889 10.4	93318.4 -4550.8
3800 9.3	92554.7 -4539.7	3890 10.4	93323.4 -4559.9
3801 9.2	92554.7 -4513.9	3891 10.4	93326.9 -4525.6
3802 10.4	92558.7 -4530.6	3892 9.2	93331.9 -4501.2
3803 10.6	92601.7 -4520.8	3893 10.4	93339.4 -4531.3
3804 10.6	92607.2 -4520.9	3894 8.8	93353.4 -4533.9
3805 10.1	92607.7 -4559.2	3895 10.1	93354.9 -4550.8
3806 9.8	92608.2 -4534.7	3896 10.4	93356.9 -4534.6
3807 9.6	92618.7 -4524.8	3897 9.6	93404.4 -4519.2
3808 9.6	92620.7 -4525.4	3898 9.6	93405.4 -4510.7
3809 10.6	92620.7 -4506.5	3899 10.4	93422.4 -4503.0
3810 10.0	92622.2 -4540.7	3900 8.8	93439.4 -4512.8
3811 10.6	92630.7 -4515.7	3901 10.0	93441.4 -4529.4
3812 8.0	92634.2 -4527.3	3902 9.6	93447.4 -4520.9
3813 9.2	92636.2 -4533.4	3903 10.2	93451.4 -4534.6
3814 8.3	92638.7 -4503.9	3904 10.4	93451.4 -4536.7
3815 10.6	92649.7 -4538.8	3905 9.8	93457.9 -4528.8
3816 10.0	92717.4 -4559.8	3906 9.0	93503.4 -4505.8
3817 10.5	92718.3 -4508.2	3907 10.0	93503.9 -4556.3
3818 8.5	92718.7 -4514.6	3908 9.9	93505.9 -4526.6
3819 8.9	92721.5 -4556.9	3909 9.6	93509.9 -4542.8
3820 10.2	92734.5 -4559.9	3910 10.2	93511.4 -4521.1
3821 10.1	92741.0 -4534.8	3911 10.2	93512.9 -4503.3
3822 10.1	92741.2 -4542.9	3912 10.1	93527.9 -4527.2
3823 10.5	92742.0 -4552.9	3913 10.4	93528.9 -4514.0
3824 10.0	92747.3 -4523.9	3914 9.6	93533.4 -4549.1
3825 10.4	92756.7 -4556.9	3915 9.8	93537.4 -4538.1

-45 3916 9h35m

-45 4275 9h54m

3916	9.9	93541.4	-4504.9	4006	10.0	94052.5	-4514.8	4096	9.3	94524.5	-4554.0	4186	9.8	94945.5	-4510.3
3917	9.8	93546.9	-4540.1	4007	9.0	94103.0	-4520.2	4097	10.4	94525.0	-4518.2	4187	8.3	94949.0	-4510.9
3918	10.2	93548.8	-4502.0	4008	10.2	94104.0	-4501.8	4098	9.4	94533.5	-4527.4	4188	10.4	94959.0	-4505.1
3919	10.4	93552.4	-4513.9	4009	10.4	94108.0	-4512.7	4099	9.8	94539.5	-4531.2	4189	9.2	95004.0	-4542.3
3920	10.2	93553.4	-4535.4	4010	10.2	94112.0	-4556.8	4100	10.0	94540.5	-4519.8	4190	9.8	95004.5	-4509.2
3921	9.6	93602.5	-4503.5	4011	10.2	94113.0	-4541.5	4101	10.1	94540.5	-4548.3	4191	10.4	95004.6	-4520.4
3922	10.2	93607.5	-4502.6	4012	10.4	94118.0	-4529.1	4102	10.2	94542.0	-4530.7	4192	10.4	95008.5	-4514.0
3923	10.0	93609.4	-4509.2	4013	10.2	94120.0	-4508.1	4103	9.6	94547.0	-4537.8	4193	8.3	95010.5	-4508.9
3924	10.4	93611.7	-4501.5	4014	7.7	94120.5	-4520.4	4104	10.1	94547.5	-4529.9	4194	10.4	95011.5	-4553.7
3925	9.6	93613.4	-4511.0	4015	10.4	94140.5	-4536.0	4105	9.4	94548.0	-4550.5	4195	10.4	95011.6	-4522.0
3926	9.4	93613.9	-4512.8	4016	9.9	94149.5	-4518.9	4106	10.4	94550.8	-4558.8	4196	10.2	95017.6	-4520.6
3927	9.9	93615.4	-4557.6	4017	10.2	94150.0	-4551.8	4107	10.2	94553.0	-4544.1	4197	10.2	95018.0	-4508.6
3928	8.8	93616.9	-4535.8	4018	9.9	94151.7	-4502.9	4108	10.2	94553.0	-4530.6	4198	9.8	95020.5	-4500.2
3929	10.4	93621.4	-4553.9	4019	10.4	94152.0	-4540.4	4109	10.4	94553.5	-4501.0	4199	9.9	95021.5	-4511.2
3930	8.6	93630.4	-4548.9	4020	9.8	94211.5	-4529.6	4110	10.0	94555.5	-4521.1	4200	10.0	95021.5	-4538.6
3931	10.2	93632.9	-4545.9	4021	9.9	94217.0	-4518.2	4111	9.0	94558.0	-4556.8	4201	9.9	95026.0	-4524.2
3932	9.8	93642.4	-4512.4	4022	10.0	94225.0	-4549.2	4112	9.3	94601.5	-4544.0	4202	9.5	95033.0	-4523.0
3933	9.5	93643.4	-4529.4	4023	10.2	94239.0	-4558.1	4113	10.0	94605.0	-4510.7	4203	10.2	95034.0	-4559.7
3934	10.4	93644.0	-4500.5	4024	9.3	94240.0	-4508.4	4114	10.4	94606.8	-4557.8	4204	10.1	95035.4	-4501.1
3935	10.2	93644.9	-4528.7	4025	9.6	94240.5	-4511.6	4115	9.2	94608.5	-4555.2	4205	10.0	95037.0	-4525.5
3936	9.4	93647.9	-4541.6	4026	9.8	94243.0	-4518.0	4116	9.9	94617.0	-4515.1	4206	9.0	95039.5	-4535.3
3937	10.4	93650.9	-4511.4	4027	10.0	94249.0	-4514.2	4117	10.0	94617.0	-4523.9	4207	10.4	95041.6	-4523.1
3938	10.0	93652.9	-4521.7	4028	9.3	94249.5	-4552.8	4118	10.4	94624.0	-4516.9	4208	9.8	95043.5	-4541.7
3939	9.0	93654.4	-4557.0	4029	10.4	94257.0	-4533.0	4119	10.4	94628.0	-4514.3	4209	9.6	95045.5	-4551.0
3940	10.4	93659.9	-4522.5	4030	10.0	94258.5	-4541.1	4120	7.4	94629.5	-4536.5	4210	10.4	95047.0	-4543.5
3941	10.1	93701.4	-4556.1	4031	9.9	94302.5	-4546.3	4121	10.2	94630.5	-4531.8	4211	10.4	95052.0	-4506.1
3942	8.8	93708.9	-4525.6	4032	9.9	94303.5	-4513.7	4122	10.4	94641.0	-4524.2	4212	10.0	95055.0	-4536.5
3943	9.0	93720.9	-4548.8	4033	10.4	94303.5	-4507.5	4123	9.9	94643.5	-4530.9	4213	10.4	95057.5	-4507.0
3944	10.4	93728.9	-4506.1	4034	10.4	94304.5	-4515.9	4124	9.8	94643.5	-4521.9	4214	9.6	95106.0	-4520.4
3945	10.2	93730.9	-4519.9	4035	9.9	94308.0	-4545.8	4125	9.8	94646.0	-4521.5	4215	9.6	95107.5	-4521.8
3946	10.4	93732.9	-4543.6	4036	10.4	94311.5	-4506.5	4126	10.4	94647.5	-4523.9	4216	9.6	95110.0	-4521.0
3947	10.0	93742.9	-4559.9	4037	10.4	94317.0	-4500.1	4127	9.0	94648.0	-4516.1	4217	10.4	95110.0	-4524.3
3948	9.2	93747.9	-4537.7	4038	10.2	94323.5	-4539.9	4128	10.1	94648.5	-4536.9	4218	9.6	95112.0	-4524.0
3949	10.1	93752.9	-4537.2	4039	9.8	94324.0	-4537.8	4129	7.4	94649.5	-4555.6	4219	10.1	95115.3	-4558.2
3950	10.2	93757.9	-4500.3	4040	8.3	94326.8	-4557.7	4130	7.1	94651.2	-4557.7	4220	9.0	95118.0	-4518.0
3951	10.4	93802.4	-4501.5	4041	10.1	94328.0	-4517.2	4131	10.4	94656.0	-4503.5	4221	10.2	95121.2	-4501.9
3952	9.9	93802.9	-4512.1	4042	10.4	94328.0	-4506.7	4132	10.2	94656.5	-4537.0	4222	10.4	95121.5	-4546.0
3953	10.0	93804.9	-4509.1	4043	10.4	94329.5	-4535.1	4133	10.4	94659.0	-4522.0	4223	10.2	95121.5	-4510.9
3954	9.8	93807.9	-4552.0	4044	9.9	94331.5	-4504.3	4134	10.2	94700.0	-4503.1	4224	10.4	95121.6	-4549.9
3955	9.8	93811.4	-4544.4	4045	9.8	94331.5	-4536.0	4135	9.4	94700.5	-4559.7	4225	8.6	95127.5	-4547.9
3956	10.1	93811.4	-4519.9	4046	9.8	94332.0	-4513.0	4136	10.4	94710.0	-4558.1	4226	9.9	95128.0	-4530.7
3957	10.2	93811.9	-4521.1	4047	10.2	94332.9	-4507.8	4137	10.4	94712.0	-4505.5	4227	10.1	95131.7	-4502.6
3958	10.4	93818.9	-4526.0	4048	10.0	94333.0	-4542.8	4138	10.4	94713.5	-4510.1	4228	9.2	95136.5	-4503.6
3959	9.5	93826.4	-4537.2	4049	9.6	94333.5	-4527.0	4139	10.4	94720.5	-4514.4	4229	10.4	95141.5	-4558.6
3960	9.8	93830.4	-4530.2	4050	9.8	94335.5	-4552.5	4140	9.3	94738.5	-4509.9	4230	10.2	95143.0	-4509.4
3961	9.8	93830.9	-4536.8	4051	9.6	94338.5	-4527.7	4141	8.6	94739.0	-4540.6	4231	9.9	95148.5	-4548.6
3962	9.8	93832.9	-4532.1	4052	10.4	94345.5	-4524.6	4142	9.8	94740.0	-4512.1	4232	10.4	95151.6	-4527.4
3963	10.2	93836.9	-4547.4	4053	9.8	94345.5	-4503.7	4143	10.1	94748.5	-4541.1	4233	10.2	95153.0	-4509.6
3964	10.0	93844.5	-4524.5	4054	10.4	94350.0	-4505.5	4144	10.0	94752.5	-4537.1	4234	9.9	95157.5	-4513.0
3965	10.0	93850.0	-4528.4	4055	10.4	94351.5	-4540.5	4145	10.2	94752.9	-4541.5	4235	9.9	95201.0	-4530.6
3966	9.8	93858.0	-4548.0	4056	10.0	94351.5	-4518.8	4146	10.0	94753.0	-4545.9	4236	10.2	95201.0	-4533.1
3967	8.8	93859.5	-4509.3	4057	9.8	94351.5	-4513.9	4147	10.4	94803.0	-4532.1	4237	10.0	95203.5	-4531.1
3968	9.9	93904.0	-4505.5	4058	9.9	94351.5	-4513.0	4148	9.8	94803.5	-4525.9	4238	9.8	95207.5	-4521.1
3969	10.0	93905.0	-4504.6	4059	10.0	94351.5	-4534.9	4149	9.8	94804.5	-4526.1	4239	10.0	95207.5	-4512.9
3970	9.5	93908.5	-4551.0	4060	9.8	94358.7	-4502.2	4150	9.5	94808.0	-4504.5	4240	10.2	95211.0	-4554.0
3971	10.0	93910.5	-4526.6	4061	9.4	94401.5	-4521.6	4151	9.8	94809.5	-4515.4	4241	10.2	95213.0	-4517.7
3972	9.6	93911.5	-4553.6	4062	9.8	94407.0	-4539.0	4152	10.4	94809.5	-4549.0	4242	10.1	95213.0	-4512.1
3973	9.6	93917.0	-4543.4	4063	9.9	94414.5	-4514.9	4153	10.0	94814.0	-4534.5	4243	9.8	95214.0	-4556.0
3974	9.4	93919.5	-4542.9	4064	10.4	94415.0	-4502.2	4154	10.0	94817.0	-4551.7	4244	9.4	95215.5	-4552.3
3975	10.4	93922.0	-4553.4	4065	9.8	94416.0	-4537.7	4155	10.0	94822.5	-4545.1	4245	10.0	95221.5	-4538.0
3976	9.8	93927.5	-4524.9	4066	9.9	94418.5	-4523.6	4156	10.0	94824.0	-4522.6	4246	8.2	95223.2	-4502.3
3977	10.2	93938.0	-4554.5	4067	9.4	94421.5	-4549.9	4157	9.8	94824.0	-4544.4	4247	9.6	95225.0	-4518.0
3978	9.9	93946.5	-4511.0	4068	10.4	94423.0	-4527.4	4158	9.9	94824.5	-4535.3	4248	10.4	95229.5	-4509.3
3979	10.4	93950.0	-4543.3	4069	9.8	94423.0	-4547.7	4159	9.6	94826.0	-4547.5	4249	10.2	95230.0	-4537.5
3980	10.4	93951.5	-4518.2	4070	9.8	94423.0	-4520.7	4160	9.8	94827.0	-4538.2	4250	10.4	95233.0	-4559.6
3981	10.4	93952.5	-4532.1	4071	9.6	94424.0	-4510.3	4161	10.1	94828.5	-4511.7	4251	9.5	95239.5	-4504.0
3982	9.4	93953.5	-4551.2	4072	10.4	94424.0	-4535.9	4162	10.2	94829.0	-4505.8	4252	9.4	95240.5	-4527.4
3983	10.4	93957.0	-4537.6	4073	9.4	94425.5	-4507.2	4163	10.0	94830.5	-4551.2	4253	9.4	95241.0	-4527.9
3984	9.8	93958.0	-4523.8	4074	10.0	94428.0	-4537.8	4164	10.2	94831.5	-4515.3	4254	9.6	95241.0	-4554.6
3985	10.2	93958.5	-4507.6	4075	9.8	94429.0	-4523.8	4165	9.2	94838.0	-4507.7	4255	10.2	95241.5	-4505.2
3986	10.0	93959.5	-4523.1	4076	10.0	94430.5	-4523.2	4166	9.8	94838.0	-4548.5	4256	10.4	95249.5	-4553.9
3987	9.3	94004.5	-4558.9	4077	10.0	94434.5	-4533.8	4167	9.8	94843.0	-4525.1	4257	8.8	95251.5	-4519.2
3988	10.0	94005.0	-4540.9	4078	10.4	94438.5	-4503.9	4168	10.4	94848.0	-4511.5	4258	10.0	95254.0	-4524.9
3989	10.4	94010.2	-4515.3	4079	10.2	94439.0	-4526.6	4169	10.0	94848.0	-4506.3	4259	9.2	95300.0	-4544.1
3990	9.3	94014.0	-4518.9	4080	9.9	94439.5	-4539.9	4170	9.6	94849.0	-4549.4	4260	10.2	95301.0	-4527.8
3991	9.2	94014.0	-4535.2	4081	10.4	94443.5	-4552.6	4171	10.4	94850.0	-4549.7	4261	10.2	95306.0	-4525.3
3992	10.4	94016.0	-4505.9	4082	10.2	94455.3	-4559.9	4172	9.0	94851.5	-4513.6	4262	9.9	95308.0	-4529.2
3993	8.8	94019.5	-4556.1	4083	10.0	94456.5	-4502.1	4173	10.2	94903.0	-4511.2	4263	9.8	95315.0	-4528.7
3994	10.4	94020.0	-4520.7	4084	10.2	94501.7	-4502.8	4174	10.0	94903.0	-4516.8	4264	10.1	95318.0	-4554.5
3995	10.4	94020.5	-4524.2	4085	10.4	94503.0	-4511.0	4175	9.8	94905.5	-4519.7	4265	10.4	95327.0	-4542.8
3996	9.8	94021.5	-4512.2	4086	5.5	94506.0	-4509.0	4176	10.4	94907.0	-4521.2	4266	10.0	95331.5	-4513.1
3997	9.9	94022.0	-4510.2	4087	10.4	94509.5	-4510.0	4177	10.2	94912.0	-4513.0	4267	10.4	95333.0	-4557.8
3998	10.2	94032.0	-4546.4	4088	9.2	94511.0	-4508.2	4178	10.1	94913.0	-4509.0	4268	10.4	95337.5	-4507.3
3999	9.8	94033.5	-4534.5	4089	10.4	94511.5	-4551.9	4179	10.4	94914.5	-4525.7	4269	8.6	95359.5	-4522.5
4000	9.4	94035.0	-4532.3	4090	10.2	94512.5	-4507.0	4180	10.4	94919.5	-4512.7	4270	10.4	95402.5	-4527.5
4001	10.4	94039.5	-4522.2	4091	10.4	94512.5	-4540.5	4181	10.4	94923.0	-4517.6	4271	10.4	95410.0	-4505.9
4002	10.2	94042.5	-4516.2	4092	9.8	94518.5	-4504.3	4182	10.2	94923.0	-4518.5	4272	10.2	95413.0	-4526.1
4003	10.0	94043.5	-4503.6	4093	10.1	94519.0	-4541.2	4183	10.4	94924.0	-4529.7	4273	10.4	95418.5	-4519.2
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-45 4276 9h54m

4276 10.2	95422.9 -4501.9	4366 10.4 100015.3 -4528.0	4456 10.4 100724.8 -4553.0
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4342 7.8	95834.3 -4505.4	4432 10.8 100522.1 -4559.6	4522 10.8 101122.8 -4521.1
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4633 10.4	102011.9 -4526.3		
4634 10.6	102015.2 -4501.5		
4635 9.6	102021.4 -4514.1		

-45 4635 10h20m

-45 4636 10h20m

-45 4995 10h48m

4636	10.4	102026.4	-4505.1	4726	10.2	102657.3	-4529.4	4816	10.2	103314.3	-4519.1
4637	10.2	102030.3	-4558.1	4727	10.2	102700.3	-4522.8	4817	9.4	103315.3	-4533.8
4638	10.2	102031.4	-4532.0	4728	10.2	102702.8	-4504.5	4818	10.2	103316.7	-4557.7
4639	10.6	102032.4	-4541.6	4729	10.2	102705.8	-4554.3	4819	10.2	103317.8	-4556.4
4640	10.2	102035.4	-4544.0	4730	9.2	102711.8	-4513.8	4820	9.7	103318.6	-4501.5
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4644	10.2	102114.9	-4548.7	4734	10.2	102717.3	-4513.2	4824	9.9	103331.3	-4535.9
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4648	9.6	102119.4	-4551.2	4738	10.2	102725.8	-4528.0	4828	10.2	103334.4	-4554.6
4649	10.8	102120.4	-4555.1	4739	10.2	102732.8	-4516.0	4829	9.6	103341.9	-4547.2
4650	10.2	102120.4	-4523.8	4740	9.9	102734.3	-4554.8	4830	10.2	103342.4	-4523.4
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4652	10.2	102128.4	-4527.8	4742	10.2	102745.8	-4555.0	4832	9.9	103352.4	-4542.3
4653	10.4	102134.9	-4528.6	4743	8.6	102750.8	-4540.3	4833	9.6	103354.9	-4540.0
4654	9.8	102138.4	-4550.8	4744	9.8	102755.8	-4533.3	4834	10.2	103406.4	-4525.6
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4657	10.8	102148.4	-4502.6	4747	10.2	102757.8	-4552.3	4837	9.8	103444.9	-4533.1
4658	10.8	102150.9	-4510.4	4748	10.2	102816.3	-4551.5	4838	10.2	103449.4	-4553.5
4659	10.2	102156.2	-4502.1	4749	9.2	102820.8	-4553.7	4839	10.0	103451.4	-4523.0
4660	8.6	102159.4	-4505.2	4750	10.0	102824.8	-4506.1	4840	10.2	103452.4	-4525.2
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4662	10.8	102201.4	-4545.7	4752	10.2	102830.8	-4507.3	4842	10.2	103458.9	-4555.6
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4667	10.8	102232.4	-4524.0	4757	8.4	102851.8	-4506.0	4847	10.2	103511.9	-4529.4
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4673	10.8	102258.1	-4538.7	4763	8.5	102901.3	-4550.6	4853	9.4	103557.4	-4554.8
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4675	7.6	102311.1	-4555.5	4765	10.2	102909.8	-4552.4	4855	8.1	103616.9	-4507.1
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4689	9.8	102415.8	-4530.9	4779	8.8	103024.8	-4552.2	4869	9.8	103703.6	-4543.8
4690	9.8	102417.8	-4521.3	4780	10.2	103026.3	-4510.4	4870	10.2	103704.1	-4513.8
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4715	9.8	102602.8	-4546.1	4805	8.6	103229.8	-4537.2	4895	10.2	103939.4	-4553.2
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4720	8.4	102616.3	-4521.2	4810	10.2	103254.8	-4555.2	4900	9.4	104004.9	-4552.5
4721	10.2	102619.8	-4506.1	4811	10.2	103300.3	-4526.6	4901	10.2	104013.9	-4543.1
4722	10.0	102629.8	-4523.9	4812	9.6	103301.3	-4515.4	4902	8.9	104016.9	-4506.1
4723	10.2	102644.8	-4544.2	4813	9.7	103304.8	-4541.6	4903	10.2	104019.4	-4557.5
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4725	10.2	102653.8	-4548.3	4815	10.0	103313.8	-4552.8	4905	10.2	104043.9	-4558.6
4906	9.8	104046.4	-4550.7								
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4908	10.0	104052.4	-4516.6								
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4910	10.0	104058.9	-4522.3								
4911	10.2	104103.9	-4539.6								
4912	9.2	104106.4	-4544.5								
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-45 5356 11h12m

-45 5715 11h52m

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-45 5716 11h52m

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5717	10.4	115239.0	-4533.0
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5746	10.0	115537.0	-4558.5
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5763	9.6	115803.0	-4529.1
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5767	10.2	115851.5	-4540.2
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5822	9.8	120450.5	-4553.2
5823	9.6	120452.5	-4519.7
5824	10.2	120526.5	-4525.9
5825	10.0	120533.5	-4508.2
5826	10.6	120538.0	-4551.4
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5828	8.4	120543.0	-4543.1
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5830	8.6	120553.0	-4540.3
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5835	10.3	120634.5	-4513.3
5836	10.6	120638.0	-4530.0
5837	9.8	120639.0	-4514.8
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5848	10.4	120808.0	-4524.0
5849	10.0	120809.5	-4528.1
5850	10.2	120810.5	-4558.4
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5859	10.6	120949.0	-4538.2
5860	10.6	121000.0	-4527.2
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5862	9.2	121004.3	-4502.2
5863	10.0	121005.0	-4548.5
5864	9.2	121009.0	-4510.2
5865	10.0	121014.5	-4528.2
5866	9.9	121018.0	-4552.2
5867	9.4	121020.5	-4541.6
5868	10.0	121045.5	-4533.0
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-45 6075 12h44m

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6766	10.2	141011.1	-4541.0
6767	10.2	141011.1	-4518.3
6768	9.4	141011.6	-4506.7
6769	8.9	141023.6	-4519.5
6770	10.2	141030.1	-4533.3
6771	10.2	141035.1	-4528.0
6772	9.8	141039.6	-4531.9
6773	9.6	141051.1	-4554.4
6774	9.4	141100.1	-4508.3
6775	9.8	141120.1	-4507.5
6776	10.2	141120.6	-4508.4
6777	9.4	141124.1	-4522.9
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6779	9.8	141130.6	-4542.3
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6781	10.2	141139.1	-4548.2
6782	10.2	141140.1	-4547.0
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6784	9.6	141152.6	-4501.3
6785	9.0	141156.5	-4551.1
6786	10.2	141240.5	-4504.5
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6788	9.4	141310.0	-4516.9
6789	9.8	141325.0	-4536.4
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6791	9.4	141331.0	-4547.8
6792	10.2	141331.5	-4537.8
6793	10.2	141332.0	-4527.3
6794	9.4	141333.5	-4521.8
6795	8.7	141339.0	-4517.8

-45 6796 14h13m

-45 7155 14h52m

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6798 9.2 141357.5 -4554.0	6888 10.2 142509.6 -4509.1	6978 10.4 143450.8 -4556.9	7068 10.4 144312.6 -4538.7
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6803 8.3 141455.5 -4542.3	6893 10.2 142540.1 -4525.3	6983 10.2 143524.8 -4552.9	7073 10.4 144350.6 -4540.7
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7184 9.6 145615.6 -4520.1	7274 9.2 150541.7 -4500.7	7364 10.1 151250.5 -4513.3	7454 9.8 152329.9 -4523.0
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7187 10.0 145639.6 -4545.7	7277 9.7 150546.2 -4505.1	7367 9.0 151319.5 -4552.2	7457 10.2 152403.4 -4513.8
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7189 9.9 145650.6 -4534.6	7279 9.7 150559.7 -4502.0	7369 9.0 151336.5 -4538.1	7459 8.7 152407.4 -4529.7
7190 8.8 145652.6 -4506.5	7280 8.0 150604.2 -4525.3	7370 9.9 151338.0 -4505.5	7460 9.9 152408.4 -4519.2
7191 9.6 145700.6 -4539.9	7281 9.2 150610.2 -4540.4	7371 9.6 151344.5 -4535.9	7461 9.8 152408.4 -4516.6
7192 10.2 145705.1 -4516.9	7282 10.1 150611.7 -4552.1	7372 10.1 151344.5 -4508.0	7462 10.1 152410.4 -4556.8
7193 9.2 145710.6 -4516.7	7283 9.4 150614.5 -4517.5	7373 10.0 151347.0 -4550.1	7463 9.6 152419.9 -4558.7
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7196 10.0 145730.6 -4557.9	7286 10.2 150616.0 -4527.9	7376 10.2 151401.0 -4504.9	7466 10.1 152429.9 -4544.6
7197 9.7 145733.6 -4520.3	7287 10.0 150622.0 -4533.5	7377 9.7 151408.7 -4558.4	7467 9.2 152431.9 -4548.0
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7208 9.6 145915.7 -4532.9	7298 9.8 150735.0 -4509.6	7388 8.8 151523.0 -4523.7	7478 9.8 152519.9 -4540.1
7209 8.8 145922.9 -4528.8	7299 8.5 150738.7 -4500.9	7389 9.0 151524.0 -4515.0	7479 10.1 152540.1 -4559.6
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7211 7.6 145933.2 -4505.6	7301 9.8 150750.0 -4528.9	7391 10.1 151530.0 -4556.7	7481 8.8 152609.1 -4558.8
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7217 10.2 150002.1 -4522.1	7307 9.4 150820.3 -4500.1	7397 9.6 151629.0 -4506.4	7487 9.2 152636.4 -4526.3
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7225 10.0 150051.7 -4547.9	7315 10.1 150849.0 -4505.2	7405 10.2 151720.5 -4537.1	7495 10.2 152715.1 -4540.0
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7232 10.2 150144.2 -4526.4	7322 9.2 150918.5 -4534.6	7412 9.6 151814.5 -4543.8	7502 9.6 152744.4 -4524.9
7233 10.2 150147.2 -4523.9	7323 9.6 150920.0 -4510.3	7413 8.8 151816.5 -4554.9	7503 9.6 152800.7 -4532.2
7234 10.1 150150.7 -4532.3	7324 10.1 150928.5 -4541.6	7414 9.0 151822.5 -4542.4	7504 9.6 152805.1 -4526.6
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7237 9.2 150155.7 -4538.4	7327 9.6 150943.0 -4535.9	7417 10.2 151841.5 -4512.3	7507 10.2 152815.3 -4501.5
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7244 10.2 150218.4 -4557.0	7334 9.6 151031.0 -4544.2	7424 9.6 151912.4 -4556.5	7514 10.0 152855.4 -4529.5
7245 8.7 150218.7 -4535.2	7335 10.1 151033.0 -4556.9	7425 9.7 151914.9 -4525.4	7515 10.1 152858.9 -4508.0

-45 7515 15h28m

-45 7516 15h29m

-45 7875 16h12m

7516	8.6	152900.4	-4517.1	7606	9.2	153715.1	-4503.6	7696	10.2	154339.6	-4515.2
7517	9.6	152902.4	-4540.1	7607	10.2	153715.1	-4504.7	7697	10.1	154349.6	-4525.7
7518	9.6	152902.9	-4548.7	7608	9.4	153725.1	-4502.4	7698	9.4	154357.6	-4519.9
7519	9.4	152903.4	-4540.3	7609	9.8	153735.6	-4507.3	7699	8.8	154408.1	-4525.3
7520	10.2	152920.9	-4558.9	7610	9.9	153745.1	-4523.1	7700	10.1	154409.6	-4533.2
7521	10.1	152923.9	-4541.3	7611	9.9	153745.5	-4536.9	7701	10.1	154412.1	-4529.5
7522	10.1	152925.4	-4517.9	7612	9.8	153755.5	-4522.1	7702	8.8	154419.1	-4550.6
7523	9.0	152927.4	-4511.1	7613	9.5	153759.0	-4540.1	7703	8.8	154435.1	-4554.4
7524	8.7	152967.9	-4522.1	7614	10.2	153801.5	-4514.4	7704	9.8	154448.6	-4556.1
7525	10.0	152957.2	-4558.9	7615	10.2	153805.0	-4558.9	7705	9.2	154453.1	-4532.1
7526	7.0	153000.4	-4517.7	7616	10.2	153807.0	-4552.5	7706	9.8	154453.6	-4552.1
7527	9.6	153001.4	-4534.7	7617	10.2	153809.5	-4538.5	7707	10.2	154456.1	-4504.7
7528	10.2	153005.9	-4534.2	7618	8.7	153811.5	-4528.0	7708	9.8	154459.1	-4535.5
7529	9.0	153019.1	-4559.7	7619	9.8	153811.5	-4516.5	7709	9.4	154521.6	-4519.2
7530	10.0	153019.4	-4508.7	7620	9.2	153812.0	-4511.6	7710	9.5	154521.6	-4533.4
7531	10.2	153023.7	-4559.8	7621	10.2	153815.0	-4552.9	7711	10.0	154529.1	-4533.9
7532	10.1	153025.4	-4556.1	7622	8.9	153817.5	-4530.6	7712	10.2	154534.5	-4534.2
7533	10.2	153035.4	-4545.9	7623	10.2	153820.0	-4550.3	7713	9.2	154535.1	-4549.5
7534	10.0	153035.4	-4517.1	7624	9.6	153825.5	-4516.2	7714	9.6	154537.6	-4552.6
7535	10.2	153037.4	-4528.9	7625	9.8	153828.0	-4515.4	7715	10.0	154552.1	-4526.2
7536	9.3	153047.1	-4557.7	7626	10.0	153829.0	-4502.0	7716	10.1	154557.1	-4504.5
7537	10.0	153049.4	-4531.9	7627	9.4	153834.5	-4510.4	7717	8.6	154603.6	-4505.4
7538	9.6	153058.4	-4514.3	7628	10.1	153835.0	-4506.8	7718	9.6	154604.6	-4541.3
7539	10.2	153100.9	-4526.1	7629	9.6	153840.0	-4516.7	7719	10.1	154605.6	-4537.2
7540	10.1	153101.4	-4530.2	7630	9.5	153842.5	-4510.1	7720	9.6	154612.6	-4512.7
7541	10.2	153105.4	-4510.7	7631	10.1	153848.0	-4551.2	7721	9.6	154615.1	-4538.2
7542	9.6	153105.9	-4532.3	7632	9.6	153856.0	-4537.2	7722	9.4	154616.1	-4512.8
7543	9.4	153109.9	-4510.1	7633	10.2	153857.5	-4542.3	7723	9.8	154617.1	-4539.1
7544	8.9	153124.4	-4528.9	7634	10.2	153859.5	-4502.7	7724	10.1	154619.1	-4525.7
7545	9.4	153140.4	-4522.2	7635	9.6	153904.0	-4553.1	7725	9.0	154629.6	-4526.9
7546	9.9	153141.4	-4551.7	7636	9.4	153904.5	-4535.7	7726	9.8	154631.6	-4536.8
7547	10.2	153145.2	-4555.3	7637	9.5	153906.0	-4521.4	7727	9.8	154641.1	-4509.7
7548	9.9	153200.3	-4531.4	7638	9.5	153906.7	-4502.1	7728	10.2	154650.8	-4504.6
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7551	9.6	153211.3	-4511.9	7641	10.2	153913.0	-4534.0	7731	10.2	154737.8	-4555.1
7552	10.2	153217.3	-4506.5	7642	10.0	153919.6	-4558.7	7732	9.9	154749.8	-4539.4
7553	10.2	153219.3	-4504.9	7643	9.4	153935.0	-4500.9	7733	8.9	154751.8	-4517.7
7554	9.9	153221.3	-4504.3	7644	9.8	153935.5	-4552.5	7734	10.2	154801.3	-4522.7
7555	10.2	153221.8	-4551.7	7645	9.6	153939.0	-4553.5	7735	10.1	154805.3	-4524.5
7556	10.2	153223.3	-4522.5	7646	9.6	153940.2	-4500.6	7736	10.2	154807.3	-4504.1
7557	9.9	153225.8	-4526.6	7647	9.0	153946.5	-4537.8	7737	10.1	154833.8	-4526.5
7558	10.2	153243.3	-4502.5	7648	9.9	153950.0	-4539.2	7738	10.2	154902.3	-4550.4
7559	9.6	153245.8	-4541.5	7649	10.1	153950.0	-4552.7	7739	9.8	154902.3	-4530.3
7560	8.4	153259.3	-4507.0	7650	10.2	153952.0	-4521.1	7740	9.2	154906.8	-4530.0
7561	9.2	153304.8	-4525.0	7651	10.2	153956.0	-4515.7	7741	10.1	154915.8	-4523.8
7562	9.2	153310.3	-4545.5	7652	10.2	154004.8	-4530.3	7742	10.2	154924.3	-4502.4
7563	10.1	153311.3	-4504.6	7653	10.0	154010.8	-4548.2	7743	9.8	154925.8	-4528.0
7564	9.5	153320.3	-4549.5	7654	9.6	154015.3	-4502.5	7744	9.8	154929.8	-4529.0
7565	10.1	153320.3	-4523.2	7655	9.6	154018.3	-4533.8	7745	9.4	154940.8	-4548.0
7566	10.2	153321.3	-4508.8	7656	8.8	154029.8	-4519.9	7746	9.6	154949.3	-4533.6
7567	9.6	153333.8	-4506.7	7657	9.6	154029.8	-4529.2	7747	9.6	154955.3	-4536.3
7568	9.9	153336.3	-4500.9	7658	10.1	154032.3	-4510.1	7748	9.0	155001.3	-4516.4
7569	9.4	153350.3	-4524.1	7659	9.5	154041.8	-4556.5	7749	10.2	155022.3	-4548.4
7570	10.0	153351.3	-4504.9	7660	9.4	154043.8	-4512.2	7750	9.0	155027.3	-4517.4
7571	10.1	153351.3	-4549.5	7661	10.2	154049.8	-4518.8	7751	9.5	155041.8	-4519.7
7572	10.2	153352.3	-4550.9	7662	9.0	154050.3	-4542.0	7752	10.2	155043.3	-4549.2
7573	10.2	153355.3	-4543.1	7663	9.5	154053.3	-4505.0	7753	9.8	155059.3	-4533.5
7574	9.6	153359.8	-4510.7	7664	9.8	154116.8	-4516.4	7754	7.6	155101.8	-4556.3
7575	9.0	153411.3	-4539.3	7665	7.2	154130.8	-4501.0	7755	10.2	155112.3	-4507.8
7576	8.4	153420.8	-4531.2	7666	10.2	154137.3	-4556.1	7756	7.8	155136.8	-4505.4
7577	8.0	153422.3	-4540.4	7667	10.0	154138.3	-4521.3	7757	9.8	155140.8	-4533.8
7578	9.8	153423.8	-4558.5	7668	9.8	154139.3	-4552.7	7758	8.2	155142.8	-4534.2
7579	9.0	153431.3	-4505.7	7669	9.5	154140.3	-4515.6	7759	9.8	155156.8	-4500.1
7580	9.0	153432.8	-4536.9	7670	9.6	154140.8	-4517.7	7760	9.8	155157.8	-4539.1
7581	9.8	153448.6	-4528.1	7671	8.2	154152.3	-4555.9	7761	8.2	155219.5	-4500.3
7582	9.4	153450.1	-4523.0	7672	10.2	154154.8	-4558.1	7762	10.1	155229.0	-4504.2
7583	9.6	153450.1	-4506.9	7673	10.0	154200.8	-4535.2	7763	8.7	155250.0	-4554.8
7584	10.1	153501.1	-4528.3	7674	9.8	154204.3	-4502.1	7764	9.2	155250.0	-4529.6
7585	9.5	153505.1	-4525.2	7675	10.2	154210.3	-4553.0	7765	9.5	155253.0	-4514.4
7586	9.5	153524.6	-4539.3	7676	9.9	154228.3	-4542.6	7766	10.2	155259.0	-4532.7
7587	9.6	153529.1	-4512.0	7677	9.8	154229.4	-4527.8	7767	10.0	155313.5	-4511.4
7588	8.4	153551.1	-4522.5	7678	9.5	154233.5	-4556.5	7768	10.0	155345.0	-4550.7
7589	8.8	153605.6	-4507.0	7679	9.6	154234.3	-4534.9	7769	10.2	155349.0	-4523.9
7590	8.4	153611.6	-4550.9	7680	9.3	154235.3	-4520.0	7770	8.6	155358.8	-4531.4
7591	9.2	153611.6	-4509.9	7681	10.0	154236.3	-4522.7	7771	9.6	155359.0	-4530.1
7592	8.6	153620.1	-4507.2	7682	10.1	154240.8	-4535.7	7772	10.0	155409.0	-4511.3
7593	10.0	153625.1	-4510.7	7683	9.8	154240.8	-4551.7	7773	10.2	155411.4	-4500.0
7594	8.8	153638.1	-4554.7	7684	9.8	154247.8	-4509.0	7774	9.9	155449.0	-4514.3
7595	10.1	153640.4	-4557.0	7685	9.5	154248.3	-4550.1	7775	9.6	155510.6	-4551.4
7596	10.0	153640.6	-4511.7	7686	9.9	154249.3	-4553.1	7776	9.2	155514.6	-4520.4
7597	9.8	153643.6	-4517.7	7687	9.2	154249.6	-4523.3	7777	10.2	155523.5	-4504.2
7598	9.8	153643.6	-4535.9	7688	10.0	154303.6	-4529.2	7778	8.9	155531.5	-4508.5
7599	10.2	153645.1	-4538.9	7689	10.2	154309.3	-4502.1	7779	10.2	155532.0	-4542.9
7600	10.2	153648.1	-4502.3	7690	10.2	154313.1	-4553.0	7780	8.8	155602.1	-4556.8
7601	10.2	153650.1	-4550.7	7691	10.2	154314.6	-4553.3	7781	9.4	155615.7	-4537.7
7602	9.6	153655.1	-4554.3	7692	7.5	154316.1	-4507.5	7782	9.6	155619.2	-4547.5
7603	8.6	153658.1	-4554.1	7693	9.8	154320.6	-4508.4	7783	8.8	155628.7	-4509.8
7604	9.5	153700.1	-4556.2	7694	9.5	154320.8	-4501.8	7784	10.0	155632.7	-4535.9
7605	8.9	153706.6	-4538.9	7695	9.6	154329.6	-4516.3	7785	7.5	155657.2	-4544.4
7786	10.0	155659.2	-4504.7								
7787	9.5	155707.2	-4538.9								
7788	9.4	155712.7	-4530.0								
7789	9.8	155729.2	-4514.7								
7790	9.5	155747.2	-4542.4								
7791	10.0	155749.7	-4520.4								
7792	9.8	155753.2	-4534.9								
7793	10.0	155804.2	-4549.7								
7794	9.8	155813.7	-4551.3								
7795	9.8	155814.2	-4529.7								
7796	8.8	155821.2	-4510.4								
7797	8.2	155821.7	-4500.4								
7798	9.4	155825.7	-4503.8								
7799	9.3	155833.2	-4517.0								
7800	10.0	155859.7	-4559.6								
7801	9.8	155913.7	-4556.3								
7802	7.8	155925.2	-4501.7								
7803	10.0	155937.2	-4537.9								
7804	9.8	155938.7	-4539.3								
7805	9.5	155949.2	-4514.2								
7806	10.0	160012.2	-4529.9								
7807	8.6	160013.2	-4509.7								
7808	9.4	160020.2	-4559.6								
7809	9.5	160025.2	-4526.6								
7810	10.0	160034.2	-4532.1								
7811	9.5	160117.2	-4545.9								
7812	9.4	160117.4	-4500.1								
7813	9.7	160129.2	-4512.9								
7814	9.8	160130.2	-4547.2								
7815	9.6	160150.2	-4540.9								
7816	9.3	160154.9	-4502.6								
7817	9.8	160226.7	-4513.8								
7818	7.4	160228.4	-4500.2								
7819	10.0	160229.2	-4538.4								
7820	9.8	160239.2	-4542.1								
7821	10.0	160321.6	-4518.0								
7822	9.8	160347.6	-4540.2								
7823	9.4	160351.6	-4542.2								
7824	8.6	160417.6	-4529.1								
7825	9.8	160417.6	-4508.2								
7826	8.6	160439.6	-4529.5								
7827	9.0	160504.6	-4502.9								
7828	9.4	160511.1	-4533.1								
7829	9.6	160550.6	-4525.9								
7830	8.0	160559.6	-4540.1								
7831	10.0	160617.6	-4504.1								
7832	10.0	160629.6	-4544.5								
7833	10.0	160640.1	-4545.2								
7834	10.0	160648.1	-4535.8								
7835	10.0	160654.1	-4515.3								
7836	9.7	160719.1	-4520.5								
7837	8.2	160721.6	-4504.4								
7838	9.0	160740.1	-4513.7								
7839	9.2	160805.6	-4503.4								
7840	10.0	160840.6	-4528.2								
7841	9.0	160847.6	-4508.1								
7842	9.7	160851.6	-4524.1								
7843	9.4	160900.6	-4529.4								
7844	9.4	160922.1	-4540.3								
7845	8.6	160925.6	-4531.6								
7846	10.0	160929.6	-4556.5								
7847	10.0	160935.6	-4512.2								
7848	10.0	160953.6	-4557.0								
7849	10.0	160953.9	-4500.0								
7850	9.7	160954.1	-4542.7								
7851	9.4	161004.6	-4504.3								
7852	10.0	161010.6	-4534.5								
7853	9.3	161013.1	-4538.1								
7854	9.8	161021.6	-4530.6								
7855	10.0	161030.6	-4534.6								
7856	9.5	161037.6	-4508.6								
7857	8.8	161044.3	-4557.2								
7858	9.8	161050.1	-4505.5								
7859	9.5	161052.6	-4554.0								
7860	9.8	161059.6	-4526.3								
7861	9.5	161104.6	-4507.0								
7862	9.8	161104.6	-4505.4								
7863	10.0	161122.1	-4525.6								
7864	9.6	161125.6	-4533.7								
7865	9.7	161127.6	-4556.2								
7866	9.2	161130.9	-4557.4								
7867	9.4	161132.1	-4549.3								
7868	8.8	161134.6	-4530.2								
7869	10.0	161207.6	-4502.3								
7870	10.0	161215.1	-4532.4								
7871	9.4	161220.1	-4512.2								
7872	9.5	161225.1	-4544.3								
7873	10.0	161232.6	-4512.1								
7874	9.2	161236.1	-4527.2								
7875	8.5	161239.6	-4526.9								

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7876	9.7	161239.6	-4507.3
7877	10.0	161242.6	-4509.3
7878	9.8	161309.6	-4507.2
7879	9.4	161317.6	-4504.8
7880	9.8	161333.6	-4528.4
7881	10.0	161336.1	-4521.0
7882	10.0	161340.6	-4518.9
7883	9.4	161341.6	-4535.7
7884	9.0	161355.6	-4532.0
7885	10.0	161402.6	-4525.3
7886	9.4	161409.6	-4548.7
7887	9.4	161411.6	-4518.2
7888	9.8	161418.1	-4551.5
7889	10.0	161428.6	-4547.2
7890	9.8	161429.6	-4550.8
7891	9.6	161432.6	-4546.1
7892	9.8	161456.9	-4559.4
7893	9.6	161509.6	-4521.4
7894	10.0	161513.6	-4527.4
7895	10.0	161515.1	-4533.3
7896	9.2	161527.5	-4502.7
7897	9.0	161531.5	-4520.0
7898	8.4	161535.5	-4533.3
7899	9.8	161539.5	-4529.1
7900	10.0	161540.6	-4537.9
7901	10.0	161544.0	-4547.7
7902	10.0	161544.5	-4510.8
7903	10.0	161545.5	-4513.8
7904	9.5	161545.5	-4535.6
7905	10.0	161554.5	-4508.9
7906	7.2	161557.5	-4503.4
7907	9.4	161557.5	-4544.1
7908	9.7	161601.0	-4552.1
7909	9.0	161638.5	-4542.1
7910	9.6	161639.5	-4505.7
7911	9.4	161647.5	-4536.1
7912	8.5	161648.5	-4515.0
7913	10.0	161649.5	-4549.7
7914	9.8	161652.5	-4544.7
7915	9.4	161659.5	-4501.7
7916	9.5	161659.5	-4539.7
7917	10.0	161700.5	-4532.9
7918	9.0	161701.5	-4518.9
7919	10.0	161707.5	-4528.5
7920	9.6	161717.5	-4553.4
7921	8.5	161719.5	-4530.0
7922	10.0	161728.0	-4538.3
7923	9.8	161731.0	-4556.0
7924	9.4	161732.0	-4522.9
7925	9.7	161745.5	-4529.4
7926	10.0	161749.5	-4557.1
7927	10.0	161759.5	-4551.7
7928	10.0	161800.5	-4537.6
7929	9.6	161809.5	-4501.0
7930	10.0	161813.5	-4551.8
7931	8.6	161819.5	-4554.9
7932	10.0	161829.0	-4525.3
7933	9.8	161831.0	-4540.8
7934	9.4	161850.5	-4513.3
7935	8.1	161857.5	-4558.0
7936	9.4	161858.0	-4530.6
7937	10.0	161859.5	-4540.0
7938	9.8	161903.5	-4512.3
7939	9.6	161905.0	-4556.2
7940	9.6	161908.5	-4526.1
7941	9.8	161909.5	-4520.2
7942	9.8	161911.5	-4511.2
7943	9.8	161917.5	-4515.5
7944	9.5	161929.5	-4547.2
7945	10.0	161935.0	-4550.2
7946	10.0	161937.0	-4536.7
7947	10.0	161938.0	-4531.0
7948	10.0	161938.5	-4548.8
7949	9.8	161950.5	-4509.4
7950	9.4	161953.5	-4528.4
7951	10.0	161955.5	-4512.4
7952	9.4	161956.0	-4549.2
7953	9.0	161959.0	-4519.1
7954	9.6	161959.5	-4541.8
7955	9.8	162007.5	-4514.8
7956	9.7	162008.0	-4522.0
7957	9.0	162009.5	-4515.4
7958	10.0	162011.5	-4500.6
7959	9.6	162017.5	-4539.0
7960	9.3	162017.5	-4521.8
7961	9.4	162020.5	-4542.0
7962	8.2	162024.6	-4558.9
7963	10.0	162028.5	-4501.4
7964	10.0	162029.5	-4519.4
7965	9.8	162030.5	-4531.4
7966	9.7	162033.5	-4532.2
7967	10.0	162036.0	-4507.2
7968	9.6	162038.5	-4526.3
7969	6.8	162039.5	-4557.8
7970	9.4	162043.5	-4542.0
7971	10.0	162049.5	-4518.1
7972	10.0	162049.5	-4544.4
7973	9.6	162104.9	-4540.5
7974	9.2	162110.4	-4503.5
7975	9.6	162119.4	-4526.2
7976	9.7	162121.9	-4533.0
7977	9.7	162133.9	-4511.3
7978	9.8	162140.9	-4510.7
7979	9.2	162146.2	-4549.7
7980	9.5	162204.6	-4559.8
7981	10.0	162206.4	-4512.9
7982	9.4	162216.5	-4535.4
7983	8.6	162219.6	-4558.0
7984	9.5	162225.4	-4534.7
7985	9.4	162228.9	-4554.1
7986	9.6	162239.4	-4523.8
7987	10.0	162241.4	-4518.2
7988	9.5	162253.7	-4550.3
7989	9.7	162309.4	-4550.0
7990	9.4	162309.9	-4551.4
7991	9.0	162311.1	-4550.9
7992	9.6	162314.4	-4524.1
7993	10.0	162314.5	-4551.3
7994	10.0	162319.4	-4520.0
7995	9.6	162319.4	-4512.0
7996	9.6	162321.4	-4505.2
7997	9.5	162329.9	-4506.3
7998	9.3	162334.1	-4535.9
7999	8.6	162335.4	-4500.3
8000	10.0	162335.4	-4509.3
8001	8.8	162338.1	-4535.2
8002	10.0	162342.9	-4515.1
8003	9.2	162407.8	-4536.8
8004	9.0	162413.3	-4533.4
8005	9.5	162414.3	-4520.8
8006	9.0	162429.8	-4530.7
8007	9.2	162431.8	-4527.8
8008	9.5	162434.8	-4528.4
8009	9.2	162437.8	-4510.6
8010	9.6	162441.3	-4554.8
8011	9.6	162456.8	-4553.2
8012	9.2	162501.8	-4545.6
8013	9.0	162515.8	-4552.4
8014	9.2	162521.8	-4525.1
8015	9.3	162542.3	-4548.2
8016	9.5	162551.8	-4509.7
8017	9.2	162559.8	-4546.6
8018	9.6	162600.8	-4531.4
8019	9.6	162609.8	-4534.2
8020	9.6	162612.8	-4527.1
8021	9.0	162619.8	-4536.0
8022	9.5	162624.3	-4533.2
8023	8.4	162632.3	-4559.6
8024	9.4	162635.8	-4535.0
8025	9.4	162642.3	-4522.8
8026	9.3	162643.3	-4521.9
8027	8.2	162644.3	-4521.4
8028	8.2	162646.8	-4524.9
8029	9.6	162657.3	-4549.0
8030	9.2	162657.8	-4522.0
8031	9.2	162703.3	-4545.1
8032	9.5	162714.8	-4522.5
8033	9.3	162714.8	-4530.2
8034	8.2	162719.8	-4559.2
8035	8.6	162721.8	-4508.2
8036	9.6	162724.8	-4501.7
8037	9.6	162725.5	-4522.8
8038	9.6	162745.8	-4534.1
8039	9.6	162746.8	-4532.1
8040	9.6	162755.8	-4528.2
8041	9.3	162756.8	-4536.4
8042	9.2	162759.8	-4508.8
8043	7.8	162759.8	-4503.7
8044	9.2	162804.8	-4528.9
8045	9.6	162810.3	-4546.1
8046	9.6	162829.3	-4522.7
8047	9.0	162839.8	-4559.5
8048	8.4	162846.3	-4537.3
8049	9.6	162847.8	-4528.0
8050	8.0	162854.8	-4553.9
8051	9.6	162914.8	-4526.1
8052	8.8	162924.3	-4544.0
8053	8.8	162929.8	-4519.3
8054	9.5	162937.3	-4520.9
8055	9.6	162955.3	-4515.9

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8056	8.4	162958.8	-4520.3
8057	9.6	163002.8	-4550.1
8058	9.6	163013.3	-4557.1
8059	9.6	163015.3	-4551.1
8060	9.0	163015.8	-4538.1
8061	9.6	163022.3	-4544.0
8062	9.6	163023.3	-4549.9
8063	9.4	163023.8	-4525.1
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8065	9.6	163029.3	-4552.2
8066	9.6	163033.8	-4508.2
8067	9.0	163103.3	-4519.1
8068	9.2	163106.3	-4548.7
8069	9.6	163110.1	-4559.3
8070	9.5	163123.3	-4518.8
8071	8.0	163127.8	-4542.3
8072	9.6	163130.3	-4509.8
8073	9.2	163145.8	-4535.1
8074	9.6	163147.3	-4504.5
8075	9.6	163149.8	-4548.7
8076	9.6	163156.3	-4507.0
8077	9.5	163202.3	-4550.0
8078	9.6	163219.8	-4539.7
8079	9.6	163219.8	-4517.7
8080	9.6	163224.8	-4544.0
8081	9.5	163229.8	-4537.6
8082	9.2	163237.8	-4523.4
8083	9.5	163238.3	-4523.1
8084	9.6	163247.8	-4529.1
8085	7.5	163247.8	-4507.2
8086	9.6	163255.3	-4543.5
8087	9.6	163309.8	-4556.0
8088	9.6	163331.8	-4559.3
8089	8.8	163335.3	-4520.4
8090	9.2	163339.8	-4557.4
8091	7.3	163358.3	-4549.7
8092	9.2	163407.8	-4550.3
8093	9.6	163419.8	-4540.7
8094	9.6	163422.3	-4553.1
8095	9.0	163439.8	-4513.3
8096	9.6	163442.0	-4558.9
8097	9.6	163442.8	-4512.8
8098	9.4	163451.3	-4532.5
8099	9.6	163455.8	-4541.4
8100	8.2	163500.3	-4554.2
8101	9.4	163509.8	-4530.6
8102	9.3	163520.3	-4518.9
8103	9.6	163521.3	-4526.4
8104	9.0	163521.3	-4508.2
8105	9.6	163528.8	-4501.5
8106	9.6	163547.3	-4523.4
8107	8.0	163550.8	-4552.6
8108	8.8	163553.3	-4556.1
8109	9.6	163556.8	-4558.2
8110	9.6	163611.3	-4505.7
8111	9.6	163613.8	-4521.1
8112	9.6	163619.3	-4534.7
8113	8.7	163621.8	-4526.9
8114	9.6	163629.8	-4546.3
8115	9.6	163629.8	-4529.7
8116	9.4	163633.3	-4511.3
8117	9.6	163633.9	-4500.4
8118	9.0	163654.3	-4532.9
8119	9.3	163712.8	-4533.3
8120	9.6	163719.4	-4500.7
8121	9.4	163719.8	-4547.5
8122	9.0	163724.3	-4509.9
8123	8.8	163726.8	-4531.9
8124	9.0	163728.8	-4523.6
8125	9.6	163732.8	-4519.4
8126	9.3	163746.3	-4520.1
8127	8.7	163749.8	-4539.3
8128	9.3	163758.8	-4556.4
8129	9.4	163759.8	-4533.4
8130	9.2	163759.8	-4553.6
8131	8.8	163813.3	-4515.9
8132	9.5	163820.3	-4513.5
8133	9.6	163821.3	-4524.7
8134	7.8	163827.3	-4513.9
8135	9.6	163840.3	-4520.1
8136	8.6	163841.8	-4530.3
8137	9.0	163844.3	-4532.1
8138	7.4	163845.8	-4509.8
8139	9.6	163851.3	-4552.9
8140	9.5	163857.8	-4519.2
8141	9.4	163857.8	-4547.8
8142	7.4	163859.8	-4542.9
8143	9.6	163900.7	-4510.9
8144	9.4	163908.2	-4515.1
8145	9.6	163909.7	-4507.1
8146	8.8	163909.7	-4557.1
8147	9.6	163924.7	-4502.3
8148	9.6	163929.7	-4518.0
8149	9.6	163930.7	-4553.5
8150	9.2	163951.2	-4518.9
8151	9.6	163957.2	-4527.1
8152	9.6	164008.2	-4537.0
8153	9.4	164027.7	-4513.7
8154	9.6	164054.2	-4503.6
8155	8.9	164059.7	-4500.9
8156	9.4	164107.7	-4528.0
8157	9.2	164117.7	-4556.1
8158	9.2	164119.7	-4555.5
8159	9.2	164121.7	-4556.8
8160	9.4	164124.2	-4538.6
8161	9.0	164128.7	-4500.6
8162	9.5	164139.2	-4528.7
8163	9.5	164139.7	-4510.8
8164	8.7	164141.7	-4518.2
8165	9.6	164149.7	-4544.5
8166	9.0	164157.2	-4537.0
8167	9.6	164201.7	-4555.5
8168	8.8	164209.7	-4558.0
8169	9.0	164209.7	-4528.4
8170	9.5	164219.7	-4523.7
8171	9.6	164219.7	-4507.1
8172	9.3	164227.7	-4527.8
8173	9.4	164251.7	-4533.1
8174	9.6	164251.7	-4532.4
8175	8.4	164259.7	-4514.9
8176	9.0	164314.2	-4543.2
8177	9.2	164317.2	-4551.1
8178	9.6	164331.2	-4556.0
8179	9.4	164338.2	-4520.1
8180	9.2	164341.4	-4549.6
8181	9.0	164359.4	-4510.3
8182	8.2	164418.9	-4514.8
8183	9.5	164431.4	-4552.7
8184	9.6	164433.9	-4526.0
8185	9.6	164439.4	-4525.1
8186	8.4	164445.9	-4548.2
8187	9.6	164446.9	-4543.6
8188	9.6	164447.4	-4500.2
8189	9.3	164448.9	-4530.5
8190	9.3	164450.9	-4503.9
8191	8.6	164458.4	-4551.6
8192	9.2	164513.9	-4532.5
8193	9.3	164519.4	-4550.6
8194	9.6	164521.9	-4547.9
8195	9.6	164527.9	-4530.5
8196	9.6	164533.9	-4531.8
8197	9.2	164533.9	-4552.9
8198	9.2	164536.9	-4553.0
8199	9.6	164541.9	-4526.6
8200	8.4	164549.4	-4516.9
8201	9.5	164601.4	-4543.1
8202	9.6	164612.9	-4532.8
8203	8.0	164627.4	-4507.6
8204	9.0	164657.4	-4530.1
8205	8.6	164706.9	-4550.7
8206	9.6	164715.4	-4505.4
8207	9.6	164716.9	-4503.6
8208	9.6	164724.4	-4526.5
8209	9.0	164732.9	-4532.3
8210	9.6	164746.4	-4532.4
8211	8.4	164754.4	-4556.6
8212	9.6	164758.4	-4517.0
8213	9.6	164801.4	-4516.9
8214	9.0	164801.9	-4540.4
8215	8.6	164811.2	-4539.9
8216	8.4	164818.2	-4500.9
8217	9.6	164819.0	-4523.3
8218	9.5	164831.2	-4546.9
8219	8.4	164832.7	-4545.7
8220	9.6	164833.2	-4548.4
8221	9.4	164833.7	-4558.8
8222	8.6	164835.7	-4508.9
8223	9.6	164838.2	-4531.5
8224	9.3	164842.7	-4528.9
8225	8.8	164843.2	-4544.1
8226	9.6	164849.2	-4544.6
8227	7.8	164859.2	-4547.0
8228	8.9	164905.7	-4531.9
8229	8.7	164909.2	-4521.0
8230	7.6	164923.2	-4543.3
8231	9.0	164930.2	-4514.1
8232	9.6	164939.7	-4522.0
8233	9.6	164945.2	-4514.5
8234	8.0	164947.2	-4556.0
8235	8.8	164959.2	-4506.3

-45 8236 16h50m

-45 8595 17h18m

8236	8.8	165010.2	-4510.2	8326	9.8	165830.6	-4511.0	8416	9.3	170649.4	-4531.4	8506	9.8	171341.9	-4549.5
8237	9.6	165010.8	-4545.2	8327	10.0	165853.1	-4516.1	8417	9.9	170650.9	-4505.7	8507	9.6	171342.9	-4542.6
8238	8.4	165018.2	-4541.3	8328	10.0	165857.6	-4520.2	8418	9.6	170653.4	-4526.2	8508	9.0	171342.9	-4557.0
8239	9.6	165020.0	-4512.4	8329	10.0	165913.9	-4559.0	8419	10.0	170658.4	-4528.4	8509	9.1	171347.9	-4544.8
8240	9.5	165029.2	-4507.5	8330	8.9	165916.1	-4531.0	8420	9.6	170701.9	-4544.0	8510	9.3	171350.9	-4520.7
8241	10.0	165029.4	-4519.4	8331	9.3	165924.1	-4505.5	8421	10.0	170720.4	-4508.0	8511	9.2	171354.4	-4552.6
8242	9.8	165030.4	-4508.0	8332	10.0	165925.6	-4558.0	8422	9.5	170721.1	-4558.5	8512	9.9	171355.4	-4531.1
8243	10.0	165038.9	-4546.3	8333	10.0	165932.6	-4535.1	8423	8.6	170721.9	-4552.4	8513	9.3	171403.9	-4551.0
8244	8.7	165049.4	-4530.1	8334	9.6	165932.6	-4533.7	8424	10.0	170725.9	-4517.0	8514	9.9	171406.4	-4530.8
8245	9.8	165051.9	-4519.5	8335	9.3	165934.1	-4548.0	8425	9.6	170732.9	-4555.1	8515	10.0	171420.9	-4521.1
8246	10.0	165108.9	-4508.0	8336	10.0	165936.1	-4552.8	8426	9.6	170735.9	-4549.7	8516	8.2	171423.9	-4505.3
8247	9.8	165112.7	-4557.2	8337	10.0	165938.6	-4533.4	8427	8.6	170737.4	-4541.4	8517	8.2	171425.9	-4518.8
8248	7.6	165125.3	-4515.5	8338	9.6	165939.6	-4537.9	8428	9.8	170737.9	-4521.4	8518	8.6	171427.4	-4558.2
8249	9.4	165132.4	-4539.8	8339	9.8	165940.6	-4534.8	8429	9.8	170740.9	-4525.0	8519	8.7	171431.4	-4502.7
8250	10.0	165135.4	-4528.4	8340	9.9	170002.6	-4523.4	8430	9.6	170759.4	-4528.0	8520	9.3	171431.9	-4534.1
8251	9.5	165158.4	-4530.5	8341	9.9	170015.6	-4520.8	8431	10.0	170801.4	-4509.0	8521	9.9	171432.4	-4517.8
8252	9.4	165200.9	-4527.4	8342	10.0	170020.6	-4512.7	8432	9.5	170806.9	-4519.3	8522	9.4	171450.4	-4539.9
8253	9.0	165202.9	-4501.6	8343	9.8	170023.1	-4542.5	8433	10.0	170810.9	-4510.9	8523	9.6	171456.2	-4559.0
8254	9.6	165205.4	-4541.1	8344	9.8	170024.1	-4544.4	8434	9.8	170811.4	-4510.2	8524	10.0	171456.4	-4552.9
8255	9.0	165208.9	-4515.3	8345	10.0	170036.4	-4507.0	8435	10.0	170815.9	-4548.4	8525	9.6	171457.4	-4514.1
8256	10.0	165213.9	-4524.9	8346	8.3	170040.9	-4528.0	8436	9.4	170822.9	-4524.0	8526	10.0	171500.4	-4554.7
8257	10.0	165215.4	-4518.8	8347	9.8	170042.9	-4521.0	8437	9.0	170823.9	-4532.8	8527	9.6	171500.9	-4534.4
8258	10.0	165218.4	-4540.2	8348	10.0	170043.0	-4507.2	8438	9.6	170824.9	-4506.0	8528	9.5	171503.9	-4501.6
8259	8.3	165220.4	-4504.6	8349	9.2	170045.9	-4538.0	8439	8.8	170838.9	-4508.2	8529	10.0	171510.4	-4525.1
8260	9.8	165225.4	-4551.3	8350	9.4	170055.4	-4515.4	8440	9.0	170845.9	-4544.4	8530	9.0	171511.9	-4504.3
8261	9.3	165232.4	-4533.9	8351	9.6	170115.9	-4533.2	8441	8.2	170852.6	-4557.2	8531	9.6	171513.4	-4529.1
8262	9.0	165234.4	-4504.3	8352	9.8	170118.9	-4525.6	8442	9.6	170857.4	-4550.0	8532	9.8	171514.9	-4531.0
8263	9.4	165235.4	-4551.7	8353	9.8	170119.4	-4527.6	8443	9.4	170857.9	-4506.0	8533	9.8	171517.9	-4505.3
8264	9.6	165250.6	-4501.5	8354	9.6	170120.4	-4556.0	8444	9.8	170904.4	-4534.2	8534	9.8	171520.3	-4554.0
8265	9.0	165254.4	-4503.0	8355	10.0	170126.9	-4503.1	8445	9.6	170908.9	-4553.2	8535	9.9	171520.9	-4505.3
8266	9.6	165304.4	-4529.1	8356	10.0	170129.9	-4504.4	8446	9.8	170909.9	-4512.1	8536	10.0	171526.9	-4508.8
8267	9.3	165304.4	-4558.8	8357	9.6	170137.9	-4556.2	8447	9.4	170909.9	-4553.8	8537	9.3	171530.9	-4509.7
8268	9.5	165304.4	-4528.3	8358	9.5	170148.4	-4541.8	8448	9.6	170910.9	-4547.3	8538	9.8	171537.4	-4519.8
8269	10.0	165305.9	-4541.1	8359	10.0	170212.4	-4533.2	8449	9.8	170922.9	-4537.3	8539	8.5	171545.9	-4546.5
8270	9.4	165314.9	-4515.3	8360	10.0	170230.4	-4534.6	8450	9.6	170926.4	-4545.6	8540	9.8	171546.4	-4549.3
8271	9.4	165318.4	-4506.6	8361	10.0	170233.4	-4520.6	8451	9.1	170932.9	-4557.8	8541	9.8	171546.9	-4551.0
8272	10.0	165334.9	-4534.8	8362	9.1	170240.9	-4523.4	8452	9.9	170940.4	-4504.6	8542	9.6	171549.7	-4558.5
8273	9.6	165343.9	-4531.9	8363	8.0	170240.9	-4542.6	8453	10.0	170940.9	-4505.2	8543	8.8	171550.7	-4558.2
8274	10.0	165351.4	-4512.1	8364	9.6	170241.1	-4500.0	8454	10.0	170940.9	-4549.8	8544	10.0	171550.9	-4548.9
8275	10.0	165357.9	-4502.9	8365	9.5	170243.4	-4548.2	8455	10.0	170949.9	-4545.6	8545	8.6	171552.4	-4521.9
8276	8.2	165400.4	-4513.4	8366	8.8	170243.9	-4508.0	8456	9.8	170949.9	-4544.6	8546	9.4	171556.9	-4511.0
8277	9.3	165405.9	-4527.8	8367	9.1	170253.1	-4502.0	8457	8.6	170951.9	-4522.2	8547	10.0	171558.9	-4508.8
8278	9.0	165430.4	-4520.5	8368	10.0	170309.4	-4547.6	8458	10.0	170959.9	-4511.4	8548	10.0	171559.4	-4508.2
8279	9.6	165433.9	-4530.9	8369	10.0	170314.9	-4525.0	8459	9.8	171010.9	-4505.7	8549	9.0	171600.9	-4504.6
8280	9.8	165440.4	-4529.0	8370	10.0	170315.9	-4509.0	8460	9.4	171012.4	-4507.4	8550	9.6	171609.4	-4509.4
8281	10.0	165453.4	-4514.6	8371	10.0	170347.4	-4557.2	8461	10.0	171014.9	-4509.2	8551	9.6	171614.4	-4554.4
8282	9.8	165455.4	-4541.0	8372	9.6	170348.4	-4526.2	8462	7.5	171018.9	-4530.2	8552	9.6	171616.9	-4538.6
8283	10.0	165500.4	-4514.3	8373	9.6	170348.9	-4539.3	8463	9.8	171020.9	-4550.6	8553	9.6	171616.9	-4515.4
8284	10.0	165508.4	-4528.4	8374	9.5	170350.9	-4543.9	8464	10.0	171027.0	-4557.2	8554	9.6	171629.9	-4538.8
8285	8.2	165509.4	-4503.7	8375	9.8	170354.4	-4543.0	8465	9.0	171031.9	-4513.2	8555	9.8	171631.4	-4526.7
8286	9.6	165510.9	-4502.0	8376	10.0	170355.9	-4521.9	8466	9.3	171032.4	-4553.1	8556	8.1	171631.9	-4509.0
8287	9.2	165525.4	-4531.5	8377	10.0	170420.9	-4539.2	8467	9.9	171041.4	-4541.0	8557	10.0	171633.4	-4503.9
8288	10.0	165529.9	-4533.9	8378	9.0	170421.9	-4517.8	8468	9.4	171054.4	-4558.3	8558	10.0	171635.9	-4515.2
8289	9.1	165532.4	-4519.9	8379	10.0	170428.9	-4537.4	8469	9.5	171104.9	-4500.7	8559	9.9	171643.9	-4511.1
8290	9.4	165533.4	-4555.3	8380	10.0	170435.9	-4531.2	8470	9.6	171109.9	-4530.4	8560	10.0	171645.9	-4538.4
8291	9.8	165536.4	-4525.4	8381	9.6	170439.4	-4541.2	8471	10.0	171120.9	-4540.9	8561	10.0	171645.9	-4517.9
8292	9.3	165536.4	-4524.0	8382	10.0	170450.9	-4530.2	8472	7.8	171123.4	-4554.9	8562	9.4	171646.9	-4558.5
8293	9.6	165552.4	-4544.5	8383	10.0	170458.9	-4534.0	8473	10.0	171124.4	-4541.4	8563	9.8	171646.9	-4521.9
8294	10.0	165552.9	-4531.1	8384	8.2	170500.9	-4510.8	8474	9.3	171130.9	-4547.0	8564	9.8	171653.4	-4549.7
8295	7.2	165558.4	-4519.3	8385	8.5	170500.9	-4552.0	8475	10.0	171134.4	-4518.8	8565	9.1	171654.4	-4520.9
8296	8.8	165606.4	-4558.5	8386	8.7	170505.9	-4517.7	8476	9.0	171134.9	-4541.0	8566	9.6	171655.9	-4529.0
8297	9.6	165612.4	-4536.8	8387	9.6	170510.9	-4502.0	8477	7.6	171140.9	-4517.2	8567	9.2	171657.9	-4552.7
8298	10.0	165619.4	-4532.9	8388	9.4	170511.9	-4548.6	8478	9.3	171148.9	-4530.4	8568	9.3	171702.9	-4536.1
8299	10.0	165622.4	-4514.3	8389	9.8	170522.9	-4506.0	8479	8.0	171151.9	-4551.0	8569	9.8	171703.9	-4532.7
8300	9.9	165622.6	-4559.8	8390	9.6	170524.1	-4500.2	8480	10.0	171151.9	-4513.8	8570	9.4	171706.9	-4503.6
8301	9.1	165627.6	-4558.7	8391	8.5	170526.9	-4518.8	8481	9.9	171158.4	-4535.6	8571	10.0	171711.4	-4557.0
8302	9.4	165636.4	-4555.5	8392	9.8	170527.4	-4516.2	8482	9.6	171209.4	-4506.3	8572	8.9	171722.9	-4524.0
8303	10.0	165642.4	-4554.5	8393	9.2	170527.9	-4510.9	8483	8.9	171209.9	-4535.4	8573	8.9	171727.4	-4538.0
8304	10.0	165650.4	-4547.2	8394	9.4	170534.4	-4550.6	8484	9.6	171211.4	-4514.9	8574	8.9	171729.9	-4529.8
8305	9.8	165652.9	-4556.4	8395	10.0	170535.9	-4525.8	8485	10.0	171220.9	-4537.1	8575	9.6	171730.4	-4519.5
8306	8.5	165709.1	-4552.7	8396	10.0	170540.9	-4546.3	8486	10.0	171221.9	-4535.8	8576	7.1	171730.9	-4542.5
8307	9.6	165710.6	-4528.0	8397	9.6	170542.4	-4523.7	8487	9.3	171229.4	-4520.0	8577	10.0	171733.4	-4500.9
8308	10.0	165710.6	-4501.1	8398	9.8	170542.9	-4510.8	8488	10.0	171229.4	-4558.2	8578	9.4	171733.4	-4556.0
8309	10.0	165712.6	-4515.4	8399	10.0	170542.9	-4533.0	8489	9.0	171235.9	-4536.5	8579	9.6	171735.9	-4545.0
8310	9.9	165718.1	-4519.2	8400	7.5	170553.4	-4543.6	8490	9.2	171235.9	-4516.1	8580	9.2	171738.9	-4543.6
8311	9.0	165722.6	-4558.8	8401	10.0	170553.4	-4557.1	8491	10.0	171235.9	-4514.4	8581	9.1	171740.9	-4539.3
8312	9.6	165728.6	-4525.5	8402	10.0	170605.4	-4533.2	8492	9.8	171245.4	-4527.0	8582	10.0	171744.9	-4504.4
8313	10.0	165734.1	-4532.0	8403	9.9	170606.9	-4532.2	8493	9.8	171246.9	-4527.5	8583	10.0	171750.9	-4536.8
8314	9.8	165739.6	-4507.6	8404	10.0	170610.9	-4534.1	8494	9.4	171247.9	-4528.2	8584	9.6	171756.9	-4532.5
8315	9.3	165740.6	-4536.8	8405	9.9	170611.4	-4552.8	8495	10.0	171250.9	-4511.2	8585	9.8	171758.4	-4501.1
8316	9.6	165743.1	-4530.0	8406	10.0	170616.9	-4538.0	8496	10.0	171251.4	-4515.1	8586	9.8	171759.4	-4517.7
8317	9.6	165744.6	-4555.5	8407	10.0	170620.4	-4554.0	8497	9.6	171303.4	-4505.0	8587	9.8	171800.4	-4558.0
8318	10.0	165750.6	-4555.0	8408	9.6	170621.9	-4545.0	8498	10.0	171304.4	-4508.0	8588	10.0	171800.9	-4506.9
8319	10.0	165750.6	-4523.0	8409	8.9	170622.9	-4536.2	8499	9.8	171305.4	-4507.0	8589	9.9	171801.9	-4548.9
8320	10.0	165805.6	-4538.6	8410	9.6	170630.9	-4513.0	8500	10.0	171311.9	-4505.6	8590	9.6	171808.5	-4531.2
8321	9.5	165807.1	-4556.2	8411	9.4	170630.9	-4511.0	8501	9.8	171313.4	-4504.0	8591	9.9	171808.9	-4552.1
8322	9.8	165818.6	-4538.7	8412	9.8	170633.4	-4526.0	8502	9.8	171317.4	-4556.1	8592	9.5	171817.2	-4558.9
8323	9.0	165822.1	-4521.3	8413	8.8	170638.4	-4545.8	8503	7.5	171334.9	-4529.2	8593	8.8	171817.7	-4533.4
8324	10.0	165824.6	-4549.5	8414	10.0	170640.9	-4528.2	8504	9.5	171340.9	-4541.4	8594	9.8	171819.7	-4526.2
8325	9.8	165829.1	-4531.9	8415	9.8	170642.9	-4554.0	8505	9.6	171341.9	-4528.8	8595	9.6	171820.7	-4514.1

-45 8596 17h18m

8596 9.9 171820.9 -4552.2	8686 9.8 172537.6 -4535.9	8776 9.8 173201.7 -4515.2	8866 9.8 173905.7 -4526.5
8597 10.0 171820.9 -4514.8	8687 9.8 172538.6 -4504.3	8777 9.8 173211.7 -4550.8	8867 9.3 173905.7 -4501.1
8598 9.5 171822.7 -4507.6	8688 9.4 172540.6 -4554.9	8778 9.8 173212.7 -4526.9	8868 9.8 173906.7 -4545.0
8599 9.8 171822.9 -4551.9	8689 9.4 172545.6 -4526.0	8779 8.7 173213.2 -4503.3	8869 9.6 173909.2 -4549.7
8600 9.3 171827.2 -4539.9	8690 9.8 172550.6 -4533.8	8780 9.8 173219.2 -4521.9	8870 9.3 173921.2 -4550.0
8601 8.8 171827.5 -4526.3	8691 9.3 172553.1 -4547.3	8781 9.8 173228.7 -4559.8	8871 9.8 173928.2 -4553.3
8602 10.0 171827.9 -4545.6	8692 9.8 172558.6 -4558.8	8782 9.8 173230.2 -4559.9	8872 9.5 173929.2 -4559.2
8603 8.4 171847.9 -4538.7	8693 8.6 172559.6 -4512.8	8783 9.8 173232.2 -4502.0	8873 9.8 173931.7 -4532.4
8604 9.8 171850.9 -4550.3	8694 9.0 172610.6 -4500.3	8784 9.5 173241.2 -4551.8	8874 8.2 173933.2 -4519.4
8605 10.0 171850.9 -4510.5	8695 9.6 172612.1 -4535.6	8785 9.4 173241.2 -4530.0	8875 9.3 173933.7 -4531.7
8606 9.4 171857.5 -4554.0	8696 9.8 172613.1 -4555.6	8786 9.6 173247.7 -4549.4	8876 9.6 173941.7 -4542.2
8607 9.9 171858.4 -4550.1	8697 9.0 172619.6 -4526.6	8787 9.8 173254.2 -4517.0	8877 9.3 173942.2 -4527.4
8608 9.6 171859.1 -4500.8	8698 9.8 172630.6 -4554.6	8788 8.6 173314.2 -4506.9	8878 9.8 173955.7 -4534.5
8609 8.5 171901.0 -4537.3	8699 9.8 172633.1 -4521.4	8789 9.8 173315.2 -4556.9	8879 9.4 174007.2 -4552.1
8610 9.5 171902.0 -4543.7	8700 9.8 172635.1 -4510.7	8790 9.3 173321.7 -4526.4	8880 9.6 174008.7 -4559.5
8611 9.2 171902.0 -4523.5	8701 9.8 172638.8 -4559.9	8791 9.2 173323.7 -4552.1	8881 8.7 174017.2 -4537.0
8612 9.8 171903.6 -4535.0	8702 9.8 172648.1 -4518.7	8792 9.6 173325.2 -4508.6	8882 9.0 174018.2 -4530.9
8613 9.4 171905.5 -4523.9	8703 9.1 172651.1 -4537.5	8793 9.8 173329.7 -4537.7	8883 9.2 174021.7 -4507.5
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8615 9.8 171910.0 -4537.6	8705 9.8 172659.6 -4532.9	8795 9.6 173340.7 -4530.6	8885 9.8 174040.7 -4523.9
8616 9.5 171911.5 -4547.8	8706 9.4 172700.6 -4527.9	8796 9.8 173341.2 -4511.0	8886 9.3 174045.2 -4552.1
8617 9.6 171915.5 -4536.7	8707 9.8 172713.1 -4506.7	8797 9.8 173347.7 -4528.1	8887 9.8 174055.2 -4543.9
8618 9.8 171916.5 -4511.9	8708 9.8 172716.1 -4506.9	8798 9.8 173348.6 -4500.2	8888 9.6 174104.2 -4536.0
8619 9.8 171921.4 -4531.2	8709 9.2 172725.1 -4512.7	8799 9.8 173350.2 -4559.6	8889 9.5 174105.7 -4559.5
8620 8.8 171923.0 -4512.1	8710 9.4 172744.1 -4546.1	8800 9.8 173351.7 -4543.6	8890 9.3 174110.2 -4528.2
8621 9.6 171941.0 -4556.5	8711 9.3 172745.0 -4557.4	8801 9.8 173355.2 -4523.0	8891 9.8 174125.2 -4528.2
8622 8.8 171947.0 -4507.7	8712 9.8 172747.6 -4537.5	8802 9.6 173358.2 -4525.9	8892 9.6 174131.2 -4530.5
8623 9.8 171949.5 -4556.1	8713 9.3 172754.3 -4530.0	8803 9.5 173402.7 -4504.6	8893 9.3 174139.2 -4528.1
8624 9.8 172006.0 -4550.8	8714 8.4 172755.6 -4549.0	8804 9.2 173405.7 -4506.8	8894 9.6 174151.2 -4549.4
8625 9.8 172008.5 -4556.4	8715 8.0 172802.6 -4504.5	8805 9.8 173410.2 -4527.9	8895 8.8 174151.7 -4534.9
8626 9.3 172011.5 -4513.7	8716 9.8 172802.6 -4520.7	8806 9.6 173410.4 -4558.0	8896 9.3 174200.2 -4518.8
8627 9.8 172012.0 -4509.7	8717 9.8 172809.1 -4557.0	8807 9.6 173411.2 -4551.1	8897 9.3 174202.2 -4521.8
8628 9.5 172030.7 -4557.6	8718 8.5 172811.6 -4543.9	8808 7.2 173421.2 -4554.5	8898 9.6 174205.4 -4500.3
8629 9.6 172031.0 -4516.8	8719 9.5 172817.1 -4544.1	8809 9.6 173421.2 -4539.9	8899 9.5 174206.7 -4555.8
8630 8.6 172039.0 -4536.8	8720 9.8 172819.1 -4554.8	8810 9.8 173431.7 -4507.1	8900 9.4 174210.7 -4554.2
8631 9.8 172054.2 -4500.4	8721 9.6 172819.6 -4548.0	8811 9.4 173433.7 -4530.6	8901 9.8 174214.7 -4520.9
8632 9.4 172100.0 -4522.5	8722 9.8 172820.1 -4532.5	8812 9.5 173435.2 -4526.4	8902 9.8 174214.7 -4537.5
8633 9.4 172102.0 -4535.4	8723 9.8 172820.6 -4547.0	8813 9.8 173435.2 -4514.3	8903 9.8 174216.7 -4507.6
8634 9.5 172110.0 -4549.8	8724 9.2 172821.6 -4510.5	8814 9.6 173435.7 -4557.0	8904 9.8 174219.2 -4553.0
8635 9.3 172111.5 -4510.4	8725 9.3 172823.1 -4531.3	8815 9.3 173438.7 -4525.2	8905 9.4 174221.2 -4558.2
8636 9.8 172112.5 -4545.0	8726 9.0 172830.6 -4520.1	8816 9.8 173438.7 -4522.2	8906 7.7 174230.7 -4533.7
8637 9.8 172113.5 -4517.2	8727 8.9 172839.6 -4513.9	8817 9.8 173443.2 -4529.3	8907 9.3 174234.7 -4541.6
8638 9.8 172115.0 -4511.4	8728 9.4 172841.6 -4541.4	8818 9.8 173446.2 -4540.3	8908 9.6 174236.7 -4526.9
8639 9.8 172132.5 -4515.0	8729 9.1 172843.1 -4506.4	8819 9.8 173447.2 -4521.4	8909 9.8 174239.2 -4529.9
8640 9.6 172135.5 -4518.5	8730 9.8 172845.1 -4529.7	8820 9.4 173450.2 -4505.1	8910 9.8 174239.7 -4533.1
8641 9.1 172140.0 -4536.8	8731 9.8 172853.1 -4555.8	8821 9.2 173459.7 -4511.2	8911 9.3 174241.2 -4526.1
8642 9.6 172142.0 -4536.4	8732 9.8 172901.6 -4504.7	8822 9.5 173500.2 -4522.4	8912 9.8 174243.7 -4551.9
8643 9.6 172144.0 -4505.8	8733 9.8 172904.1 -4550.6	8823 9.8 173501.7 -4536.8	8913 9.8 174245.2 -4506.2
8644 8.6 172156.5 -4547.3	8734 9.3 172906.6 -4508.0	8824 9.8 173511.2 -4536.8	8914 9.6 174247.2 -4517.3
8645 8.9 172200.5 -4537.6	8735 9.8 172906.6 -4535.8	8825 9.6 173514.7 -4540.8	8915 9.8 174249.7 -4517.8
8646 9.6 172203.0 -4513.2	8736 9.8 172911.1 -4525.2	8826 9.8 173519.2 -4518.2	8916 9.8 174251.2 -4550.4
8647 9.6 172208.0 -4515.9	8737 9.8 172921.1 -4526.9	8827 7.3 173527.2 -4559.0	8917 9.6 174252.2 -4552.6
8648 9.8 172208.0 -4538.9	8738 9.6 172926.6 -4538.8	8828 8.9 173528.7 -4541.0	8918 9.8 174259.2 -4548.7
8649 9.8 172210.5 -4532.1	8739 9.8 172926.6 -4540.0	8829 9.8 173542.2 -4555.9	8919 9.5 174302.7 -4523.6
8650 9.6 172212.0 -4511.6	8740 9.0 172931.6 -4508.1	8830 8.0 173546.7 -4507.7	8920 9.8 174304.8 -4552.7
8651 9.8 172216.0 -4519.0	8741 9.8 172936.1 -4504.9	8831 9.8 173548.7 -4515.0	8921 9.3 174308.7 -4553.6
8652 9.8 172218.0 -4543.9	8742 9.1 172938.1 -4526.9	8832 9.8 173550.1 -4500.8	8922 9.8 174308.7 -4525.6
8653 8.4 172229.5 -4526.3	8743 9.8 172939.5 -4558.4	8833 8.7 173553.7 -4508.4	8923 9.3 174310.7 -4553.0
8654 7.3 172233.5 -4556.2	8744 8.2 172940.1 -4540.7	8834 7.8 173602.7 -4534.7	8924 9.6 174315.2 -4512.1
8655 8.4 172241.0 -4559.7	8745 9.8 172953.1 -4505.5	8835 9.3 173606.2 -4533.2	8925 9.6 174325.2 -4544.9
8656 9.6 172242.1 -4554.0	8746 9.8 173000.1 -4506.1	8836 9.8 173610.2 -4531.1	8926 9.8 174326.2 -4542.8
8657 8.9 172244.6 -4553.2	8747 9.8 173007.6 -4519.3	8837 9.8 173611.7 -4553.8	8927 9.8 174335.7 -4502.9
8658 9.8 172244.8 -4540.8	8748 8.7 173011.1 -4548.4	8838 9.8 173615.7 -4555.8	8928 9.8 174344.7 -4529.9
8659 9.3 172258.6 -4542.0	8749 9.3 173011.1 -4549.0	8839 9.8 173616.2 -4556.1	8929 8.8 174353.2 -4543.8
8660 9.6 172300.6 -4557.2	8750 9.8 173021.1 -4522.0	8840 9.8 173620.7 -4540.6	8930 9.2 174406.2 -4523.7
8661 9.8 172300.6 -4548.3	8751 9.5 173025.1 -4554.3	8841 9.3 173632.2 -4542.9	8931 9.8 174408.7 -4514.6
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8663 9.6 172307.1 -4505.9	8753 8.2 173031.1 -4551.2	8843 9.3 173640.7 -4543.0	8933 9.8 174444.2 -4544.9
8664 9.8 172310.6 -4546.0	8754 9.3 173032.1 -4557.3	8844 9.4 173643.2 -4512.0	8934 9.6 174448.7 -4532.8
8665 9.8 172315.1 -4551.1	8755 9.8 173036.6 -4514.8	8845 9.8 173645.2 -4528.9	8935 9.8 174451.7 -4533.8
8666 9.5 172324.6 -4545.3	8756 9.4 173042.1 -4521.0	8846 9.3 173655.7 -4511.6	8936 8.8 174502.4 -4526.2
8667 9.3 172326.1 -4549.0	8757 9.8 173044.1 -4552.8	8847 9.8 173713.7 -4522.0	8937 9.8 174507.1 -4532.6
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8669 9.4 172350.6 -4515.6	8759 9.8 173046.1 -4531.7	8849 9.8 173730.7 -4504.9	8939 9.3 174521.9 -4552.1
8670 9.3 172351.1 -4536.4	8760 9.2 173047.1 -4503.9	8850 9.8 173741.7 -4510.3	8940 9.6 174529.9 -4501.4
8671 9.4 172351.1 -4523.3	8761 9.2 173057.1 -4508.0	8851 9.5 173750.7 -4517.6	8941 9.8 174546.3 -4552.5
8672 9.3 172355.6 -4549.9	8762 9.8 173100.1 -4523.8	8852 9.1 173755.7 -4556.1	8942 9.8 174548.7 -4530.4
8673 7.6 172401.6 -4524.9	8763 9.6 173111.1 -4500.4	8853 9.3 173819.7 -4550.7	8943 9.8 174550.2 -4541.0
8674 8.4 172414.9 -4549.3	8764 9.6 173114.3 -4500.1	8854 7.5 173821.7 -4526.5	8944 9.8 174550.2 -4515.2
8675 8.8 172417.9 -4559.4	8765 9.8 173119.6 -4535.0	8855 9.6 173823.2 -4508.4	8945 8.9 174556.7 -4540.4
8676 9.8 172432.1 -4515.3	8766 9.3 173124.1 -4553.8	8856 9.6 173823.2 -4518.1	8946 9.8 174602.4 -4552.9
8677 9.8 172435.6 -4556.7	8767 9.8 173128.1 -4511.3	8857 9.8 173828.7 -4533.3	8947 9.6 174605.2 -4513.4
8678 9.6 172440.3 -4515.4	8768 9.8 173129.6 -4502.3	8858 9.8 173837.2 -4545.4	8948 9.8 174608.9 -4516.7
8679 9.1 172441.6 -4554.1	8769 9.3 173138.6 -4546.5	8859 9.6 173842.7 -4554.6	8949 9.8 174616.4 -4542.9
8680 8.1 172443.1 -4532.0	8770 9.3 173139.7 -4529.8	8860 9.0 173844.7 -4517.1	8950 8.7 174619.2 -4526.6
8681 9.8 172446.6 -4554.6	8771 9.4 173141.2 -4509.2	8861 9.4 173850.7 -4559.6	8951 9.5 174625.2 -4546.7
8682 9.6 172517.1 -4548.2	8772 9.6 173144.2 -4525.9	8862 9.8 173852.7 -4540.9	8952 9.8 174634.1 -4517.1
8683 9.3 172527.6 -4529.1	8773 9.5 173145.7 -4552.9	8863 9.6 173858.7 -4502.6	8953 8.9 174643.9 -4523.0
8684 8.9 172530.1 -4502.5	8774 9.6 173146.7 -4528.0	8864 9.8 173900.2 -4542.9	8954 9.6 174645.9 -4512.9
8685 9.0 172536.3 -4501.9	8775 9.8 173156.2 -4525.6	8865 9.8 173904.8 -4522.8	8955 7.9 174649.6 -4534.5

-45 8955 17h46m

-45 8956 17h46m

-45 9315 18h20m

8956	9.6	174650.6	-4544.5	9046	10.0	175507.6	-4536.4	9136	9.6	180251.4	-4500.7
8957	10.1	174652.9	-4558.4	9047	9.8	175514.6	-4526.6	9137	10.0	180300.6	-4529.5
8958	8.6	174656.9	-4507.8	9048	8.2	175519.6	-4533.4	9138	10.0	180303.1	-4510.1
8959	9.8	174712.6	-4537.6	9049	10.0	175524.1	-4501.0	9139	10.1	180307.1	-4533.0
8960	9.2	174713.6	-4533.8	9050	9.8	175529.1	-4517.8	9140	9.6	180309.6	-4532.1
8961	10.1	174719.6	-4528.4	9051	10.1	175533.1	-4504.7	9141	9.6	180319.6	-4554.0
8962	9.6	174729.6	-4553.5	9052	8.7	175534.6	-4535.0	9142	10.0	180323.6	-4540.3
8963	10.0	174730.6	-4520.9	9053	10.1	175535.6	-4549.9	9143	10.1	180327.1	-4542.3
8964	10.1	174735.1	-4548.8	9054	10.1	175607.6	-4526.4	9144	9.0	180328.6	-4543.5
8965	9.6	174739.1	-4553.1	9055	9.8	175608.6	-4512.3	9145	9.0	180330.6	-4516.2
8966	9.3	174740.6	-4540.4	9056	9.8	175611.1	-4537.8	9146	9.4	180331.1	-4530.5
8967	10.0	174751.6	-4511.9	9057	9.8	175611.6	-4542.1	9147	8.4	180346.1	-4541.6
8968	10.1	174756.1	-4544.8	9058	9.5	175628.1	-4536.8	9148	9.6	180347.6	-4539.5
8969	9.0	174800.6	-4515.0	9059	9.8	175630.6	-4549.9	9149	8.9	180350.6	-4528.9
8970	10.1	174807.6	-4542.9	9060	10.1	175635.1	-4523.0	9150	9.2	180352.1	-4543.7
8971	9.6	174811.6	-4508.9	9061	9.5	175639.6	-4513.5	9151	9.6	180354.9	-4558.9
8972	10.1	174812.1	-4518.4	9062	10.0	175641.6	-4548.0	9152	9.6	180355.1	-4557.9
8973	8.6	174819.6	-4555.5	9063	9.0	175645.6	-4546.6	9153	9.6	180358.1	-4520.7
8974	9.8	174821.1	-4513.9	9064	10.0	175647.6	-4524.0	9154	10.1	180405.6	-4530.1
8975	10.1	174832.1	-4509.3	9065	9.6	175650.6	-4535.2	9155	10.1	180408.6	-4525.6
8976	10.1	174835.6	-4540.0	9066	10.1	175708.1	-4532.9	9156	9.8	180413.6	-4503.8
8977	10.0	174839.1	-4526.8	9067	9.0	175709.6	-4514.4	9157	10.0	180418.1	-4553.0
8978	9.6	174840.1	-4531.8	9068	10.0	175718.6	-4540.2	9158	9.2	180419.6	-4522.2
8979	10.1	174841.1	-4555.2	9069	9.6	175719.1	-4549.8	9159	10.1	180423.1	-4556.9
8980	9.5	174845.1	-4531.9	9070	9.4	175723.1	-4516.9	9160	8.9	180439.6	-4501.3
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8982	9.3	174857.6	-4511.8	9072	9.5	175733.1	-4504.9	9162	9.4	180500.9	-4558.8
8983	10.0	174907.1	-4525.6	9073	9.5	175733.6	-4506.0	9163	9.6	180504.1	-4533.4
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8987	10.0	174924.1	-4511.5	9077	10.0	175744.9	-4557.1	9167	9.6	180513.6	-4524.5
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-45 9316 18h21m

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9359 10.4 182615.2 -4522.5	9449 9.9 183550.9 -4519.3	9539 10.2 184738.0 -4542.2	9629 10.4 190201.1 -4538.7
9360 10.2 182630.2 -4540.2	9450 10.4 183603.9 -4526.8	9540 10.4 184757.5 -4528.0	9630 10.4 190201.7 -4529.0
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9362 9.6 182636.2 -4519.6	9452 10.2 183618.9 -4518.4	9542 10.4 184818.0 -4541.[illegible]	9632 9.8 190215.6 -4531.8
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-45 9675 19h09m

9676	9.4	190932.6	-4539.9	9766	9.6	193103.7	-4557.5	9856	10.3	195532.6	-4519.5
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9678	9.8	191004.9	-4501.7	9768	10.1	193147.3	-4501.9	9858	10.0	195539.6	-4533.9
9679	10.3	191008.6	-4554.9	9769	9.3	193153.0	-4556.8	9859	7.9	195540.6	-4517.7
9680	9.7	191013.3	-4559.2	9770	10.1	193159.2	-4504.1	9860	9.5	195550.6	-4505.8
9681	10.1	191029.8	-4505.8	9771	9.9	193237.7	-4513.8	9861	10.2	195624.1	-4500.6
9682	9.8	191035.8	-4509.2	9772	8.7	193250.2	-4510.9	9862	10.0	195630.6	-4504.7
9683	9.9	191038.8	-4552.0	9773	8.6	193330.7	-4536.0	9863	10.0	195651.6	-4545.0
9684	10.1	191041.9	-4524.3	9774	9.2	193334.2	-4508.8	9864	9.8	195658.1	-4550.1
9685	9.8	191109.3	-4507.5	9775	9.2	193342.7	-4518.8	9865	10.2	195711.6	-4538.1
9686	9.9	191121.8	-4505.7	9776	10.1	193355.7	-4521.8	9866	8.1	195714.1	-4519.8
9687	10.1	191121.8	-4541.6	9777	10.1	193358.7	-4516.8	9867	10.2	195743.1	-4525.8
9688	10.1	191129.8	-4542.5	9778	9.6	193402.2	-4520.0	9868	10.3	195750.6	-4500.4
9689	9.4	191137.3	-4553.0	9779	9.8	193410.7	-4549.9	9869	10.3	195758.1	-4515.0
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9691	10.1	191200.3	-4547.6	9781	10.1	193452.6	-4559.7	9871	9.6	195816.1	-4554.4
9692	10.0	191229.3	-4558.5	9782	8.7	193500.9	-4523.0	9872	9.6	195837.6	-4556.5
9693	10.0	191235.8	-4507.6	9783	10.0	193532.9	-4544.1	9873	10.2	195855.1	-4551.0
9694	10.1	191253.3	-4512.8	9784	9.9	193549.4	-4515.8	9874	10.0	195856.1	-4543.6
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9699	9.9	191338.8	-4542.2	9789	10.3	193806.5	-4532.9	9879	8.9	195954.6	-4547.2
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9717	9.0	191811.8	-4527.9	9807	10.0	194220.5	-4518.1	9897	9.6	200430.6	-4527.9
9718	8.7	191817.3	-4517.1	9808	8.9	194239.0	-4529.7	9898	7.4	200445.2	-4557.8
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9754	10.1	192834.6	-4513.6	9844	10.2	195301.6	-4546.7	9934	10.5	201718.1	-4519.8
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9756	8.4	192904.1	-4526.9	9846	9.5	195315.6	-4529.8	9936	10.5	201825.2	-4535.3
9757	10.1	192937.2	-4554.6	9847	7.4	195345.1	-4532.2	9937	9.5	201827.1	-4512.0
9758	10.1	192941.7	-4517.1	9848	9.2	195410.6	-4511.5	9938	10.5	201829.6	-4523.1
9759	9.8	192946.7	-4532.2	9849	9.6	195427.6	-4556.6	9939	8.2	201833.6	-4509.8
9760	7.5	193019.2	-4542.3	9850	8.9	195435.6	-4513.3	9940	9.6	201905.6	-4516.9
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-4510036 20h42m

-4510395 23h04m

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10348	9.6	224459.6	-4553.9								
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10350	8.5	224519.6	-4537.8								
10351	8.0	224545.6	-4531.2								
10352	7.3	224559.6	-4548.7								
10353	9.6	224609.6	-4522.7								
10354	9.6	224611.4	-4557.1								
10355	8.0	224620.6	-4532.2								
10356	9.6	224631.6	-4522.6								
10357	9.2	224633.1	-4546.8								
10358	9.6	224642.9	-4500.1								
10359	9.1	224716.1	-4538.0								
10360	9.5	224740.6	-4540.8								
10361	9.6	224743.1	-4558.0								
10362	9.4	224829.6	-4525.3								
10363	9.4	224946.1	-4553.3								
10364	8.2	224950.9	-4524.3								
10365	8.3	225027.6	-4545.5								
10366	7.3	225045.3	-4549.5								
10367	9.6	225049.3	-4524.1								
10368	9.2	225104.3	-4508.7								
10369	9.6	225118.3	-4523.0								
10370	9.6	225135.0	-4501.1								
10371	6.6	225203.4	-4551.6								
10372	9.2	225255.9	-4513.6								
10373	8.2	225259.9	-4536.4								
10374	8.8	225349.9	-4518.1								
10375	7.4	225358.4	-4552.5								
10376	8.6	225427.4	-4539.6								
10377	8.9	225428.9	-4520.0								
10378	6.9	225439.4	-4530.6								
10379	9.6	225448.9	-4527.7								
10380	6.7	225519.4	-4558.6								
10381	9.0	225532.4	-4557.2								
10382	9.5	225614.9	-4516.6								
10383	8.0	225619.4	-4528.2								
10384	8.6	225644.4	-4516.0								
10385	9.0	225729.9	-4543.8								
10386	9.0	225824.4	-4520.3								
10387	9.3	225844.4	-4507.8								
10388	9.5	225900.9	-4519.2								
10389	8.2	225910.4	-4514.0								
10390	9.3	230122.4	-4511.5								
10391	9.4	230212.9	-4519.3								
10392	9.6	230234.8	-4541.5								
10393	5.6	230316.8	-4555.4								
10394	9.4	230354.3	-4517.1								
10395	7.4	230449.3	-4524.0								

10396	8.4	230449.3	-4548.7	10486	8.5	234713.3	-4538.0	58	9.8	03220.5	-4645.4
10397	9.6	230501.3	-4526.3	10487	9.2	234715.3	-4514.4	59	9.6	03221.5	-4610.2
10398	9.2	230528.8	-4505.8	10488	8.6	234720.3	-4549.1	60	7.2	03230.5	-4635.5
10399	9.2	230549.3	-4525.8	10489	9.8	234730.3	-4504.5	61	9.6	03340.5	-4648.5
10400	9.5	230551.3	-4550.2	10490	9.4	234740.8	-4557.2	62	9.8	03440.5	-4639.8
10401	9.0	230554.3	-4508.0	10491	10.2	234840.8	-4535.0	63	6.0	03524.5	-4646.3
10402	9.6	230609.8	-4541.1	10492	10.2	234926.3	-4530.6	64	8.2	03624.5	-4614.1
10403	9.0	230630.8	-4544.8	10493	9.8	234940.7	-4502.2	65	8.8	03654.5	-4658.3
10404	9.6	230709.8	-4530.5	10494	10.2	235005.3	-4516.2	66	8.6	03700.5	-4628.2
10405	9.6	230800.3	-4527.3	10495	8.8	235007.3	-4524.8	67	9.0	03759.8	-4633.8
10406	9.3	230813.3	-4536.3	10496	10.2	235037.8	-4500.0	68	8.9	03830.8	-4639.9
10407	8.8	230914.8	-4514.0	10497	9.4	235040.3	-4512.0	69	9.8	03901.3	-4611.5
10408	7.0	230941.3	-4510.2	10498	9.8	235041.8	-4532.7	70	9.8	03924.3	-4628.8
10409	9.5	230959.3	-4504.0	10499	8.6	235105.3	-4507.7	71	9.8	03935.8	-4620.8
10410	7.6	231030.3	-4554.9	10500	10.2	235230.3	-4553.1	72	9.3	04009.8	-4612.0
10411	9.5	231108.8	-4540.0	10501	10.2	235230.9	-4558.9	73	9.8	04038.1	-4603.3
10412	9.2	231125.3	-4519.5	10502	9.8	235242.3	-4535.3	74	9.8	04116.1	-4605.1
10413	9.6	231306.3	-4528.2	10503	9.8	235259.8	-4509.0	75	9.2	04131.3	-4659.6
10414	9.6	231312.8	-4508.2	10504	9.4	235355.8	-4500.9	76	9.8	04148.8	-4656.9
10415	9.2	231417.3	-4541.6	10505	9.2	235507.3	-4546.9	77	9.8	04219.3	-4637.4
10416	7.9	231433.3	-4535.6	10506	10.0	235555.0	-4557.6	78	9.2	04230.1	-4624.4
10417	9.6	231449.3	-4537.3	10507	9.6	235559.8	-4545.9	79	9.6	04234.4	-4610.6
10418	8.4	231733.3	-4550.2	10508	9.8	235641.3	-4556.4	80	10.2	04349.9	-4657.1
10419	9.6	231751.1	-4539.8	10509	10.2	235650.8	-4503.9	81	10.2	04411.9	-4600.8
10420	9.4	231806.3	-4512.0	10510	8.0	235732.9	-4559.1	82	8.8	04417.4	-4637.2
10421	9.5	231807.9	-4500.1	10511	9.2	235745.0	-4501.1	83	10.0	04422.9	-4637.4
10422	8.8	231813.5	-4546.9	10512	10.0	235752.7	-4514.2	84	9.6	04513.4	-4625.2
10423	9.9	231825.7	-4552.2	10513	9.2	235752.8	-4530.6	85	9.4	04549.4	-4619.6
10424	9.9	231927.5	-4526.5	10514	10.2	235801.0	-4524.0	86	8.8	04647.8	-4602.1
10425	9.2	232050.0	-4507.8	10515	9.4	235812.2	-4500.0	87	9.5	04659.2	-4657.2
10426	8.8	232125.0	-4508.3	10516	9.4	235913.2	-4507.2	88	7.8	04733.4	-4611.1
10427	9.7	232139.6	-4516.5	10517	10.0	235930.7	-4549.9	89	9.4	04738.4	-4600.0
10428	7.1	232211.1	-4511.2	10518	9.6	235944.7	-4508.1	90	9.4	04739.9	-4649.9
10429	9.8	232352.1	-4533.1	1	9.2	00029.5	-4633.5	91	9.4	04759.4	-4605.6
10430	9.8	232359.6	-4504.0	2	10.0	00046.0	-4651.4	92	9.8	04833.9	-4634.0
10431	6.7	232439.1	-4531.8	3	9.6	00054.5	-4636.3	93	10.2	05006.4	-4649.9
10432	9.4	232457.6	-4530.7	4	8.6	00141.0	-4604.6	94	10.2	05042.4	-4643.7
10433	9.6	232508.1	-4507.7	5	9.8	00157.5	-4636.3	95	9.0	05054.4	-4634.5
10434	9.9	232518.6	-4539.6	6	10.0	00244.5	-4630.0	96	10.2	05228.9	-4654.8
10435	6.6	232553.1	-4548.7	7	5.7	00304.0	-4626.1	97	10.2	05251.9	-4603.5
10436	9.8	232611.6	-4529.4	8	10.2	00342.5	-4630.9	98	8.6	05405.9	-4635.3
10437	9.2	232616.6	-4518.4	9	10.0	00505.5	-4655.9	99	9.4	05432.4	-4625.1
10438	9.9	232704.1	-4532.4	10	8.8	00544.5	-4625.3	100	8.9	05458.4	-4613.9
10439	9.4	232705.6	-4544.4	11	9.2	00626.5	-4631.4	101	10.2	05511.9	-4610.6
10440	9.8	232713.1	-4556.0	12	9.4	00710.0	-4657.5	102	10.2	05528.9	-4638.6
10441	9.9	232842.1	-4545.8	13	10.2	00729.0	-4600.1	103	10.2	05558.9	-4639.9
10442	9.2	232850.6	-4513.2	14	7.5	00828.5	-4643.7	104	7.4	05603.4	-4613.3
10443	9.4	232904.1	-4528.9	15	9.2	00848.5	-4640.3	105	10.0	05710.9	-46 4.8
10444	9.8	232939.6	-4549.7	16	10.0	00857.0	-4644.6	106	8.6	05728.4	-46 3.2
10445	9.8	232944.1	-4537.3	17	10.2	00904.0	-4644.3	107	10.2	05805.0	-46 8.2
10446	9.9	232944.6	-4553.9	18	10.0	00910.0	-4657.2	108	9.5	05839.4	-46 3.4
10447	7.0	232949.6	-4534.9	19	8.0	00927.5	-4656.1	109	10.2	05841.0	-46 7.0
10448	9.2	233050.1	-4537.3	20	9.4	00954.5	-4634.3	110	9.8	05923.5	-46 6.2
10449	9.9	233059.5	-4520.0	21	8.6	01016.5	-4618.1	111	8.6	05948.0	-4616.6
10450	9.9	233100.6	-4552.2	22	9.4	01140.5	-4625.2	112	9.5	10024.5	-4601.0
10451	9.9	233119.5	-4551.3	23	9.0	01150.0	-4627.4	113	8.4	10100.0	-4635.2
10452	9.9	233127.0	-4556.8	24	10.2	01216.1	-4647.6	114	9.5	10143.5	-4638.9
10453	9.0	233143.2	-4557.3	25	9.6	01229.6	-4641.5	115	10.2	10148.5	-4627.4
10454	8.5	233200.5	-4556.7	26	9.0	01229.6	-4646.6	116	9.4	10219.5	-4609.0
10455	9.0	233253.5	-4539.8	27	10.2	01349.3	-4626.0	117	10.0	10224.5	-4643.7
10456	9.9	233319.0	-4536.7	28	9.2	01406.8	-4624.3	118	10.2	10300.0	-4636.6
10457	9.0	233328.5	-4544.0	29	10.2	01509.1	-4624.9	119	9.4	10323.5	-4617.0
10458	9.2	233415.5	-4527.7	30	8.8	01633.0	-4658.7	120	8.2	10400.0	-4656.0
10459	9.8	233442.0	-4523.6	31	8.9	01650.5	-4610.7	121	8.4	10601.0	-4607.8
10460	9.8	233503.5	-4504.8	32	9.3	01720.0	-4618.8	122	8.7	10613.5	-4634.4
10461	8.0	233638.5	-4551.1	33	9.8	01748.0	-4616.4	123	10.2	10659.5	-4659.2
10462	6.8	233719.0	-4546.7	34	9.8	01855.8	-4602.7	124	9.5	10714.5	-4618.8
10463	9.9	233727.0	-4559.0	35	9.8	01950.0	-4613.9	125	10.2	10849.0	-4609.4
10464	9.9	233734.3	-4559.7	36	9.8	02003.0	-4606.9	126	9.4	10912.5	-4628.0
10465	9.2	233740.5	-4508.8	37	9.8	02017.0	-4649.0	127	6.1	10933.5	-4611.9
10466	9.9	233801.5	-4505.7	38	9.8	02101.0	-4636.6	128	10.2	10935.0	-4635.6
10467	8.2	233809.0	-4556.4	39	9.0	02129.0	-4654.5	129	9.2	11001.5	-4629.3
10468	9.7	233843.5	-4542.3	40	9.2	02214.0	-4607.0	130	9.8	11007.2	-4606.3
10469	8.8	233908.0	-4520.6	41	8.2	02215.0	-4633.4	131	10.2	11210.0	-4604.9
10470	9.8	233926.0	-4548.0	42	9.8	02300.0	-4632.9	132	8.1	11216.5	-4649.9
10471	9.4	233949.0	-4526.6	43	8.0	02313.5	-4621.9	133	10.2	11228.0	-4625.9
10472	9.9	233955.0	-4505.7	44	9.8	02318.0	-4634.7	134	9.2	11232.0	-4600.6
10473	7.7	233956.5	-4531.3	45	9.8	02320.0	-4602.8	135	10.2	11311.5	-4653.0
10474	8.2	234007.5	-4545.1	46	9.4	02323.5	-4643.7	136	8.6	11325.0	-4648.6
10475	9.2	234028.0	-4529.0	47	9.8	02324.5	-4648.9	137	10.2	11407.0	-4626.7
10476	9.0	234225.0	-4542.1	48	9.6	02344.5	-4636.6	138	8.6	11423.5	-4606.9
10477	9.9	234235.0	-4534.9	49	9.6	02355.5	-4653.2	139	10.2	11439.5	-4638.0
10478	9.6	234250.5	-4518.1	50	9.8	02415.5	-4627.4	140	10.2	11441.5	-4652.3
10479	9.7	234259.0	-4519.1	51	8.0	02520.5	-4635.5	141	10.2	11442.5	-4604.5
10480	9.4	234509.7	-4526.6	52	9.8	02529.7	-4658.4	142	9.4	11459.0	-4616.9
10481	9.0	234517.8	-4512.0	53	7.6	02824.0	-4606.9	143	8.8	11557.0	-4624.6
10482	9.4	234604.2	-4511.6	54	9.2	02935.5	-4626.7	144	7.6	11646.5	-4652.6
10483	8.8	234634.2	-4518.9	55	9.8	03035.5	-4658.1	145	9.8	11719.5	-4657.2
10484	9.8	234648.7	-4517.1	56	9.8	03134.5	-4623.1	146	8.4	11910.0	-4622.3
10485	9.0	234654.3	-4520.7	57	9.8	03201.5	-4614.7	147	10.2	11929.0	-4613.7
								148	8.6	11940.0	-4615.7
								149	8.8	11951.0	-4634.6
								150	8.4	11951.0	-4635.6
								151	9.8	12013.0	-4616.1
								152	8.2	12039.0	-4632.6
								153	9.8	12115.0	-4625.9
								154	7.4	12208.5	-4629.7
								155	7.2	12214.5	-4648.1
								156	9.2	12225.0	-4653.1
								157	10.2	12441.0	-4626.0
								158	10.2	12445.0	-4614.7
								159	10.2	12453.0	-4633.1
								160	10.2	12525.0	-4614.6
								161	6.3	12620.0	-4613.2
								162	9.0	12633.0	-4632.5
								163	9.0	12713.5	-4646.6
								164	9.0	12735.0	-4633.4
								165	10.2	12853.0	-4627.0
								166	7.2	12902.0	-4620.0
								167	9.8	12932.5	-4612.4
								168	8.6	13209.7	-4618.8
								169	9.2	13229.4	-4656.9
								170	7.2	13249.7	-4643.2
								171	10.2	13300.7	-4612.4
								172	8.6	13316.2	-4616.0
								173	8.1	13344.7	-4624.6
								174	10.2	13346.2	-4637.8
								175	10.2	13448.7	-4602.3
								176	9.0	13554.2	-4602.1
								177	8.6	13619.2	-4603.1
								178	7.7	13624.2	-4638.4
								179	9.0	13719.7	-4602.6
								180	10.2	13748.2	-4655.0
								181	10.2	13751.7	-4616.5
								182	9.6	13855.7	-4614.9
								183	8.2	13912.8	-4614.5
								184	9.4	14004.3	-4641.5
								185	7.7	14231.3	-4652.9
								186	9.2	14235.3	-4640.8
								187	8.4	14240.3	-4620.4
								188	10.0	14255.7	-4621.3
								189	9.2	14544.9	-4616.2
								190	7.4	14620.4	-4605.4
								191	8.2	14648.4	-4623.2
								192	10.0	14734.4	-4606.4
								193	9.2	14739.4	-4623.8
								194	10.0	14739.4	-4649.4
								195	6.3	14838.9	-4655.0
								196	8.4	14918.0	-4635.0
								197	10.0	15059.5	-4610.8
								198	10.0	15110.5	-4614.3
								199	8.6	15439.5	-4652.2
								200	9.2	15449.5	-4610.9
								201	9.6	15659.5	-4619.7
								202	7.4	15712.5	-4626.2
								203	10.0	15726.0	-4648.0
								204	7.4	15854.3	-4601.0
								205	8.5	15910.3	-4658.7
								206	9.2	15940.0	-4641.3
								207	9.4	20059.5	-4658.1
								208	8.6	20123.5	-4617.5
								209	10.0	20159.5	-4610.5
								210	8.9	20330.9	-4658.1
								211	8.4	20409.6	-4657.7
								212	9.0	20439.1	-4616.1
								213	6.8	20439.8	-4603.5
								214	8.9	20442.1	-4618.9
								215	8.8	20444.1	-4635.9
								216	8.6	20523.9	-4612.9
								217	7.6	20536.5	-4602.3
								218	10.0	20536.7	-4651.9
								219	9.2	20622.0	-4638.4
								220	10.0	20742.9	-4652.0
								221	9.6	20950.7	-4637.6
								222	10.0	21115.2	-4650.2
								223	10.0	21131.9	-4628.2
								224	9.6	21211.7	-4617.5
								225	9.8	21405.7	-4650.9
								226	10.0	21409.2	-4602.7
								227	10.0	21430.7	-4633.7
								228	8.8	21439.7	-4614.4
								229	8.6	21626.2	-4603.0
								230	10.0	21708.7	-4639.1
								231	9.8	21819.2	-4605.4
								232	10.0	21926.2	-4607.2
								233	10.0	21938.9	-4617.1
								234	8.6	22150.2	-4600.0
								235	7.9	22204.2	-4633.7
								236	9.2	22329.2	-4640.5
								237	9.6	22450.7	-4649.4

-46 238 2h25m

-46 597 5h31m

238	9.6	22524.2	-4616.8	328	9.8	32549.3	-4637.7	418	10.4	41748.0	-4641.6	508	9.3	45240.1	-4638.7
239	8.4	22619.2	-4613.4	329	9.2	32641.1	-4621.4	419	10.4	41809.0	-4612.8	509	9.6	45249.0	-4644.2
240	7.4	22737.7	-4625.3	330	9.2	32744.2	-4604.4	420	9.8	41854.0	-4639.8	510	8.6	45310.0	-4643.7
241	9.0	22819.2	-4642.3	331	9.6	33025.5	-4605.2	421	10.4	41911.5	-4647.0	511	9.8	45314.0	-4624.4
242	9.4	22849.5	-4657.2	332	9.8	33115.4	-4623.0	422	10.4	41936.5	-4624.8	512	9.7	45319.5	-4608.3
243	10.0	22959.2	-4620.5	333	9.9	33141.0	-4603.6	423	9.6	42029.0	-4616.3	513	8.5	45327.5	-4652.9
244	9.4	23117.5	-4605.2	334	9.7	33251.5	-4623.2	424	7.2	42034.0	-4655.9	514	9.8	45444.5	-4611.0
245	8.6	23133.7	-4648.0	335	8.8	33315.0	-4642.8	425	10.4	42146.8	-4630.1	515	9.6	45454.5	-4627.9
246	9.4	23310.5	-4609.6	336	8.8	33402.5	-4629.0	426	10.4	42159.0	-4627.4	516	9.4	45610.0	-4638.7
247	9.2	23358.8	-4620.1	337	8.0	33425.0	-4639.0	427	10.4	42211.8	-4605.2	517	9.9	45620.3	-4621.7
248	9.6	23510.3	-4619.5	338	9.7	33442.7	-4600.7	428	8.8	42310.3	-4627.0	518	8.4	45702.5	-4650.3
249	9.8	23537.6	-4627.3	339	9.6	33442.9	-4602.2	429	9.0	42349.4	-4652.1	519	8.8	45721.0	-4635.5
250	9.8	23550.6	-4629.7	340	9.2	33457.5	-4610.8	430	9.8	42358.5	-4615.8	520	9.9	45721.0	-4628.1
251	9.5	23604.1	-4638.9	341	9.7	33616.5	-4632.4	431	9.8	42500.8	-4608.7	521	8.0	45739.5	-4607.1
252	9.2	23625.1	-4630.5	342	9.8	33631.0	-4643.2	432	8.8	42526.8	-4648.4	522	8.6	45746.5	-4612.1
253	8.3	23714.1	-4608.2	343	7.0	33809.0	-4621.4	433	6.9	42538.8	-4647.3	523	9.8	45752.0	-4603.6
254	9.1	23903.7	-4658.2	344	6.3	33827.0	-4610.7	434	9.8	42551.8	-4606.6	524	8.4	45849.5	-4641.9
255	9.4	23933.1	-4655.2	345	9.6	33859.0	-4632.9	435	9.8	42612.3	-4641.3	525	9.9	45905.5	-4610.6
256	7.7	24048.1	-4648.8	346	9.4	33958.5	-4613.7	436	9.8	42623.3	-4648.5	526	8.8	50021.8	-4629.1
257	8.2	24120.1	-4607.9	347	9.9	34005.0	-4619.8	437	9.8	42657.3	-4621.3	527	9.6	50022.3	-4655.8
258	9.5	24150.1	-4643.4	348	8.2	34045.5	-4619.2	438	9.3	42703.8	-4647.5	528	9.7	50156.8	-4639.2
259	7.7	24426.1	-4652.1	349	9.6	34046.0	-4649.8	439	8.8	42717.8	-4616.2	529	9.9	50223.5	-4612.1
260	9.8	24431.1	-4634.3	350	9.9	34047.8	-4618.6	440	9.0	42726.8	-4648.4	530	9.9	50243.8	-4608.4
261	9.4	24540.1	-4643.1	351	9.4	34220.0	-4634.7	441	8.4	42827.8	-4603.9	531	9.4	50304.3	-4630.4
262	7.7	24646.1	-4630.5	352	9.3	34250.0	-4635.6	442	8.8	42851.3	-4618.9	532	9.3	50315.3	-4646.6
263	9.5	24804.1	-4636.9	353	8.5	34251.5	-4613.4	443	9.7	42909.8	-4615.8	533	9.0	50416.8	-4655.2
264	8.8	24819.1	-4620.1	354	9.5	34402.0	-4628.2	444	9.8	42939.8	-4642.8	534	8.4	50419.8	-4626.1
265	9.5	25001.6	-4600.5	355	9.9	34510.0	-4603.0	445	9.8	43009.8	-4641.4	535	9.9	50422.8	-4648.9
266	8.8	25057.1	-4642.7	356	9.9	34555.0	-4613.8	446	9.8	43036.8	-4611.0	536	9.2	50426.8	-4615.6
267	9.8	25212.6	-4613.1	357	9.7	34614.0	-4612.0	447	9.0	43219.8	-4636.5	537	9.4	50518.8	-4627.8
268	9.4	25230.6	-4617.4	358	9.7	34657.5	-4649.0	448	8.8	43244.8	-4631.7	538	9.9	50552.3	-4612.6
269	8.6	25236.1	-4648.7	359	9.8	34701.5	-4617.2	449	9.8	43254.8	-4631.6	539	8.8	50630.8	-4650.0
270	9.8	25248.6	-4646.8	360	9.9	34708.0	-4653.3	450	9.6	43309.8	-4631.3	540	8.8	50700.3	-4624.4
271	8.5	25327.6	-4610.2	361	9.7	34729.9	-4601.0	451	9.8	43428.3	-4649.5	541	9.4	50740.8	-4607.1
272	9.6	25459.1	-4606.7	362	9.8	34743.5	-4620.4	452	9.8	43453.3	-4651.7	542	9.0	50741.8	-4655.0
273	9.8	25557.1	-4620.7	363	8.8	34749.0	-4613.8	453	9.4	43519.8	-4650.6	543	9.7	50805.8	-4605.4
274	9.8	25610.1	-4653.5	364	8.0	34755.0	-4632.2	454	9.4	43559.8	-4619.7	544	9.3	50854.3	-4635.0
275	9.4	25633.6	-4643.7	365	8.8	34829.0	-4657.3	455	8.5	43639.3	-4632.0	545	9.6	50911.8	-4625.0
276	9.8	25904.2	-4636.9	366	9.9	34844.5	-4648.8	456	9.2	43641.3	-4621.1	546	9.8	50938.8	-4648.8
277	9.8	30003.3	-4606.8	367	9.9	34900.0	-4621.0	457	9.4	43655.3	-4644.6	547	8.8	51006.3	-4640.2
278	9.8	30040.5	-4617.3	368	9.6	34924.0	-4651.8	458	7.8	43706.8	-4602.1	548	9.8	51009.3	-4608.6
279	9.8	30134.5	-4640.4	369	9.9	34926.5	-4638.0	459	9.7	43744.3	-4632.1	549	9.4	51120.3	-4606.3
280	9.8	30238.5	-4606.3	370	9.9	34935.0	-4609.8	460	9.7	43809.3	-4653.8	550	9.9	51145.3	-4601.6
281	9.8	30239.5	-4639.9	371	9.4	34950.0	-4622.4	461	9.7	43809.8	-4616.8	551	9.9	51232.5	-4618.8
282	9.4	30245.5	-4622.4	372	9.0	35010.0	-4638.5	462	9.8	43815.3	-4645.5	552	7.1	51303.8	-4603.2
283	9.0	30317.0	-4628.4	373	7.3	35043.8	-4647.1	463	9.7	43816.8	-4646.5	553	9.6	51317.3	-4633.0
284	9.8	30351.0	-4624.0	374	9.6	35053.3	-4608.7	464	9.8	43817.3	-4630.4	554	9.9	51344.8	-4614.1
285	8.4	30509.0	-4621.7	375	9.6	35112.3	-4603.7	465	9.8	43817.3	-4634.9	555	8.8	51449.3	-4624.5
286	8.7	30622.5	-4649.3	376	9.2	35144.3	-4639.7	466	9.6	43826.8	-4623.9	556	9.9	51450.8	-4606.2
287	8.9	30624.5	-4633.9	377	9.6	35206.3	-4634.7	467	9.7	43831.3	-4631.0	557	9.4	51451.3	-4654.4
288	8.0	30649.5	-4649.4	378	9.9	35209.8	-4614.9	468	9.8	43931.8	-4621.9	558	9.7	51542.3	-4611.4
289	9.2	30714.5	-4606.7	379	9.9	35218.8	-4643.9	469	8.6	43943.3	-4641.2	559	9.9	51552.3	-4653.5
290	7.4	30814.5	-4657.6	380	9.9	35241.8	-4620.9	470	9.7	44004.3	-4624.4	560	9.9	51559.8	-4611.4
291	9.8	30904.5	-4650.7	381	9.7	35337.3	-4652.0	471	8.8	44013.8	-4625.0	561	9.8	51642.8	-4614.9
292	8.0	30918.0	-4622.9	382	7.6	35358.8	-4644.3	472	9.8	44021.8	-4650.6	562	8.3	51650.8	-4641.4
293	8.3	30922.5	-4619.0	383	9.4	35359.3	-4640.2	473	8.2	44030.8	-4629.8	563	9.9	51716.8	-4631.8
294	7.6	30924.5	-4603.8	384	9.9	35429.8	-4628.7	474	9.8	44104.3	-4608.3	564	9.3	51719.3	-4608.2
295	9.4	30946.5	-4610.9	385	9.6	35517.2	-4601.8	475	9.7	44107.8	-4640.0	565	9.8	51722.9	-4657.0
296	8.9	31026.9	-4602.4	386	8.8	35535.3	-4630.3	476	9.4	44110.8	-4604.8	566	8.6	51726.5	-4646.3
297	9.0	31052.0	-4644.3	387	9.2	35556.4	-4635.1	477	8.8	44115.8	-4637.7	567	9.6	51727.5	-4625.6
298	7.4	31052.5	-4607.9	388	9.9	35609.8	-4642.7	478	9.6	44141.5	-4656.7	568	9.9	51733.2	-4613.9
299	9.4	31128.7	-4600.2	389	10.4	35623.0	-4617.2	479	9.6	44159.8	-4649.2	569	8.3	51750.5	-4624.1
300	9.8	31148.7	-4601.7	390	10.4	35653.1	-4634.1	480	9.7	44252.8	-4628.4	570	8.8	51838.0	-4624.1
301	9.4	31224.3	-4659.0	391	7.6	35724.6	-4629.3	481	8.2	44353.3	-4649.2	571	9.4	51855.2	-4633.7
302	9.8	31224.5	-4622.0	392	10.4	35751.6	-4636.2	482	9.4	44353.3	-4626.4	572	9.8	51914.2	-4646.9
303	9.1	31228.0	-4610.9	393	10.0	35927.1	-4630.5	483	9.8	44355.3	-4647.7	573	9.9	51920.5	-4604.8
304	8.3	31232.0	-4635.6	394	10.4	35935.6	-4626.5	484	8.5	44405.8	-4615.8	574	10.2	51959.3	-4634.4
305	8.6	31234.5	-4612.7	395	8.4	40041.6	-4614.5	485	9.6	44414.8	-4642.1	575	9.6	52015.1	-4656.5
306	9.6	31319.5	-4621.6	396	7.2	40139.9	-4600.3	486	9.7	44430.8	-4624.1	576	10.2	52025.8	-4629.0
307	9.6	31323.0	-4613.1	397	9.8	40144.1	-4627.9	487	8.8	44520.8	-4645.7	577	10.2	52041.8	-4619.8
308	9.0	31325.0	-4639.6	398	9.6	40229.1	-4658.9	488	9.3	44533.8	-4618.7	578	10.2	52046.8	-4620.9
309	9.6	31454.0	-4653.2	399	7.8	40316.0	-4637.9	489	9.8	44604.8	-4645.0	579	9.7	52051.8	-4600.3
310	9.8	31458.0	-4608.0	400	10.2	40342.5	-4655.4	490	9.8	44607.3	-4638.4	580	10.2	52055.8	-4635.9
311	9.8	31504.5	-4618.8	401	10.4	40405.0	-4610.8	491	9.4	44609.8	-4636.1	581	8.0	52343.3	-4611.8
312	8.2	31528.0	-4639.0	402	6.8	40441.5	-4611.6	492	9.8	44616.3	-4621.1	582	9.7	52436.8	-4618.9
313	9.8	31546.3	-4629.8	403	10.3	40510.0	-4629.6	493	8.6	44627.3	-4623.5	583	10.2	52513.3	-4642.3
314	8.2	31605.8	-4616.7	404	10.4	40636.5	-4613.2	494	9.8	44636.3	-4609.0	584	9.0	52517.3	-4639.0
315	9.0	31716.3	-4651.8	405	10.4	40729.0	-4702.6	495	9.8	44639.3	-4657.3	585	10.2	52521.8	-4634.4
316	9.4	31953.8	-4615.6	406	10.2	40929.0	-4630.0	496	8.6	44658.8	-4616.7	586	9.6	52549.8	-4640.0
317	8.2	31956.8	-4604.2	407	8.6	40954.5	-4608.2	497	9.4	44729.3	-4602.9	587	10.2	52615.8	-4642.2
318	8.0	32018.8	-4617.7	408	9.4	40959.0	-4630.0	498	9.8	44750.0	-4642.1	588	10.0	52618.3	-4641.2
319	7.0	32023.8	-4606.3	409	7.0	41019.0	-4626.4	499	8.6	44801.5	-4657.2	589	9.8	52735.8	-4641.5
320	8.8	32050.8	-4654.6	410	9.8	41100.5	-4610.3	500	9.4	44820.0	-4659.9	590	8.9	52759.3	-4608.7
321	9.6	32201.1	-4601.0	411	10.4	41149.0	-4631.7	501	9.8	44856.0	-4657.0	591	7.5	52802.6	-4601.1
322	9.8	32255.8	-4619.0	412	8.6	41154.0	-4616.4	502	8.6	44921.0	-4650.3	592	10.2	52850.8	-4601.0
323	9.8	32320.3	-4612.0	413	9.8	41318.0	-4641.7	503	9.3	44940.0	-4607.2	593	9.6	52929.8	-4631.1
324	8.4	32358.8	-4642.0	414	10.3	41347.5	-4619.6	504	8.8	45110.5	-4634.0	594	10.2	52934.8	-4611.7
325	9.0	32426.8	-4636.3	415	9.4	41459.0	-4657.2	505	9.9	45156.3	-4642.7	595	10.2	53021.3	-4621.3
326	9.2	32427.0	-4658.0	416	10.4	41508.0	-4632.2	506	9.6	45215.5	-4649.6	596	9.9	53127.3	-4606.6
327	9.8	32548.6	-4631.9	417	10.3	41600.5	-4646.2	507	9.7	45220.0	-4641.4	597	10.2	53130.8	-4629.7

-46 598 5h31m

-46 957 6h36m

598	10.2	53136.3	-4642.4	688	9.0	55907.6	-4646.2	778	9.6	61651.0	-4635.0	868	9.0	62642.0	-4622.1
599	9.6	53139.8	-4618.9	689	9.6	60005.6	-4604.9	779	9.0	61656.0	-4633.6	869	9.9	62644.5	-4627.3
600	10.2	53244.3	-4616.5	690	10.2	60040.6	-4637.3	780	9.9	61659.0	-4609.2	870	10.2	62644.5	-4603.9
601	8.4	53245.3	-4606.1	691	9.4	60124.1	-4648.9	781	10.2	61702.0	-4618.5	871	10.0	62648.0	-4644.4
602	10.0	53246.8	-4656.8	692	10.1	60129.1	-4646.0	782	9.8	61704.5	-4619.2	872	9.4	62700.5	-4627.5
603	9.6	53253.3	-4634.9	693	10.4	60134.1	-4613.3	783	10.0	61707.5	-4634.1	873	10.2	62702.0	-4635.1
604	9.2	53309.8	-4615.9	694	10.2	60135.1	-4654.7	784	8.2	61713.5	-4637.2	874	9.6	62704.0	-4625.4
605	10.0	53312.8	-4644.0	695	9.6	60141.6	-4638.6	785	9.4	61717.5	-4654.8	875	10.2	62711.5	-4643.8
606	10.2	53315.3	-4659.5	696	8.3	60154.1	-4656.2	786	9.8	61728.5	-4618.9	876	10.2	62718.3	-4630.3
607	10.0	53420.3	-4659.1	697	10.4	60217.3	-4659.5	787	9.9	61728.7	-4601.3	877	10.2	62720.0	-4647.3
608	10.2	53435.3	-4612.7	698	9.8	60218.1	-4640.0	788	10.0	61736.5	-4616.2	878	10.2	62731.5	-4640.8
609	8.0	53439.8	-4609.7	699	10.2	60219.1	-4646.3	789	10.0	61753.5	-4625.1	879	10.2	62746.0	-4641.2
610	9.8	53502.8	-4658.3	700	10.0	60222.1	-4621.6	790	10.2	61753.5	-4641.0	880	10.2	62748.0	-4655.9
611	10.2	53507.3	-4604.3	701	10.4	60234.6	-4625.9	791	9.6	61754.0	-4640.6	881	9.6	62748.0	-4602.0
612	9.6	53619.8	-4634.7	702	10.1	60243.1	-4624.6	792	9.8	61756.0	-4607.1	882	10.2	62748.5	-4615.9
613	10.0	53630.3	-4613.3	703	9.4	60318.1	-4617.4	793	10.2	61801.0	-4641.0	883	8.6	62759.5	-4622.1
614	10.2	53702.8	-4607.9	704	8.8	60324.6	-4630.0	794	10.2	61801.0	-4633.9	884	9.2	62837.5	-4612.1
615	10.2	53719.3	-4602.1	705	7.0	60330.1	-4611.3	795	10.0	61803.0	-4644.6	885	10.2	62850.0	-4606.4
616	9.6	53734.8	-4612.3	706	10.2	60336.1	-4643.9	796	8.4	61808.5	-4606.2	886	9.2	62856.5	-4652.9
617	9.6	53749.5	-4600.0	707	10.4	60338.6	-4631.2	797	9.4	61811.0	-4649.1	887	10.2	62857.0	-4641.9
618	10.2	53805.3	-4631.3	708	9.8	60343.1	-4639.8	798	10.2	61813.5	-4646.6	888	10.2	62903.0	-4621.0
619	9.6	53812.8	-4623.8	709	10.1	60354.1	-4611.5	799	9.6	61820.5	-4604.0	889	10.2	62909.0	-4608.1
620	9.6	53844.0	-4601.5	710	10.4	60356.1	-4658.2	800	8.7	61824.4	-4603.2	890	10.0	62919.0	-4648.5
621	9.9	53925.3	-4619.7	711	8.8	60451.6	-4649.8	801	10.2	61833.5	-4629.1	891	10.0	62923.0	-4618.5
622	10.2	53934.3	-4613.9	712	10.4	60520.1	-4620.0	802	8.6	61833.5	-4638.7	892	10.2	62923.5	-4642.0
623	10.2	54031.8	-4617.3	713	10.2	60549.6	-4632.5	803	8.6	61843.0	-4622.0	893	8.8	62941.5	-4604.1
624	10.2	54051.3	-4649.4	714	8.8	60554.1	-4615.5	804	10.2	61912.0	-4635.1	894	10.2	63008.5	-4604.6
625	8.9	54053.8	-4615.9	715	8.4	60600.1	-4619.4	805	10.2	61917.0	-4610.1	895	10.2	63014.5	-4609.7
626	10.2	54101.8	-4657.1	716	9.5	60604.1	-4619.6	806	10.0	61932.0	-4656.5	896	10.0	63018.0	-4627.1
627	8.8	54113.8	-4620.8	717	9.0	60604.6	-4639.3	807	10.2	61934.0	-4601.6	897	10.0	63024.2	-4657.6
628	8.9	54114.3	-4621.7	718	10.2	60611.1	-4656.1	808	8.2	61947.0	-4645.4	898	10.2	63026.5	-4650.1
629	10.2	54115.3	-4627.8	719	8.6	60624.1	-4631.9	809	10.2	61951.0	-4611.1	899	8.7	63027.5	-4624.1
630	9.8	54219.8	-4603.9	720	10.4	60640.1	-4654.1	810	9.5	61952.5	-4623.5	900	10.2	63034.0	-4610.2
631	7.1	54259.3	-4638.6	721	10.4	60640.6	-4641.5	811	10.0	61956.5	-4630.1	901	9.8	63036.0	-4613.1
632	10.2	54334.8	-4628.9	722	10.4	60647.6	-4613.5	812	9.6	62000.0	-4648.1	902	9.5	63036.5	-4622.9
633	10.2	54352.3	-4652.0	723	9.8	60651.6	-4645.7	813	10.0	62006.3	-4657.5	903	10.0	63041.5	-4629.4
634	10.2	54410.3	-4634.9	724	10.4	60659.0	-4600.1	814	10.2	62027.5	-4611.9	904	9.8	63043.5	-4635.4
635	10.2	54411.3	-4659.8	725	10.0	60709.1	-4659.6	815	9.6	62030.5	-4642.0	905	9.9	63104.5	-4620.1
636	10.2	54452.3	-4612.7	726	10.2	60710.1	-4656.4	816	10.2	62036.0	-4630.5	906	8.2	63110.0	-4624.6
637	7.3	54526.8	-4621.2	727	10.4	60716.1	-4613.0	817	8.6	62050.5	-4652.2	907	8.8	63120.5	-4632.6
638	10.2	54527.0	-4647.2	728	10.4	60721.1	-4609.0	818	9.9	62057.0	-4605.9	908	10.2	63121.0	-4619.4
639	10.2	54527.3	-4607.6	729	9.0	60741.0	-4609.7	819	10.2	62059.0	-4615.2	909	10.2	63130.0	-4604.6
640	10.0	54528.5	-4611.1	730	10.4	60811.5	-4630.9	820	10.2	62114.0	-4602.0	910	10.2	63130.0	-4605.2
641	10.2	54528.8	-4648.2	731	8.8	60812.0	-4618.0	821	10.0	62117.0	-4636.4	911	10.2	63135.0	-4621.0
642	9.7	54532.0	-4602.3	732	10.4	60821.5	-4637.1	822	8.6	62128.5	-4652.0	912	9.9	63203.5	-4654.3
643	10.0	54616.0	-4625.5	733	10.4	60825.0	-4641.2	823	8.6	62130.5	-4625.6	913	10.2	63206.5	-4641.1
644	10.2	54618.3	-4651.8	734	10.4	60829.2	-4607.5	824	10.2	62131.5	-4606.6	914	10.2	63218.5	-4629.2
645	9.8	54627.2	-4632.4	735	10.4	60830.5	-4651.6	825	9.4	62132.0	-4601.4	915	10.2	63226.0	-4653.9
646	10.1	54630.5	-4607.8	736	10.2	60834.0	-4631.7	826	9.6	62136.0	-4655.0	916	9.8	63227.0	-4658.0
647	10.4	54637.1	-4628.6	737	9.8	60837.0	-4607.1	827	10.0	62138.5	-4619.9	917	9.6	63237.5	-4620.2
648	8.6	54720.2	-4654.1	738	9.6	60914.0	-4651.2	828	10.2	62151.5	-4607.4	918	10.2	63238.5	-4622.1
649	10.4	54725.2	-4652.0	739	10.0	60917.0	-4640.4	829	10.2	62208.5	-4610.0	919	9.5	63244.5	-4619.9
650	10.4	54741.7	-4638.7	740	10.4	60925.2	-4622.9	830	10.0	62210.2	-4656.9	920	9.6	63248.0	-4649.9
651	9.1	54745.2	-4622.7	741	9.8	60935.5	-4614.9	831	10.2	62218.5	-4637.6	921	9.9	63259.0	-4612.0
652	10.4	54819.2	-4657.9	742	10.4	60941.0	-4605.1	832	10.2	62229.0	-4607.7	922	10.2	63304.3	-4604.0
653	10.1	54850.2	-4655.5	743	10.4	60943.5	-4631.3	833	9.1	62233.5	-4638.8	923	10.2	63304.8	-4640.4
654	10.4	54858.7	-4611.7	744	10.4	60958.0	-4613.0	834	9.8	62242.5	-4608.4	924	8.6	63305.3	-4621.6
655	9.8	54903.2	-4644.2	745	9.8	60959.5	-4612.8	835	9.6	62247.5	-4634.3	925	10.2	63307.8	-4613.6
656	9.1	54934.7	-4646.9	746	10.4	61019.0	-4612.3	836	9.8	62251.0	-4632.9	926	10.2	63348.3	-4614.2
657	10.4	55016.2	-4647.6	747	9.5	61046.0	-4601.4	837	10.0	62311.0	-4617.0	927	10.2	63401.5	-4658.6
658	9.8	55018.9	-4656.9	748	10.2	61046.0	-4608.8	838	8.4	62320.5	-4654.8	928	9.4	63405.8	-4647.4
659	10.4	55031.2	-4643.8	749	10.4	61117.0	-4639.9	839	9.6	62332.0	-4658.6	929	10.2	63428.3	-4644.8
660	10.4	55044.2	-4642.7	750	8.8	61123.0	-4658.4	840	9.1	62335.0	-4623.1	930	9.8	63428.3	-4633.8
661	9.0	55059.2	-4640.0	751	9.8	61139.0	-4616.8	841	10.0	62342.5	-4656.1	931	9.9	63428.3	-4607.2
662	10.4	55126.1	-4626.9	752	10.4	61203.4	-4601.0	842	9.6	62343.0	-4658.5	932	10.2	63431.0	-4602.8
663	10.4	55148.7	-4612.7	753	8.3	61210.0	-4605.4	843	9.8	62351.5	-4601.1	933	10.2	63434.3	-4628.8
664	10.4	55200.7	-4629.2	754	10.4	61216.1	-4656.3	844	9.2	62353.5	-4600.0	934	9.8	63455.8	-4652.2
665	10.4	55218.2	-4632.6	755	8.8	61220.0	-4650.9	845	10.0	62354.5	-4651.1	935	9.8	63458.3	-4604.8
666	10.4	55224.2	-4642.1	756	9.0	61229.4	-4659.6	846	10.0	62407.0	-4608.0	936	9.8	63500.3	-4605.8
667	9.5	55235.7	-4611.6	757	10.2	61345.7	-4634.8	847	10.2	62423.0	-4609.5	937	10.2	63501.8	-4650.1
668	10.4	55259.7	-4644.0	758	9.6	61356.2	-4608.4	848	9.9	62434.0	-4659.5	938	10.2	63503.3	-4613.8
669	10.4	55317.7	-4627.6	759	8.8	61356.7	-4619.9	849	10.0	62441.0	-4626.5	939	10.2	63507.3	-4613.5
670	8.8	55320.7	-4633.1	760	9.2	61427.7	-4637.3	850	9.9	62449.5	-4614.6	940	8.2	63508.8	-4603.8
671	10.4	55408.7	-4626.1	761	9.5	61430.0	-4638.4	851	9.8	62450.5	-4628.9	941	9.5	63509.8	-4624.2
672	10.2	55409.2	-4635.2	762	10.0	61437.0	-4652.0	852	10.2	62456.5	-4656.1	942	9.6	63518.3	-4621.0
673	10.4	55438.7	-4641.0	763	9.6	61441.5	-4637.9	853	10.2	62511.0	-4628.8	943	10.0	63528.3	-4642.7
674	10.4	55545.7	-4628.4	764	10.2	61443.7	-4635.1	854	9.0	62532.0	-4628.9	944	10.2	63534.3	-4648.2
675	10.4	55554.7	-4614.5	765	9.1	61458.5	-4643.6	855	10.2	62536.5	-4646.6	945	10.0	63536.3	-4606.4
676	8.8	55630.7	-4636.8	766	10.0	61509.0	-4624.3	856	10.0	62546.5	-4657.7	946	10.2	63538.1	-4610.5
677	9.1	55636.2	-4615.3	767	10.2	61518.0	-4620.7	857	9.0	62550.5	-4648.5	947	10.0	63540.8	-4620.8
678	8.8	55718.2	-4601.0	768	10.0	61520.0	-4616.9	858	9.6	62555.0	-4624.1	948	10.2	63544.6	-4601.6
679	10.1	55735.2	-4646.3	769	9.8	61528.5	-4632.4	859	10.0	62559.0	-4628.2	949	10.2	63549.8	-4609.8
680	10.0	55748.2	-4620.8	770	9.6	61554.0	-4605.1	860	9.8	62604.0	-4617.6	950	9.5	63557.3	-4606.4
681	9.5	55748.2	-4652.1	771	10.2	61618.5	-4605.9	861	10.2	62608.0	-4628.5	951	10.2	63558.8	-4641.7
682	8.4	55752.2	-4620.0	772	9.8	61622.5	-4628.2	862	10.2	62608.5	-4647.4	952	9.0	63610.8	-4631.7
683	10.1	55806.2	-4640.0	773	9.8	61624.5	-4619.7	863	8.8	62609.5	-4644.1	953	10.2	63613.8	-4614.4
684	9.6	55824.6	-4642.3	774	10.2	61630.5	-4629.8	864	8.4	62614.0	-4632.1	954	10.2	63640.3	-4626.6
685	10.4	55829.1	-4634.0	775	9.6	61632.7	-4600.0	865	9.0	62615.5	-4600.3	955	10.2	63643.8	-4615.0
686	9.1	55837.6	-4621.9	776	8.2	61642.0	-4602.7	866	10.2	62620.0	-4637.7	956	10.2	63650.3	-4612.6
687	9.0	55848.1	-4613.5	777	10.0	61646.0	-4642.6	867	10.0	62626.5	-4603.4	957	10.2	63653.3	-4647.6

958	9.6	63700.7	-4628.8	1048	9.7	64627.9	-4611.0	1138	9.8	65518.5	-4622.4	1228	9.4	70338.8	-4613.9
959	10.0	63705.8	-4648.8	1049	9.7	64628.4	-4602.8	1139	10.0	65521.5	-4616.1	1229	10.0	70338.8	-4633.4
960	9.0	63708.3	-4615.7	1050	10.0	64628.9	-4648.6	1140	9.5	65523.0	-4649.2	1230	8.6	70340.8	-4625.2
961	9.8	63723.8	-4636.8	1051	10.0	64634.4	-4640.4	1141	9.6	65528.5	-4655.4	1231	9.4	70348.3	-4630.5
962	9.6	63725.8	-4610.6	1052	9.4	64635.4	-4634.2	1142	8.8	65528.5	-4622.5	1232	9.5	70348.8	-4650.0
963	10.2	63736.3	-4632.6	1053	9.6	64638.9	-4622.8	1143	7.6	65529.5	-4651.1	1233	10.0	70359.8	-4640.1
964	10.2	63741.3	-4618.1	1054	9.7	64640.9	-4609.4	1144	8.6	65529.7	-4601.3	1234	10.0	70405.3	-4626.2
965	10.0	63744.8	-4618.4	1055	8.8	64646.4	-4613.2	1145	9.4	65535.5	-4651.0	1235	9.9	70408.8	-4640.0
966	10.2	63751.8	-4604.2	1056	9.8	64658.9	-4611.6	1146	9.8	65542.5	-4652.9	1236	9.9	70412.8	-4632.0
967	10.2	63759.8	-4648.3	1057	8.8	64708.4	-4649.2	1147	9.5	65548.5	-4616.6	1237	9.8	70430.8	-4627.6
968	10.2	63807.8	-4620.8	1058	9.2	64708.4	-4658.0	1148	9.7	65551.5	-4630.3	1238	9.9	70432.3	-4656.4
969	9.8	63829.8	-4627.5	1059	8.8	64708.9	-4639.4	1149	9.4	65558.0	-4605.9	1239	9.2	70445.3	-4656.3
970	9.9	63829.8	-4604.7	1060	10.0	64709.9	-4650.8	1150	10.0	65558.5	-4645.1	1240	10.0	70447.3	-4622.2
971	9.1	63837.3	-4621.0	1061	9.8	64719.4	-4625.6	1151	10.0	65606.0	-4658.0	1241	10.0	70504.3	-4615.5
972	9.5	63838.8	-4655.9	1062	9.9	64731.4	-4640.6	1152	9.9	65627.8	-4603.0	1242	10.0	70506.8	-4632.7
973	10.2	63843.3	-4659.6	1063	9.4	64749.9	-4655.2	1153	9.8	65628.5	-4651.2	1243	10.0	70511.8	-4630.7
974	10.2	63844.8	-4604.6	1064	8.8	64751.9	-4640.0	1154	9.6	65646.0	-4610.3	1244	9.2	70518.8	-4621.6
975	10.2	63848.8	-4646.1	1065	9.0	64751.9	-4617.2	1155	9.9	65701.5	-4641.5	1245	10.0	70521.8	-4628.4
976	9.4	63854.3	-4619.2	1066	10.0	64808.9	-4655.2	1156	9.4	65708.5	-4605.6	1246	9.9	70524.8	-4652.8
977	10.2	63859.1	-4633.4	1067	10.0	64814.9	-4606.6	1157	9.6	65712.5	-4645.6	1247	10.0	70539.8	-4637.3
978	8.6	63859.8	-4654.6	1068	9.8	64821.9	-4639.2	1158	10.0	65714.5	-4638.9	1248	10.0	70546.8	-4635.2
979	10.2	63909.3	-4643.3	1069	10.0	64833.9	-4636.3	1159	9.4	65714.5	-4631.3	1249	10.0	70548.3	-4600.0
980	9.9	63910.3	-4645.7	1070	9.5	64838.4	-4611.8	1160	9.2	65719.5	-4615.1	1250	10.0	70550.8	-4637.4
981	10.2	63923.3	-4650.9	1071	9.0	64847.9	-4639.8	1161	9.9	65720.6	-4609.5	1251	9.4	70552.3	-4639.0
982	10.2	63935.3	-4614.9	1072	9.7	64851.9	-4620.2	1162	10.0	65727.0	-4617.8	1252	9.0	70554.8	-4640.0
983	10.2	63936.3	-4600.3	1073	7.9	64909.4	-4639.3	1163	9.8	65735.5	-4616.0	1253	8.2	70608.3	-4609.7
984	9.8	63937.8	-4651.6	1074	10.0	64911.2	-4600.8	1164	9.4	65737.0	-4603.2	1254	9.9	70619.3	-4655.3
985	8.8	63939.3	-4659.9	1075	9.2	64916.4	-4621.1	1165	10.0	65741.4	-4602.7	1255	9.9	70623.3	-4606.1
986	9.9	63944.3	-4656.7	1076	10.0	64916.4	-4646.4	1166	10.0	65749.5	-4618.2	1256	10.0	70628.3	-4610.1
987	8.6	63951.8	-4649.5	1077	10.0	64917.7	-4659.6	1167	9.5	65753.0	-4624.0	1257	9.4	70633.8	-4622.8
988	10.0	64029.3	-4652.9	1078	9.6	64918.4	-4648.9	1168	9.2	65801.5	-4631.3	1258	10.0	70635.3	-4650.2
989	10.2	64037.8	-4648.1	1079	10.0	64928.4	-4649.9	1169	9.5	65801.5	-4604.2	1259	9.4	70636.3	-4607.2
990	10.0	64037.8	-4606.9	1080	9.8	64957.9	-4635.2	1170	10.0	65810.3	-4602.8	1260	9.7	70643.8	-4646.1
991	10.2	64040.8	-4627.0	1081	10.0	65001.7	-4658.2	1171	9.7	65811.3	-4606.9	1261	9.9	70647.8	-4657.2
992	8.4	64045.7	-4657.0	1082	9.8	65004.9	-4606.2	1172	9.4	65811.9	-4628.9	1262	10.0	70653.8	-4607.8
993	10.2	64050.8	-4644.9	1083	8.1	65015.9	-4616.2	1173	9.7	65822.3	-4657.4	1263	10.0	70659.3	-4652.2
994	8.4	64105.8	-4638.7	1084	10.0	65027.9	-4658.2	1174	9.6	65822.8	-4656.4	1264	10.0	70701.8	-4633.0
995	9.4	64115.8	-4645.9	1085	10.0	65027.9	-4650.2	1175	9.0	65826.8	-4644.7	1265	9.7	70708.8	-4618.0
996	10.0	64119.4	-4648.2	1086	10.0	65040.9	-4653.1	1176	9.5	65828.8	-4638.7	1266	10.0	70711.3	-4633.1
997	9.4	64125.9	-4653.0	1087	9.4	65042.4	-4640.8	1177	9.0	65832.8	-4615.0	1267	10.0	70717.3	-4639.1
998	9.6	64126.5	-4602.2	1088	10.0	65044.4	-4601.0	1178	10.0	65841.3	-4614.1	1268	9.6	70718.3	-4613.3
999	8.4	64128.1	-4611.3	1089	9.4	65057.9	-4618.9	1179	9.8	65844.8	-4607.5	1269	10.0	70726.8	-4654.0
1000	9.8	64128.9	-4655.1	1090	10.0	65059.4	-4634.0	1180	10.0	65900.8	-4606.2	1270	9.8	70731.8	-4641.2
1001	9.6	64131.1	-4611.0	1091	9.4	65121.0	-4616.8	1181	9.7	65904.8	-4633.9	1271	9.9	70747.3	-4601.2
1002	9.7	64131.1	-4641.2	1092	9.7	65123.5	-4632.6	1182	9.6	65912.3	-4602.3	1272	10.0	70747.8	-4609.8
1003	9.9	64135.4	-4639.8	1093	9.6	65127.0	-4623.4	1183	10.0	65912.8	-4610.2	1273	9.8	70748.3	-4607.2
1004	7.2	64137.1	-4648.3	1094	9.8	65127.5	-4641.5	1184	10.0	65915.1	-4603.6	1274	10.0	70756.3	-4617.3
1005	7.1	64144.1	-4643.3	1095	9.1	65139.5	-4619.2	1185	10.0	65917.8	-4638.8	1275	8.8	70804.8	-4629.2
1006	8.2	64147.4	-4634.1	1096	10.0	65142.0	-4611.3	1186	9.4	65929.8	-4605.0	1276	10.0	70808.3	-4606.8
1007	10.0	64148.5	-4616.5	1097	10.0	65154.5	-4626.1	1187	10.0	65941.1	-4601.0	1277	9.9	70816.3	-4647.1
1008	9.4	64204.1	-4626.1	1098	8.8	65158.5	-4618.2	1188	9.4	65941.8	-4643.4	1278	9.6	70819.8	-4625.2
1009	8.8	64212.6	-4647.9	1099	10.0	65210.1	-4656.6	1189	9.9	65948.8	-4625.0	1279	10.0	70820.8	-4616.1
1010	10.0	64216.4	-4653.4	1100	9.9	65211.0	-4655.8	1190	9.9	65952.8	-4615.4	1280	9.7	70830.2	-4656.1
1011	9.7	64216.9	-4652.7	1101	10.0	65212.4	-4657.0	1191	9.9	70016.8	-4616.2	1281	10.0	70831.5	-4639.0
1012	9.5	64239.9	-4609.9	1102	10.0	65213.0	-4653.4	1192	9.2	70017.3	-4613.9	1282	10.0	70849.3	-4615.3
1013	9.4	64245.4	-4622.5	1103	9.6	65218.5	-4615.0	1193	9.2	70023.3	-4641.9	1283	10.0	70852.3	-4612.0
1014	9.9	64246.9	-4635.4	1104	9.9	65228.5	-4626.0	1194	10.0	70038.8	-4652.7	1284	5.6	70859.8	-4633.0
1015	9.6	64304.4	-4657.8	1105	9.6	65233.5	-4654.4	1195	9.4	70040.8	-4635.0	1285	10.0	70903.8	-4620.8
1016	10.0	64308.9	-4610.2	1106	10.0	65234.0	-4626.0	1196	10.0	70041.3	-4628.2	1286	10.0	70906.5	-4626.0
1017	9.7	64322.9	-4627.1	1107	9.2	65244.0	-4649.5	1197	9.5	70042.3	-4613.9	1287	9.5	70907.5	-4638.8
1018	9.7	64328.4	-4618.0	1108	9.2	65252.0	-4637.0	1198	9.8	70044.3	-4624.3	1288	10.0	70914.5	-4643.1
1019	9.5	64328.4	-4615.5	1109	9.5	65258.5	-4620.8	1199	9.4	70046.3	-4625.5	1289	9.9	70920.5	-4631.0
1020	9.7	64331.4	-4619.2	1110	9.2	65301.0	-4658.0	1200	10.0	70113.8	-4622.3	1290	9.9	70929.5	-4659.5
1021	10.0	64331.4	-4607.6	1111	9.2	65306.7	-4600.8	1201	9.9	70114.3	-4619.5	1291	10.0	70930.8	-4621.1
1022	10.0	64336.9	-4607.4	1112	10.0	65311.0	-4608.0	1202	9.2	70122.3	-4638.0	1292	10.4	70935.5	-4618.3
1023	10.0	64340.4	-4605.1	1113	8.8	65313.5	-4640.4	1203	10.0	70128.8	-4610.7	1293	10.4	70936.4	-4658.1
1024	10.0	64355.4	-4643.3	1114	10.0	65315.0	-4651.6	1204	10.0	70135.3	-4615.9	1294	10.4	70940.2	-4624.8
1025	9.4	64402.4	-4636.6	1115	9.8	65320.0	-4627.2	1205	9.6	70138.8	-4659.4	1295	10.4	70947.7	-4610.0
1026	9.0	64406.9	-4615.4	1116	8.6	65329.5	-4638.9	1206	9.8	70139.8	-4625.3	1296	9.6	71000.7	-4601.1
1027	9.0	64406.9	-4625.2	1117	9.7	65334.0	-4603.4	1207	9.8	70147.4	-4659.5	1297	8.4	71006.7	-4622.8
1028	9.9	64411.9	-4627.6	1118	9.9	65334.0	-4648.0	1208	9.6	70150.8	-4655.1	1298	10.4	71008.7	-4620.4
1029	9.0	64415.4	-4611.2	1119	10.0	65338.0	-4604.6	1209	9.6	70156.3	-4618.0	1299	8.9	71011.2	-4622.0
1030	10.0	64416.4	-4636.2	1120	10.0	65348.0	-4604.0	1210	9.2	70158.3	-4632.1	1300	9.4	71017.2	-4644.7
1031	10.0	64418.4	-4610.2	1121	8.8	65349.0	-4636.2	1211	10.0	70158.8	-4609.	1301	10.0	71023.7	-4616.0
1032	8.4	64448.4	-4653.2	1122	9.2	65350.5	-4621.2	1212	9.2	70200.8	-4633.	1302	10.4	71025.7	-4612.3
1033	10.0	64449.4	-4627.3	1123	9.0	65416.5	-4635.2	1213	10.0	70203.8	-4623.0	1303	8.0	71031.7	-4606.6
1034	9.5	64452.9	-4632.4	1124	8.8	65420.5	-4641.0	1214	9.9	70218.8	-4632.7	1304	10.2	71039.2	-4602.6
1035	9.9	64458.4	-4638.4	1125	10.0	65422.5	-4600.8	1215	10.0	70227.3	-4653.5	1305	10.4	71042.2	-4642.8
1036	9.9	64516.4	-4631.1	1126	9.5	65427.6	-4656.9	1216	9.4	70230.3	-4645.0	1306	9.8	71042.2	-4601.0
1037	10.0	64535.9	-4628.1	1127	10.0	65436.5	-4624.9	1217	9.9	70232.3	-4604.6	1307	8.6	71048.2	-4653.6
1038	9.1	64535.9	-4625.8	1128	10.0	65436.5	-4622.7	1218	9.6	70245.3	-4651.4	1308	10.4	71101.7	-4648.7
1039	7.6	64542.4	-4634.0	1129	10.0	65438.5	-4615.7	1219	9.2	70248.8	-4639.0	1309	9.6	71101.7	-4607.8
1040	9.5	64544.4	-4620.2	1130	10.0	65445.5	-4657.2	1220	9.9	70253.8	-4647.0	1310	8.4	71103.2	-4655.1
1041	10.0	64549.2	-4602.0	1131	10.0	65446.5	-4609.9	1221	9.0	70303.8	-4638.0	1311	6.3	71111.2	-4637.9
1042	10.0	64549.4	-4626.4	1132	10.0	65448.5	-4611.5	1222	10.0	70303.8	-4635.8	1312	10.4	71116.7	-4608.8
1043	9.9	64605.9	-4624.3	1133	10.0	65455.0	-4624.9	1223	10.0	70308.8	-4641.5	1313	10.0	71124.2	-4611.1
1044	10.0	64610.4	-4643.1	1134	10.0	65502.5	-4641.2	1224	10.0	70310.3	-4641.2	1314	10.1	71129.2	-4618.6
1045	10.0	64616.9	-4612.9	1135	9.9	65506.5	-4613.8	1225	9.7	70312.3	-4655.1	1315	10.4	71157.7	-4653.1
1046	6.8	64622.9	-4628.8	1136	9.5	65512.0	-4641.7	1226	10.0	70316.8	-4622.5	1316	9.4	71201.7	-4642.7
1047	8.2	64624.2	-4601.3	1137	9.5	65517.0	-4608.8	1227	9.9	70324.8	-4612.6	1317	9.3	71204.7	-4630.2

1318	10.4	71209.2	-4644.0	1408	9.2	71756.0	-4608.8	1498	10.2	72411.5	-4656.5
1319	10.0	71210.2	-4612.5	1409	10.4	71808.5	-4621.8	1499	10.4	72412.5	-4620.3
1320	9.8	71210.7	-4626.1	1410	9.4	71811.0	-4656.1	1500	10.4	72415.0	-4626.3
1321	9.8	71212.1	-4602.2	1411	10.4	71811.5	-4636.9	1501	8.4	72422.0	-4651.2
1322	8.8	71215.2	-4622.6	1412	9.6	71813.0	-4650.3	1502	9.8	72426.0	-4622.8
1323	10.0	71217.7	-4632.7	1413	10.4	71813.5	-4602.3	1503	10.4	72440.0	-4631.0
1324	10.1	71222.2	-4643.1	1414	10.0	71820.5	-4626.9	1504	10.0	72450.5	-4609.8
1325	10.0	71225.7	-4629.4	1415	10.0	71824.0	-4623.7	1505	10.4	72451.5	-4612.8
1326	8.3	71225.7	-4623.2	1416	8.6	71827.0	-4647.5	1506	10.2	72459.5	-4629.1
1327	8.8	71225.7	-4638.7	1417	10.4	71828.5	-4614.1	1507	10.0	72500.0	-4640.6
1328	10.2	71225.7	-4645.3	1418	10.4	71831.0	-4600.0	1508	9.8	72504.0	-4646.2
1329	9.8	71235.7	-4624.3	1419	10.4	71832.0	-4612.6	1509	9.2	72509.5	-4608.2
1330	9.6	71237.7	-4619.4	1420	10.4	71842.0	-4631.4	1510	9.8	72510.0	-4615.2
1331	9.8	71238.2	-4627.0	1421	10.1	71844.5	-4645.2	1511	10.4	72516.5	-4630.7
1332	9.2	71239.2	-4631.9	1422	9.4	71852.0	-4616.1	1512	10.4	72526.0	-4625.2
1333	7.6	71239.7	-4633.1	1423	9.6	71858.5	-4616.1	1513	9.3	72531.7	-4657.3
1334	10.0	71243.7	-4623.4	1424	9.8	71901.0	-4651.5	1514	10.0	72545.0	-4610.5
1335	10.2	71244.2	-4610.2	1425	10.0	71903.5	-4651.7	1515	9.3	72551.0	-4631.7
1336	8.8	71246.7	-4634.2	1426	10.0	71907.5	-4645.9	1516	9.0	72554.0	-4615.8
1337	9.8	71251.7	-4640.9	1427	10.1	71910.0	-4648.9	1517	7.7	72604.5	-4625.7
1338	9.8	71252.8	-4656.5	1428	10.4	71914.5	-4639.5	1518	10.1	72604.5	-4608.0
1339	10.4	71256.2	-4617.7	1429	10.1	71917.0	-4647.2	1519	10.4	72610.5	-4624.0
1340	8.1	71256.6	-4601.0	1430	10.0	71919.5	-4608.6	1520	10.0	72616.0	-4620.2
1341	10.4	71256.7	-4654.3	1431	9.4	71920.0	-4619.1	1521	10.2	72629.5	-4618.4
1342	8.1	71258.2	-4617.3	1432	9.6	71922.0	-4653.1	1522	9.0	72629.5	-4625.2
1343	9.8	71258.7	-4628.5	1433	9.8	71939.5	-4632.1	1523	10.0	72631.0	-4625.7
1344	10.4	71259.2	-4650.6	1434	9.5	71940.0	-4601.2	1524	10.1	72633.5	-4641.8
1345	9.1	71259.2	-4621.7	1435	9.2	71941.0	-4617.1	1525	10.4	72633.5	-4642.9
1346	8.2	71301.7	-4607.9	1436	10.4	71955.0	-4607.3	1526	10.0	72639.0	-4605.8
1347	10.1	71308.2	-4611.8	1437	10.4	71956.0	-4605.1	1527	10.4	72640.0	-4607.3
1348	10.4	71308.2	-4613.0	1438	9.8	72005.5	-4626.9	1528	10.2	72646.0	-4611.5
1349	10.1	71311.7	-4633.9	1439	9.4	72007.0	-4625.1	1529	9.5	72650.0	-4612.0
1350	10.1	71315.2	-4616.0	1440	9.6	72007.0	-4613.5	1530	10.4	72651.0	-4630.9
1351	10.4	71329.7	-4619.3	1441	10.4	72012.0	-4649.6	1531	10.4	72658.0	-4641.9
1352	8.0	71332.7	-4628.1	1442	10.4	72020.5	-4618.6	1532	9.8	72700.0	-4623.9
1353	9.1	71333.2	-4635.4	1443	10.2	72022.0	-4628.4	1533	10.4	72715.0	-4609.9
1354	9.5	71335.2	-4615.7	1444	8.9	72024.5	-4620.9	1534	10.4	72726.5	-4626.4
1355	8.4	71339.7	-4604.1	1445	10.4	72025.0	-4616.6	1535	9.6	72731.0	-4651.4
1356	9.3	71341.7	-4608.5	1446	9.0	72027.0	-4620.4	1536	10.4	72735.0	-4604.0
1357	10.0	71341.7	-4616.2	1447	9.8	72029.0	-4634.0	1537	9.6	72749.0	-4641.9
1358	10.4	71344.7	-4622.2	1448	9.8	72029.5	-4638.3	1538	10.4	72750.5	-4643.0
1359	10.4	71345.7	-4637.1	1449	10.4	72033.5	-4623.6	1539	10.0	72758.0	-4616.0
1360	7.5	71354.2	-4646.2	1450	10.4	72043.0	-4626.0	1540	10.0	72805.0	-4644.0
1361	10.4	71354.7	-4606.2	1451	10.4	72046.5	-4651.0	1541	10.4	72807.5	-4610.5
1362	10.1	71356.2	-4623.5	1452	10.4	72047.0	-4630.9	1542	9.5	72812.0	-4628.0
1363	9.8	71358.7	-4632.6	1453	10.4	72050.0	-4650.8	1543	10.4	72815.5	-4617.2
1364	9.8	71359.7	-4651.6	1454	10.4	72050.0	-4629.0	1544	9.8	72816.0	-4613.0
1365	9.8	71404.2	-4644.2	1455	9.8	72055.0	-4641.8	1545	10.0	72821.0	-4626.4
1366	10.4	71407.7	-4620.8	1456	9.8	72059.5	-4605.0	1546	9.8	72822.0	-4643.3
1367	9.8	71413.7	-4637.2	1457	9.4	72102.7	-4658.0	1547	10.4	72826.0	-4609.6
1368	9.5	71417.7	-4651.4	1458	10.0	72115.0	-4602.6	1548	8.2	72828.0	-4640.5
1369	9.0	71429.7	-4602.5	1459	10.1	72116.5	-4631.5	1549	10.0	72836.5	-4649.7
1370	10.4	71438.2	-4617.4	1460	10.4	72118.5	-4622.9	1550	10.0	72843.0	-4621.8
1371	10.0	71443.2	-4644.9	1461	8.6	72120.5	-4651.9	1551	10.0	72847.0	-4648.0
1372	9.8	71445.7	-4614.6	1462	10.4	72123.0	-4618.8	1552	10.0	72853.5	-4649.2
1373	8.6	71459.2	-4635.6	1463	10.2	72127.5	-4651.6	1553	10.2	72853.5	-4632.9
1374	10.4	71501.7	-4626.7	1464	9.8	72129.0	-4620.1	1554	10.0	72857.0	-4617.0
1375	8.6	71512.7	-4615.0	1465	10.4	72130.0	-4652.0	1555	10.4	72900.0	-4647.2
1376	10.4	71512.7	-4656.2	1466	8.4	72134.7	-4600.1	1556	10.2	72905.0	-4633.8
1377	9.2	71520.2	-4650.0	1467	10.4	72157.5	-4633.3	1557	9.6	72920.0	-4622.2
1378	10.4	71524.7	-4625.1	1468	9.6	72159.5	-4638.5	1558	10.4	72921.0	-4610.2
1379	9.0	71526.2	-4649.6	1469	9.5	72208.0	-4659.0	1559	10.0	72929.5	-4632.2
1380	10.4	71527.7	-4639.5	1470	10.4	72208.5	-4659.6	1560	10.4	72933.5	-4657.4
1381	10.4	71530.2	-4625.8	1471	9.8	72212.0	-4647.1	1561	9.4	72940.0	-4612.2
1382	10.4	71530.5	-4657.8	1472	10.0	72218.0	-4626.4	1562	9.8	72943.5	-4609.6
1383	7.9	71538.8	-4600.2	1473	10.0	72222.2	-4658.1	1563	10.1	72943.5	-4621.6
1384	10.4	71539.5	-4659.0	1474	9.8	72231.0	-4626.0	1564	10.1	72949.0	-4646.4
1385	10.2	71540.7	-4655.2	1475	9.8	72236.0	-4630.4	1565	8.9	72951.5	-4630.2
1386	7.7	71552.0	-4659.4	1476	10.4	72238.0	-4622.1	1566	10.2	72952.1	-4610.5
1387	10.4	71607.2	-4650.0	1477	10.0	72239.7	-4657.7	1567	10.4	73004.0	-4631.7
1388	10.1	71608.7	-4646.0	1478	9.8	72246.0	-4632.4	1568	10.1	73008.0	-4603.6
1389	10.0	71610.0	-4603.0	1479	10.4	72303.0	-4635.5	1569	8.4	73012.0	-4627.8
1390	9.8	71611.0	-4628.9	1480	10.1	72306.0	-4634.6	1570	10.4	73016.0	-4624.2
1391	10.4	71613.5	-4613.4	1481	10.4	72306.0	-4607.4	1571	10.0	73023.0	-4618.2
1392	10.2	71620.0	-4616.4	1482	10.4	72310.5	-4653.0	1572	10.1	73023.0	-4624.6
1393	9.2	71621.0	-4619.0	1483	10.4	72318.5	-4608.8	1573	8.4	73025.0	-4622.2
1394	10.0	71626.0	-4649.7	1484	10.4	72320.0	-4604.9	1574	9.8	73025.5	-4619.6
1395	9.8	71639.5	-4645.9	1485	10.0	72323.5	-4603.8	1575	8.4	73025.5	-4652.1
1396	10.0	71642.0	-4608.2	1486	8.6	72329.4	-4601.2	1576	9.6	73038.0	-4613.9
1397	10.4	71648.5	-4631.3	1487	10.1	72330.5	-4634.0	1577	8.6	73038.0	-4629.1
1398	9.2	71653.2	-4602.8	1488	10.0	72346.0	-4613.7	1578	10.4	73038.5	-4650.1
1399	10.4	71654.0	-4611.6	1489	10.1	72347.7	-4657.8	1579	9.8	73042.0	-4615.2
1400	10.2	71659.0	-4628.4	1490	9.8	72351.0	-4631.8	1580	10.4	73044.0	-4628.1
1401	10.4	71706.0	-4658.0	1491	10.4	72357.5	-4613.6	1581	9.4	73045.5	-4615.6
1402	10.2	71708.5	-4615.8	1492	8.1	72358.0	-4650.5	1582	10.4	73046.0	-4633.6
1403	10.2	71711.0	-4618.0	1493	9.5	72359.5	-4604.9	1583	9.5	73053.5	-4623.2
1404	9.0	71713.0	-4651.1	1494	10.0	72407.5	-4600.5	1584	10.4	73056.0	-4648.0
1405	9.8	71722.0	-4628.7	1495	10.0	72409.0	-4610.7	1585	9.3	73059.0	-4649.0
1406	10.4	71734.0	-4645.8	1496	9.6	72410.0	-4610.1	1586	10.1	73102.5	-4607.7
1407	9.8	71736.0	-4622.0	1497	9.8	72410.0	-4637.0	1587	10.4	73110.0	-4640.9
1588	10.1	73112.5	-4601.4								
1589	10.4	73113.5	-4611.9								
1590	10.4	73118.0	-4610.4								
1591	10.0	73121.5	-4615.4								
1592	9.8	73121.8	-4657.3								
1593	10.1	73122.0	-4652.6								
1594	10.0	73125.5	-4606.9								
1595	10.2	73128.0	-4603.9								
1596	10.4	73132.0	-4600.9								
1597	7.9	73133.5	-4618.1								
1598	10.4	73135.5	-4658.6								
1599	10.0	73149.0	-4628.1								
1600	10.4	73149.8	-4659.9								
1601	10.4	73151.0	-4614.0								
1602	10.4	73152.0	-4615.9								
1603	10.4	73152.0	-4603.3								
1604	10.0	73154.0	-4624.1								
1605	10.2	73156.5	-4650.7								
1606	10.0	73156.5	-4654.5								
1607	10.0	73205.0	-4616.4								
1608	8.1	73213.5	-4652.7								
1609	9.8	73219.0	-4605.1								
1610	10.4	73222.8	-4658.1								
1611	10.4	73225.0	-4637.3								
1612	9.8	73237.0	-4647.4								
1613	9.8	73237.0	-4638.7								
1614	7.9	73243.3	-4657.8								
1615	9.8	73245.0	-4626.7								
1616	10.0	73247.0	-4600.0								
1617	10.4	73250.0	-4631.5								
1618	10.1	73251.5	-4627.1								
1619	10.2	73252.0	-4634.1								
1620	10.4	73252.0	-4658.6								
1621	9.1	73253.5	-4617.9								
1622	9.2	73254.0	-4603.6								
1623	10.1	73255.5	-4625.2								
1624	10.2	73258.5	-4655.7								
1625	10.0	73301.0	-4645.3								
1626	9.6	73302.5	-4625.0								
1627	10.0	73303.5	-4607.8								
1628	9.8	73304.1	-4602.7								
1629	9.4	73312.5	-4602.0								
1630	10.4	73316.5	-4604.6								
1631	8.6	73317.5	-4650.7								
1632	10.2	73325.0	-4645.3								
1633	10.2	73328.5	-4645.9								
1634	10.0	73340.0	-4635.0								
1635	10.0	73344.0	-4634.9								
1636	10.2	73348.0	-4614.6								
1637	9.6	73352.4	-4601.8								
1638	10.0	73356.0	-4605.1								
1639	10.0	73408.0	-4614.5								
1640	10.4	73408.0	-4613.0								
1641	10.4	73409.0	-4656.3								
1642	10.4	73415.0	-4604.9								
1643	10.4	73416.5	-4613.1								
1644	10.2	73423.5	-4649.0								
1645	10.4	73433.5	-4633.3								
1646	10.0	73451.5	-4616.1								
1647	10.4	73452.0	-4612.4								
1648	9.6	73456.0	-4614.1								
1649	10.1	73508.5	-4637.9								
1650	9.2	73511.5	-4606.0								
1651	10.4	73512.5	-4656.6								
1652	9.8	73521.0	-4653.3								
1653	9.6	73526.0	-4640.1								
1654	10.0	73526.5	-4612.4								
1655	10.0	73530.0	-4614.3								
1656	9.2	73530.4	-4600.3								
1657	10.4	73537.5	-4651.4								
1658	10.4	73539.5	-4621.9								
1659	8.6	73540.0	-4626.2								
1660	10.4	73542.5	-4618.6								
1661	10.0	73549.8	-4658.6								
1662	10.4	73550.1	-4618.5								
1663	8.1	73603.5	-4646.1								
1664	9.8	73606.5	-4633.6								
1665	10.0	73607.0	-4617.0								
1666	10.0	73617.0	-4624.2								
1667	10.0	73623.5	-4620.1								
1668	10.4	73628.0	-4618.5								
1669	9.8	73628.0	-4612.3								
1670	10.0	73629.0	-4637.1								
1671	10.4	73630.8	-4619.1								
1672	9.8	73631.0	-4609.9								
1673	9.0	73631.5	-4629.5								
1674	10.1	73637.0	-4647.1								
1675	10.4	73642.0	-4606.2								
1676	10.4	73644.7	-4622.4								
1677	10.4	73645.0	-4623.2								

1678	10.4	73653.5	-4629.5	1768	10.4	74341.3	-4603.7	1858	9.0	74938.7	-4638.4
1679	10.1	73654.2	-4647.8	1769	10.2	74342.3	-4656.0	1859	10.2	74939.7	-4642.9
1680	10.4	73656.0	-4600.0	1770	5.4	74344.8	-4617.8	1860	9.9	74942.7	-4652.0
1681	10.4	73700.0	-4606.6	1771	10.2	74344.8	-4653.4	1861	10.1	74948.7	-4613.3
1682	10.4	73702.5	-4606.5	1772	10.2	74347.3	-4629.4	1862	10.2	74953.7	-4627.3
1683	10.4	73703.0	-4620.8	1773	9.9	74348.3	-4636.7	1863	10.4	74955.7	-4615.2
1684	10.0	73706.2	-4627.2	1774	7.4	74350.8	-4642.2	1864	10.2	75003.7	-4610.0
1685	9.6	73708.0	-4613.7	1775	8.3	74352.3	-4645.7	1865	9.7	75004.7	-4607.0
1686	10.2	73709.5	-4616.3	1776	9.4	74400.3	-4612.8	1866	9.3	75011.2	-4615.2
1687	10.4	73711.4	-4657.1	1777	10.4	74402.8	-4626.6	1867	10.4	75012.9	-4657.3
1688	9.8	73713.5	-4640.5	1778	10.4	74407.3	-4630.9	1868	10.2	75014.2	-4633.1
1689	10.4	73716.0	-4604.0	1779	9.9	74411.3	-4617.6	1869	10.4	75015.2	-4630.9
1690	10.4	73718.0	-4655.6	1780	10.4	74420.8	-4641.1	1870	10.0	75017.2	-4641.6
1691	10.0	73721.0	-4638.4	1781	9.6	74422.3	-4603.7	1871	10.4	75026.7	-4644.4
1692	10.0	73723.3	-4650.7	1782	8.2	74426.6	-4658.0	1872	9.7	75028.2	-4644.2
1693	9.8	73723.7	-4617.0	1783	8.8	74432.8	-4605.4	1873	10.4	75028.2	-4643.1
1694	10.4	73729.0	-4633.1	1784	9.9	74435.3	-4605.5	1874	9.6	75029.7	-4630.3
1695	10.4	73731.0	-4608.4	1785	9.1	74435.8	-4603.6	1875	9.7	75034.7	-4627.4
1696	10.4	73740.0	-4634.8	1786	9.8	74437.3	-4615.5	1876	8.7	75037.7	-4658.8
1697	10.4	73745.0	-4623.1	1787	6.9	74437.3	-4645.8	1877	10.2	75045.7	-4645.3
1698	9.9	73802.0	-4653.4	1788	9.6	74437.8	-4629.0	1878	9.1	75052.2	-4643.3
1699	8.5	73807.0	-4637.0	1789	8.5	74444.8	-4638.3	1879	9.7	75054.2	-4620.2
1700	10.4	73810.5	-4638.9	1790	10.4	74450.3	-4650.4	1880	10.4	75100.7	-4615.1
1701	10.4	73811.0	-4619.8	1791	10.4	74451.3	-4620.4	1881	10.2	75104.7	-4643.7
1702	8.4	73822.5	-4621.8	1792	8.4	74509.8	-4618.4	1882	10.4	75106.2	-4619.3
1703	10.4	73827.0	-4611.2	1793	10.4	74513.3	-4607.9	1883	10.2	75106.7	-4648.9
1704	10.4	73835.0	-4612.3	1794	9.9	74521.3	-4622.0	1884	10.2	75108.7	-4607.0
1705	9.0	73858.5	-4636.5	1795	4.3	74526.4	-4603.5	1885	10.4	75109.2	-4605.1
1706	10.4	73913.5	-4630.0	1796	6.4	74527.8	-4632.5	1886	10.4	75109.9	-4649.4
1707	10.4	73924.0	-4615.7	1797	10.4	74529.3	-4647.5	1887	10.0	75111.2	-4630.3
1708	10.4	73924.0	-4616.1	1798	9.4	74530.8	-4648.5	1888	10.4	75113.7	-4654.4
1709	10.0	73931.0	-4624.5	1799	9.0	74531.3	-4603.8	1889	9.7	75118.7	-4621.5
1710	9.4	73937.5	-4605.4	1800	10.2	74532.6	-4658.4	1890	10.4	75125.7	-4614.8
1711	7.9	73941.0	-4644.8	1801	9.9	74532.8	-4638.9	1891	9.2	75129.7	-4614.4
1712	10.4	73950.5	-4656.1	1802	10.4	74535.8	-4605.0	1892	9.9	75130.2	-4625.0
1713	9.3	74008.0	-4632.8	1803	8.8	74536.8	-4601.9	1893	10.4	75134.2	-4609.9
1714	10.4	74008.5	-4658.8	1804	10.4	74543.8	-4642.4	1894	8.6	75137.2	-4620.0
1715	10.4	74012.5	-4606.9	1805	10.4	74544.8	-4643.3	1895	8.5	75138.6	-4659.0
1716	10.0	74027.5	-4612.7	1806	10.4	74548.6	-4657.0	1896	10.0	75138.8	-4627.8
1717	10.4	74030.0	-4604.3	1807	10.0	74553.0	-4604.0	1897	10.0	75139.7	-4629.1
1718	10.1	74032.0	-4615.9	1808	10.4	74606.3	-4640.6	1898	10.4	75140.0	-4659.4
1719	9.8	74033.5	-4624.4	1809	10.4	74607.3	-4631.6	1899	10.4	75140.7	-4635.4
1720	10.4	74039.5	-4652.5	1810	10.4	74620.8	-4635.1	1900	10.4	75141.7	-4639.3
1721	10.4	74041.0	-4659.4	1811	10.4	74621.3	-4637.2	1901	10.4	75142.2	-4633.1
1722	10.4	74043.3	-4651.5	1812	10.4	74630.8	-4627.0	1902	10.0	75142.2	-4615.5
1723	9.7	74043.5	-4641.8	1813	10.4	74638.8	-4646.2	1903	9.6	75143.2	-4604.0
1724	10.4	74043.5	-4640.9	1814	10.1	74650.3	-4631.0	1904	10.4	75143.2	-4636.9
1725	7.2	74057.5	-4642.4	1815	10.1	74652.3	-4653.2	1905	10.4	75143.9	-4620.5
1726	10.4	74057.5	-4618.7	1816	10.4	74653.1	-4658.9	1906	10.4	75147.2	-4656.5
1727	10.4	74102.0	-4649.8	1817	8.3	74656.8	-4600.6	1907	10.4	75149.2	-4655.4
1728	10.4	74105.0	-4654.8	1818	9.7	74700.3	-4626.0	1908	10.0	75149.7	-4648.3
1729	8.5	74109.0	-4616.1	1819	10.2	74701.3	-4603.5	1909	10.2	75157.2	-4643.1
1730	10.1	74110.0	-4622.1	1820	8.0	74704.3	-4633.0	1910	10.4	75158.2	-4628.0
1731	10.4	74119.0	-4644.0	1821	9.9	74710.8	-4612.8	1911	9.7	75201.7	-4632.4
1732	10.1	74119.0	-4606.1	1822	10.4	74714.8	-4616.1	1912	10.4	75204.7	-4637.9
1733	10.1	74121.3	-4602.0	1823	7.2	74729.8	-4653.8	1913	10.2	75208.2	-4646.2
1734	10.2	74122.5	-4643.4	1824	10.1	74731.8	-4635.2	1914	9.7	75210.7	-4642.0
1735	10.0	74125.5	-4648.5	1825	10.4	74732.3	-4632.9	1915	10.4	75214.2	-4610.7
1736	9.7	74139.0	-4639.9	1826	8.6	74734.8	-4622.9	1916	8.2	75223.5	-4659.1
1737	10.2	74142.0	-4646.1	1827	10.4	74740.8	-4629.0	1917	10.4	75225.2	-4620.9
1738	10.4	74144.0	-4641.1	1828	9.6	74746.3	-4646.6	1918	9.9	75228.7	-4646.4
1739	10.4	74146.0	-4651.3	1829	9.7	74748.8	-4634.9	1919	10.4	75236.2	-4620.2
1740	10.2	74147.0	-4639.4	1830	9.4	74803.8	-4617.4	1920	9.7	75236.2	-4632.8
1741	10.0	74149.0	-4620.6	1831	9.2	74804.3	-4656.0	1921	9.7	75236.7	-4628.2
1742	10.2	74151.5	-4638.5	1832	10.4	74808.8	-4632.7	1922	9.7	75248.7	-4652.9
1743	9.1	74159.5	-4628.0	1833	9.7	74816.8	-4643.4	1923	10.4	75250.2	-4606.4
1744	10.4	74201.5	-4623.2	1834	9.8	74818.8	-4611.9	1924	9.0	75250.7	-4608.5
1745	10.2	74202.5	-4606.7	1835	10.4	74823.3	-4654.3	1925	9.9	75255.7	-4643.0
1746	10.2	74203.0	-4624.4	1836	10.2	74824.9	-4623.1	1926	10.4	75256.7	-4648.0
1747	10.4	74205.5	-4624.1	1837	9.8	74837.3	-4645.7	1927	10.4	75300.7	-4601.0
1748	9.7	74210.5	-4627.0	1838	8.8	74840.8	-4654.4	1928	10.2	75307.2	-4627.9
1749	10.4	74210.5	-4609.4	1839	8.9	74843.8	-4609.1	1929	10.4	75311.2	-4616.1
1750	10.1	74211.5	-4616.6	1840	9.7	74856.9	-4604.1	1930	10.4	75312.2	-4651.1
1751	10.0	74215.3	-4628.9	1841	10.4	74857.3	-4644.9	1931	9.9	75316.7	-4636.9
1752	10.4	74219.3	-4622.2	1842	10.4	74858.8	-4604.7	1932	10.2	75318.7	-4615.9
1753	9.4	74220.3	-4642.0	1843	10.1	74902.3	-4653.7	1933	10.4	75320.7	-4628.0
1754	9.8	74230.8	-4605.2	1844	10.2	74906.3	-4616.8	1934	10.2	75320.7	-4610.2
1755	8.4	74244.8	-4638.1	1845	10.4	74906.8	-4609.2	1935	9.4	75326.7	-4614.2
1756	10.2	74247.8	-4620.0	1846	10.4	74911.8	-4617.4	1936	10.4	75328.2	-4613.1
1757	7.4	74300.8	-4629.6	1847	10.2	74916.8	-4616.9	1937	9.9	75329.2	-4615.1
1758	10.4	74302.3	-4610.9	1848	10.4	74919.8	-4636.1	1938	8.8	75329.7	-4645.8
1759	10.4	74304.8	-4609.4	1849	10.2	74920.3	-4609.9	1939	10.2	75338.7	-4618.7
1760	7.9	74305.8	-4645.2	1850	9.9	74921.7	-4622.2	1940	10.0	75338.7	-4649.7
1761	10.4	74319.1	-4659.7	1851	10.2	74922.7	-4644.9	1941	10.4	75344.2	-4648.9
1762	10.4	74320.6	-4657.8	1852	9.3	74923.2	-4622.3	1942	10.0	75347.2	-4633.8
1763	10.4	74330.3	-4641.3	1853	10.2	74923.2	-4604.3	1943	7.6	75347.7	-4615.3
1764	10.4	74332.3	-4622.7	1854	9.8	74931.7	-4625.9	1944	10.4	75348.7	-4647.3
1765	10.4	74333.8	-4613.8	1855	10.2	74934.2	-4615.8	1945	10.4	75350.7	-4608.0
1766	9.6	74337.3	-4643.0	1856	10.2	74937.2	-4654.0	1946	9.7	75352.2	-4625.0
1767	10.4	74340.3	-4647.2	1857	10.0	74937.2	-4657.1	1947	10.1	75402.2	-4605.9
1948	9.8	75404.7	-4625.2								
1949	10.4	75410.2	-4648.6								
1950	9.9	75411.2	-4619.0								
1951	9.7	75420.2	-4628.1								
1952	9.9	75420.7	-4609.8								
1953	10.4	75437.2	-4633.4								
1954	9.8	75447.7	-4644.7								
1955	9.9	75449.2	-4605.0								
1956	10.0	75449.7	-4644.5								
1957	9.6	75450.7	-4631.5								
1958	9.9	75450.7	-4633.1								
1959	10.1	75453.7	-4651.5								
1960	10.4	75454.2	-4631.1								
1961	9.7	75455.2	-4627.4								
1962	9.2	75455.7	-4605.3								
1963	10.4	75457.2	-4624.0								
1964	10.4	75502.2	-4602.1								
1965	10.4	75504.7	-4655.7								
1966	10.2	75505.7	-4607.7								
1967	9.9	75506.2	-4608.4								
1968	10.4	75509.7	-4626.3								
1969	9.2	75512.2	-4611.9								
1970	8.3	75514.2	-4648.0								
1971	10.2	75514.7	-4656.4								
1972	10.4	75518.2	-4649.0								
1973	10.4	75520.2	-4654.5								
1974	9.2	75530.0	-4600.9								
1975	10.4	75531.7	-4626.7								
1976	8.9	75534.7	-4647.2								
1977	10.4	75537.2	-4607.1								
1978	10.4	75542.2	-4620.4								
1979	10.4	75546.7	-4604.4								
1980	10.4	75550.2	-4638.0								
1981	9.4	75555.7	-4633.6								
1982	8.7	75558.7	-4657.3								
1983	7.7	75558.7	-4657.7								
1984	9.7	75558.7	-4612.7								
1985	10.0	75602.3	-4634.1								
1986	9.8	75605.7	-4621.6								
1987	10.1	75609.7	-4603.2								
1988	10.2	75610.0	-4634.6								
1989	10.2	75610.7	-4647.2								
1990	10.4	75611.0	-4618.9								
1991	9.6	75611.2	-4617.0								
1992	10.4	75614.7	-4632.9								
1993	8.4	75619.7	-4610.4								
1994	10.2	75629.2	-4612.3								
1995	10.4	75638.2	-4612.8								
1996	9.8	75638.7	-4648.9								
1997	10.0	75647.2	-4632.9								
1998	9.9	75648.7	-4658.9								
1999	10.0	75648.7	-4625.0								
2000	9.9	75651.2	-4622.1								
2001	10.2	75652.7	-4607.3								
2002	10.0	75700.7	-4647.7								
2003	9.4	75701.7	-4633.9								
2004	10.4	75702.2	-4641.6								
2005	10.2	75703.2	-4606.8								
2006	9.0	75709.7	-4609.0								
2007	8.6	75711.7	-4608.7								
2008	9.1	75711.7	-4629.1								
2009	10.1	75715.0	-4602.2								
2010	10.4	75722.2	-4655.8								
2011	10.2	75728.2	-4625.0								
2012	10.0	75728.7	-4606.7								
2013	10.4	75729.7	-4623.8								
2014	10.4	75732.7	-4622.6								
2015	10.2	75733.7	-4605.7								
2016	10.1	75734.7	-4636.3								
2017	8.4	75740.7	-4657.2								
2018	10.0	75740.7	-4612.3								
2019	10.0	75743.2	-4650.0								
2020	10.4	75744.6	-4633.0								
2021	8.9	75747.3	-4653.9								
2022	10.0	75748.0	-4657.1								
2023	10.1	75748.6	-4612.5								
2024	9.8	75751.8	-4655.6								
2025	10.4	75752.8	-4642.1								
2026	9.0	75756.8	-4629.8								
2027	10.2	75757.8	-4656.1								
2028	10.4	75801.3	-4645.6								
2029	10.4	75806.8	-4608.6								
2030	9.6	75809.3	-4633.7								
2031	10.1	75810.8	-4632.1								
2032	10.4	75813.6	-4602.1								
2033	8.9	75820.3	-4641.0								
2034	10.4	75825.3	-4615.8								
2035	10.4	75831.6	-4656.0								
2036	10.4	75832.3	-4649.3								
2037	9.8	75833.3	-4616.1								

-46 2038 7h58m

-46 2397 8h15m

2038	8.6	75838.8	-4609.0	2128	10.4	80215.3	-4645.6	2218	9.3	80619.5	-4616.0	2308	10.0	81054.5	-4652.5
2039	10.4	75842.8	-4629.2	2129	10.2	80217.7	-4659.9	2219	10.2	80623.5	-4636.8	2309	10.2	81102.5	-4613.1
2040	7.9	75845.3	-4628.3	2130	10.4	80219.3	-4651.8	2220	10.0	80629.5	-4605.9	2310	10.2	81109.5	-4628.0
2041	10.2	75849.3	-4633.0	2131	10.0	80220.3	-4658.5	2221	9.9	80631.5	-4613.1	2311	9.8	81110.5	-4635.8
2042	10.4	75850.3	-4632.1	2132	9.6	80222.8	-4624.2	2222	10.0	80633.5	-4652.8	2312	9.8	81113.0	-4616.6
2043	10.2	75851.8	-4612.5	2133	9.4	80227.8	-4648.1	2223	10.0	80633.5	-4642.8	2313	10.2	81115.6	-4627.1
2044	10.2	75856.5	-4602.8	2134	10.4	80231.8	-4639.9	2224	10.0	80634.0	-4645.1	2314	9.6	81117.5	-4617.0
2045	10.4	75900.8	-4620.9	2135	10.4	80237.3	-4611.7	2225	9.3	80640.5	-4650.5	2315	10.2	81119.5	-4605.5
2046	10.4	75900.8	-4630.0	2136	10.2	80238.3	-4605.5	2226	9.8	80643.5	-4605.8	2316	9.8	81121.5	-4637.0
2047	10.4	75907.3	-4627.2	2137	9.4	80240.8	-4645.9	2227	9.9	80645.0	-4615.9	2317	10.2	81121.5	-4648.1
2048	10.2	75907.8	-4620.1	2138	10.4	80243.8	-4648.9	2228	9.8	80650.5	-4607.4	2318	10.0	81126.0	-4645.9
2049	10.4	75915.3	-4622.5	2139	10.4	80245.3	-4653.0	2229	8.6	80659.5	-4632.6	2319	8.8	81131.5	-4639.8
2050	10.2	75916.8	-4603.2	2140	9.9	80250.3	-4624.1	2230	9.6	80701.5	-4655.8	2320	9.0	81131.5	-4651.7
2051	9.1	75918.3	-4609.6	2141	10.4	80253.8	-4649.9	2231	9.6	80702.5	-4657.8	2321	9.8	81132.5	-4656.0
2052	9.8	75919.3	-4641.0	2142	9.7	80255.3	-4626.3	2232	9.6	80705.0	-4637.9	2322	9.8	81136.5	-4635.5
2053	9.0	75919.8	-4642.0	2143	9.9	80300.3	-4630.7	2233	9.0	80708.0	-4620.6	2323	9.8	81145.0	-4638.9
2054	10.4	75921.3	-4606.1	2144	10.4	80300.8	-4639.9	2234	9.8	80717.4	-4602.0	2324	9.1	81145.5	-4626.3
2055	10.2	75923.3	-4606.0	2145	10.2	80302.8	-4616.3	2235	10.0	80718.0	-4602.6	2325	9.8	81146.0	-4603.3
2056	10.2	75936.3	-4619.9	2146	9.6	80305.3	-4614.8	2236	9.8	80719.0	-4631.6	2326	10.2	81148.0	-4617.9
2057	10.4	75947.3	-4615.2	2147	8.9	80306.8	-4655.8	2237	9.8	80722.5	-4604.8	2327	10.2	81148.0	-4643.2
2058	10.4	75947.3	-4635.6	2148	10.1	80308.8	-4621.3	2238	8.8	80723.5	-4651.0	2328	9.8	81157.5	-4651.5
2059	8.7	75948.3	-4613.1	2149	10.2	80313.8	-4637.8	2239	9.8	80727.5	-4605.1	2329	9.8	81202.0	-4652.1
2060	10.4	75948.8	-4629.5	2150	7.9	80318.3	-4616.7	2240	10.2	80729.0	-4637.8	2330	10.2	81203.0	-4659.0
2061	9.0	75949.8	-4612.8	2151	9.7	80318.3	-4600.7	2241	9.3	80729.5	-4649.0	2331	8.8	81205.0	-4648.1
2062	9.7	75951.8	-4637.0	2152	10.4	80319.3	-4652.9	2242	9.9	80730.5	-4643.1	2332	9.2	81206.0	-4617.4
2063	9.6	75957.3	-4617.3	2153	10.0	80322.3	-4636.5	2243	10.2	80734.5	-4657.1	2333	10.0	81211.5	-4658.1
2064	9.7	75958.3	-4644.1	2154	10.4	80324.8	-4601.6	2244	10.2	80734.5	-4609.7	2334	10.0	81216.0	-4655.7
2065	10.2	80001.3	-4622.5	2155	10.4	80327.8	-4650.5	2245	10.2	80736.5	-4626.8	2335	9.9	81216.5	-4620.6
2066	10.4	80002.8	-4652.1	2156	10.4	80331.8	-4603.2	2246	10.2	80738.0	-4610.0	2336	9.6	81217.0	-4648.1
2067	10.2	80003.8	-4654.8	2157	10.4	80334.3	-4651.1	2247	9.8	80746.5	-4622.8	2337	9.8	81219.5	-4616.4
2068	10.4	80006.3	-4627.0	2158	10.2	80338.8	-4611.4	2248	8.8	80747.5	-4658.9	2338	10.2	81220.5	-4608.1
2069	10.4	80009.3	-4610.5	2159	9.9	80340.3	-4603.7	2249	9.4	80756.0	-4637.7	2339	9.4	81221.0	-4616.0
2070	8.8	80010.8	-4642.5	2160	10.4	80342.3	-4604.5	2250	9.5	80759.0	-4653.3	2340	10.0	81222.5	-4600.2
2071	10.4	80015.3	-4633.2	2161	10.4	80346.3	-4643.3	2251	10.2	80759.7	-4639.5	2341	9.7	81225.0	-4649.0
2072	10.2	80015.8	-4655.8	2162	9.8	80350.3	-4659.4	2252	9.7	80800.5	-4634.9	2342	9.6	81227.0	-4651.0
2073	10.4	80016.8	-4649.3	2163	10.4	80350.3	-4638.1	2253	9.6	80800.5	-4633.2	2343	8.8	81228.5	-4602.8
2074	10.4	80016.8	-4648.1	2164	7.4	80350.3	-4653.5	2254	7.4	80804.7	-4616.2	2344	10.2	81230.5	-4631.4
2075	10.0	80017.3	-4640.5	2165	9.7	80352.8	-4627.1	2255	10.2	80808.5	-4633.6	2345	9.8	81230.5	-4604.3
2076	9.9	80021.8	-4642.2	2166	10.4	80354.3	-4608.3	2256	10.0	80809.0	-4617.2	2346	10.2	81237.5	-4606.9
2077	9.9	80026.8	-4615.3	2167	10.2	80358.3	-4604.9	2257	9.8	80810.5	-4606.0	2347	10.0	81239.0	-4653.3
2078	10.4	80028.3	-4636.1	2168	9.2	80359.3	-4643.0	2258	9.4	80815.0	-4617.2	2348	9.8	81244.5	-4652.6
2079	9.0	80028.3	-4633.8	2169	10.0	80410.3	-4613.1	2259	9.9	80825.5	-4624.1	2349	10.0	81250.0	-4640.0
2080	10.4	80029.1	-4658.9	2170	10.4	80411.3	-4618.3	2260	9.6	80829.0	-4659.1	2350	8.6	81252.0	-4614.3
2081	9.3	80030.8	-4647.1	2171	8.6	80416.3	-4653.3	2261	9.8	80834.0	-4637.3	2351	10.2	81253.5	-4645.6
2082	10.2	80032.3	-4601.6	2172	9.6	80420.3	-4644.1	2262	10.2	80841.5	-4613.7	2352	10.0	81258.0	-4636.9
2083	10.4	80039.3	-4652.3	2173	10.4	80421.8	-4617.1	2263	9.9	80844.0	-4623.4	2353	9.9	81259.5	-4624.4
2084	10.4	80045.8	-4601.4	2174	10.2	80427.3	-4647.3	2264	10.0	80844.7	-4637.3	2354	9.8	81303.5	-4626.9
2085	10.4	80046.3	-4643.7	2175	10.1	80427.8	-4644.1	2265	10.2	8085[illegible].5	-4642.0	2355	9.8	81306.5	-4603.9
2086	9.7	80051.8	-4610.3	2176	9.2	80428.8	-4614.6	2266	10.2	8085[illegible].5	-4641.8	2356	9.2	81309.0	-4623.7
2087	10.4	80054.5	-4652.7	2177	9.6	80429.3	-4628.7	2267	10.0	8085 .0	-4627.9	2357	9.6	81311.5	-4657.5
2088	10.4	80056.3	-4614.3	2178	8.4	80430.3	-4647.6	2268	10.2	8090 .0	-4618.9	2358	7.8	81320.5	-4630.3
2089	9.8	80058.3	-4616.0	2179	10.4	80430.8	-4625.2	2269	10.2	8090. .0	-4653.9	2359	9.8	81320.5	-4628.7
2090	10.2	80058.3	-4652.3	2180	10.0	80434.3	-4618.2	2270	9.2	8090. .5	-4636.6	2360	9.9	81320.5	-4637.0
2091	10.2	80100.3	-4634.0	2181	9.8	80436.3	-4659.4	2271	9.2	8090[illegible].2	-4602.9	2361	10.0	81320.5	-4650.2
2092	10.4	80101.8	-4653.6	2182	9.6	80446.8	-4621.9	2272	10.0	80910.0	-4640.2	2362	10.2	81320.5	-4606.3
2093	10.4	80103.8	-4653.5	2183	10.1	80458.6	-4636.6	2273	9.7	80918.5	-4607.1	2363	10.2	81323.0	-4638.7
2094	10.2	80104.4	-4642.5	2184	8.8	80500.1	-4626.3	2274	9.8	80919.5	-4630.3	2364	8.8	81323.5	-4637.4
2095	10.0	80105.3	-4639.0	2185	7.3	80500.3	-4648.5	2275	9.7	80921.5	-4639.9	2365	8.8	81329.5	-4610.0
2096	9.4	80108.3	-4644.1	2186	10.4	80501.3	-4638.1	2276	10.0	80925.5	-4638.4	2366	9.2	81332.5	-4630.9
2097	10.4	80109.3	-4630.3	2187	10.4	80503.3	-4637.6	2277	9.7	80928.5	-4637.9	2367	10.2	81333.0	-4635.5
2098	8.8	80113.3	-4627.5	2188	10.1	80503.9	-4608.1	2278	9.2	80932.5	-4615.2	2368	9.6	81333.5	-4634.5
2099	10.4	80117.8	-4603.1	2189	10.2	80509.3	-4618.9	2279	10.2	80937.4	-4658.0	2369	9.8	81335.0	-4607.9
2100	10.1	80119.8	-4624.1	2190	9.7	80510.2	-4653.8	2280	10.2	80937.5	-4630.0	2370	10.2	81337.5	-4637.0
2101	8.3	80121.8	-4641.3	2191	10.2	80511.3	-4615.9	2281	6.0	80942.3	-4636.8	2371	10.2	81340.5	-4631.5
2102	8.8	80122.3	-4623.2	2192	10.2	80514.0	-4659.8	2282	9.6	80945.5	-4657.4	2372	10.2	81340.9	-4601.7
2103	10.2	80123.3	-4605.2	2193	9.8	80514.5	-4622.0	2283	7.4	80949.0	-4611.9	2373	8.2	81342.5	-4641.2
2104	10.2	80126.4	-4603.6	2194	9.8	80516.0	-4639.6	2284	10.0	80949.5	-4631.1	2374	10.2	81342.5	-4626.4
2105	6.9	80129.3	-4637.3	2195	8.4	80518.5	-4637.8	2285	9.8	80951.0	-4602.2	2375	9.8	81344.0	-4623.0
2106	10.2	80130.3	-4639.7	2196	10.2	80518.8	-4615.1	2286	8.5	80952.5	-4633.6	2376	9.6	81346.5	-4637.4
2107	9.8	80130.3	-4634.0	2197	10.2	80519.0	-4605.0	2287	10.2	80959.0	-4628.4	2377	10.2	81350.0	-4619.9
2108	10.0	80132.3	-4624.1	2198	8.6	80524.5	-4651.7	2288	8.3	80959.5	-4650.0	2378	9.7	81351.5	-4628.7
2109	10.4	80132.3	-4621.9	2199	10.2	80529.0	-4604.8	2289	9.8	81001.0	-4605.6	2379	10.2	81352.5	-4611.3
2110	10.4	80135.8	-4623.1	2200	10.2	80530.5	-4643.4	2290	10.0	81002.5	-4648.0	2380	10.0	81356.0	-4619.6
2111	9.0	80138.3	-4617.8	2201	9.8	80533.5	-4656.7	2291	10.2	81002.5	-4630.2	2381	9.0	81357.0	-4640.8
2112	10.4	80146.8	-4623.2	2202	3.5	80540.5	-4658.0	2292	10.2	81007.0	-4636.9	2382	10.0	81402.5	-4626.8
2113	10.0	80150.0	-4600.8	2203	10.0	80551.0	-4641.0	2293	8.0	81011.0	-4632.4	2383	7.8	81405.5	-4642.1
2114	10.4	80150.3	-4604.9	2204	9.0	80551.5	-4656.6	2294	8.6	81011.5	-4616.0	2384	9.6	81406.0	-4625.0
2115	10.4	80151.8	-4625.1	2205	9.8	80552.5	-4628.0	2295	10.0	81012.6	-4608.9	2385	10.2	81408.5	-4643.9
2116	10.0	80151.8	-4651.1	2206	9.6	80555.5	-4633.9	2296	9.8	81015.5	-4635.1	2386	9.8	81410.5	-4658.1
2117	10.4	80158.3	-4624.3	2207	9.9	80557.5	-4628.1	2297	10.2	81034.0	-4614.3	2387	10.0	81411.5	-4620.9
2118	9.9	80203.3	-4649.0	2208	9.6	80557.5	-4634.9	2298	10.2	81037.5	-4611.4	2388	9.6	81415.0	-4610.9
2119	10.1	80204.8	-4619.2	2209	10.0	80602.6	-4656.6	2299	9.4	81039.5	-4656.9	2389	9.8	81415.1	-4656.7
2120	10.1	80205.3	-4606.5	2210	9.2	80603.0	-4632.9	2300	9.6	81040.5	-4637.0	2390	8.9	81415.5	-4652.1
2121	9.1	80205.8	-4623.3	2211	9.8	80605.5	-4639.4	2301	8.7	81044.0	-4629.7	2391	9.6	81423.0	-4606.9
2122	9.7	80207.8	-4639.0	2212	9.6	80607.5	-4655.7	2302	9.0	81046.0	-4631.6	2392	8.0	81423.5	-4644.7
2123	10.4	80209.8	-4604.6	2213	10.2	80608.0	-4615.7	2303	8.5	81048.5	-4645.7	2393	9.4	81433.0	-4625.8
2124	10.2	80211.8	-4607.1	2214	10.0	80610.5	-4652.0	2304	10.2	81052.5	-4646.4	2394	9.7	81440.5	-4654.2
2125	10.4	80212.3	-4652.5	2215	10.2	80613.0	-4613.8	2305	9.4	81053.0	-4654.1	2395	9.8	81449.5	-4649.0
2126	10.4	80213.3	-4607.7	2216	9.8	80616.5	-4647.8	2306	7.3	81053.0	-4606.3	2396	9.6	81450.5	-4633.1
2127	10.2	80213.8	-4633.5	2217	10.0	80619.0	-4614.7	2307	9.6	81053.5	-4651.4	2397	9.6	81501.0	-4654.7

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2398	10.2	81502.0	-4645.5	2489	9.6	82029.5	-4644.2	2578	9.8	82525.4	-4621.0	2668	9.6	82951.3	-4635.8
2399	7.8	81502.5	-4649.2	2489	10.2	82031.5	-4609.6	2579	10.0	82530.9	-4653.9	2669	10.2	82958.8	-4640.0
2400	9.8	81502.5	-4643.9	2490	9.7	82032.0	-4603.3	2580	9.8	82536.9	-4650.5	2670	9.4	82959.3	-4657.4
2401	9.6	81512.5	-4611.5	2491	9.8	82034.5	-4600.7	2581	10.2	82538.9	-4603.4	2671	9.2	83001.3	-4630.0
2402	10.0	81521.5	-4613.5	2492	9.9	82035.5	-4606.2	2582	10.2	82538.9	-4654.8	2672	9.2	83002.3	-4606.7
2403	9.3	81525.0	-4644.4	2493	10.2	82036.2	-4628.3	2583	10.2	82545.9	-4637.1	2673	9.8	83002.3	-4615.4
2404	8.9	81534.0	-4652.9	2494	9.3	82040.5	-4604.5	2584	9.0	82548.9	-4634.7	2674	9.7	83006.3	-4641.5
2405	8.5	81536.8	-4602.8	2495	9.8	82041.5	-4653.9	2585	10.2	82551.4	-4640.2	2675	9.3	83008.8	-4626.3
2406	10.2	81545.5	-4652.2	2496	9.0	82044.5	-4646.1	2586	9.8	82551.9	-4650.0	2676	9.2	83009.8	-4623.2
2407	9.6	81545.5	-4638.5	2497	10.2	82057.0	-4611.2	2587	10.2	82552.4	-4623.0	2677	9.6	83010.3	-4656.6
2408	9.8	81549.0	-4628.8	2498	9.8	82058.5	-4644.4	2588	10.2	82553.4	-4616.2	2678	9.8	83010.8	-4620.0
2409	10.2	81549.5	-4647.0	2499	9.8	82101.0	-4658.8	2589	9.6	82559.9	-4607.0	2679	9.6	83014.8	-4629.0
2410	9.4	81551.5	-4608.0	2500	9.9	82105.5	-4603.9	2590	10.2	82600.4	-4637.7	2680	8.8	83020.3	-4635.7
2411	9.6	81553.1	-4656.9	2501	10.2	82109.5	-4618.1	2591	9.7	82601.9	-4606.1	2681	8.4	83022.8	-4641.8
2412	9.2	81557.5	-4609.3	2502	9.6	82110.5	-4643.0	2592	10.2	82602.9	-4631.7	2682	9.6	83024.3	-4631.0
2413	9.6	81606.0	-4646.2	2503	9.2	82117.0	-4634.1	2593	9.6	82603.4	-4648.7	2683	9.6	83024.8	-4642.9
2414	9.4	81610.0	-4625.5	2504	9.9	82117.0	-4623.0	2594	9.8	82607.4	-4615.8	2684	9.8	83028.3	-4617.3
2415	9.9	81610.5	-4639.8	2505	9.7	82122.0	-4642.4	2595	10.2	82607.9	-4614.0	2685	9.8	83032.8	-4640.6
2416	9.2	81611.0	-4601.1	2506	9.9	82122.0	-4605.8	2596	10.2	82609.9	-4614.5	2686	9.8	83032.8	-4628.2
2417	8.8	81617.6	-4659.8	2507	9.6	82126.5	-4608.9	2597	10.2	82617.3	-4601.1	2687	10.0	83048.8	-4617.1
2418	9.6	81621.5	-4605.0	2508	8.3	82129.5	-4613.6	2598	10.0	82618.9	-4610.7	2688	10.2	83052.3	-4647.9
2419	8.1	81626.0	-4635.8	2509	9.8	82134.5	-4629.6	2599	9.9	82621.4	-4655.1	2689	10.2	83052.8	-4613.9
2420	10.0	81627.0	-4656.1	2510	10.2	82140.3	-4602.6	2600	9.0	82621.9	-4635.7	2690	10.2	83054.3	-4635.5
2421	9.8	81628.5	-4642.9	2511	9.7	82141.5	-4637.5	2601	9.8	82626.4	-4627.4	2691	9.1	83056.8	-4633.0
2422	9.8	81636.5	-4648.0	2512	9.6	82144.0	-4644.4	2602	10.0	82628.9	-4655.9	2692	9.7	83059.8	-4649.5
2423	9.8	81637.5	-4615.7	2513	9.5	82150.5	-4632.0	2603	9.6	82632.9	-4642.0	2693	9.8	83101.8	-4657.4
2424	9.8	81638.6	-4601.8	2514	10.0	82151.0	-4643.0	2604	10.0	82633.4	-4628.1	2694	9.8	83104.8	-4620.9
2425	9.2	81651.5	-4645.8	2515	9.6	82152.5	-4608.4	2605	9.8	82635.9	-4649.3	2695	9.9	83106.8	-4629.7
2426	10.2	81653.0	-4642.6	2516	9.6	82153.0	-4610.4	2606	9.8	82638.9	-4642.8	2696	10.2	83107.8	-4604.9
2427	10.2	81654.0	-4640.5	2517	9.8	82155.0	-4615.7	2607	10.2	82638.9	-4611.8	2697	9.6	83113.8	-4603.8
2428	9.8	81655.0	-4633.3	2518	10.0	82205.5	-4650.8	2608	10.2	82640.9	-4644.5	2698	10.2	83120.8	-4637.9
2429	9.8	81656.5	-4634.9	2519	9.8	82211.5	-4603.5	2609	10.2	82641.4	-4638.0	2699	9.9	83121.3	-4627.1
2430	10.2	81702.5	-4651.7	2520	9.6	82215.0	-4635.1	2610	10.0	82649.9	-4637.3	2700	9.7	83130.3	-4657.2
2431	9.8	81706.0	-4606.9	2521	10.2	82217.0	-4609.9	2611	10.2	82650.9	-4655.8	2701	10.2	83143.6	-4657.3
2432	8.4	81707.0	-4636.1	2522	10.2	82236.0	-4633.3	2612	9.3	82653.8	-4654.6	2702	10.2	83144.1	-4603.7
2433	10.2	81707.5	-4659.1	2523	9.2	82238.5	-4631.1	2613	9.8	82701.8	-4655.6	2703	9.8	83146.1	-4606.4
2434	8.6	81712.0	-4655.7	2524	9.8	82239.5	-4639.5	2614	10.2	82703.3	-4653.6	2704	8.6	83146.9	-4641.7
2435	8.8	81712.5	-4605.1	2525	9.9	82242.3	-4641.2	2615	10.0	82706.8	-4603.1	2705	9.8	83149.6	-4651.1
2436	10.2	81712.5	-4607.4	2526	10.0	82250.0	-4623.8	2616	10.2	82707.8	-4629.2	2706	9.8	83150.6	-4605.5
2437	10.0	81713.0	-4641.8	2527	9.6	82250.3	-4636.5	2617	9.2	82712.8	-4605.8	2707	7.8	83154.8	-4604.1
2438	9.8	81714.0	-4630.0	2528	9.0	82251.8	-4623.9	2618	10.0	82714.3	-4655.0	2708	9.9	83154.8	-4646.3
2439	10.2	81716.5	-4631.4	2529	9.9	82255.8	-4610.1	2619	10.0	82715.8	-4640.0	2709	9.9	83155.7	-4625.2
2440	10.0	81718.5	-4643.0	2530	10.0	82256.8	-4638.0	2620	9.8	82723.3	-4629.6	2710	9.6	83156.6	-4605.5
2441	9.6	81719.0	-4613.7	2531	10.0	82259.3	-4607.5	2621	9.8	82725.3	-4635.0	2711	10.2	83157.3	-4603.6
2442	9.6	81719.0	-4636.3	2532	8.9	82302.3	-4605.9	2622	9.8	82728.8	-4603.0	2712	10.0	83200.6	-4618.1
2443	9.5	81728.0	-4612.1	2533	9.7	82303.8	-4653.8	2623	10.2	82732.3	-4629.8	2713	9.5	83200.6	-4620.6
2444	10.2	81729.5	-4610.4	2534	10.0	82310.5	-4607.2	2624	7.4	82737.8	-4649.2	2714	10.2	83202.8	-4638.7
2445	10.2	81733.0	-4640.2	2535	10.2	82315.3	-4622.2	2625	9.7	82741.8	-4633.2	2715	9.2	83205.1	-4642.9
2446	9.8	81736.0	-4629.9	2536	10.2	82320.8	-4623.1	2626	9.8	82747.3	-4609.0	2716	9.8	83207.4	-4609.4
2447	10.0	81737.0	-4653.6	2537	10.2	82321.8	-4620.6	2627	9.8	82747.3	-4647.0	2717	8.8	83209.4	-4614.4
2448	9.9	81738.0	-4642.7	2538	9.2	82324.3	-4626.3	2628	9.4	82749.8	-4603.7	2718	10.2	83211.2	-4642.1
2449	9.8	81738.9	-4657.7	2539	10.2	82328.8	-4608.6	2629	10.0	82751.8	-4608.2	2719	10.2	83211.3	-4623.1
2450	9.2	81740.5	-4608.5	2540	9.6	82329.3	-4627.0	2630	10.2	82756.3	-4607.8	2720	10.2	83217.8	-4645.9
2451	10.0	81749.5	-4624.7	2541	9.7	82332.8	-4605.5	2631	9.5	82758.8	-4602.3	2721	10.0	83219.8	-4638.5
2452	9.4	81757.0	-4645.0	2542	9.4	82340.3	-4608.0	2632	8.8	82800.8	-4654.2	2722	9.1	83221.1	-4652.1
2453	9.3	81800.0	-4636.1	2543	10.0	82343.3	-4621.1	2633	9.9	82801.8	-4638.0	2723	10.2	83222.7	-4644.2
2454	10.0	81802.5	-4610.9	2544	9.4	82344.3	-4641.2	2634	9.8	82803.8	-4607.4	2724	9.6	83223.6	-4652.0
2455	10.2	81815.5	-4629.2	2545	10.2	82346.3	-4614.2	2635	10.0	82803.8	-4636.5	2725	9.6	83227.3	-4610.9
2456	9.6	81824.0	-4639.2	2546	9.9	82350.3	-4635.6	2636	10.0	82805.8	-4605.1	2726	10.1	83232.4	-4642.0
2457	9.3	81829.5	-4627.0	2547	9.4	82353.8	-4640.6	2637	9.8	82810.3	-4607.0	2727	9.4	83236.6	-4608.5
2458	10.0	81831.5	-4620.2	2548	10.2	82353.8	-4654.6	2638	10.0	82819.8	-4610.5	2728	9.8	83239.6	-4623.2
2459	10.0	81832.0	-4607.9	2549	9.8	82354.3	-4630.4	2639	9.4	82821.8	-4610.2	2729	10.2	83249.1	-4618.0
2460	9.8	81833.5	-4625.6	2550	10.2	82358.3	-4627.1	2640	10.0	82823.2	-4659.0	2730	10.2	83249.3	-4631.8
2461	10.0	81834.0	-4619.1	2551	9.6	82401.8	-4629.7	2641	10.2	82825.8	-4647.6	2731	10.2	83250.9	-4619.3
2462	9.9	81835.5	-4635.7	2552	9.0	82401.8	-4624.1	2642	10.2	82827.8	-4640.8	2732	9.2	83254.9	-4648.4
2463	10.2	81840.5	-4620.0	2553	10.2	82410.3	-4620.1	2643	9.8	82828.3	-4606.2	2733	10.2	83257.6	-4657.4
2464	10.2	81846.5	-4621.1	2554	9.8	82413.8	-4610.0	2644	9.8	82831.8	-4603.0	2734	10.1	83300.9	-4612.2
2465	8.9	81851.5	-4641.5	2555	10.2	82416.3	-4612.2	2645	10.2	82832.8	-4601.0	2735	9.8	83304.9	-4631.9
2466	10.2	81855.5	-4641.1	2556	10.2	82421.0	-4642.1	2646	8.0	82837.3	-4637.0	2736	9.4	83305.4	-4616.4
2467	10.2	81900.5	-4612.2	2557	8.2	82422.8	-4632.3	2647	9.9	82839.8	-4638.2	2737	10.2	83309.9	-4608.9
2468	9.6	81906.6	-4659.0	2558	9.8	82427.8	-4640.6	2648	10.0	82843.3	-4632.0	2738	8.2	83310.4	-4645.8
2469	10.2	81907.0	-4627.2	2559	9.7	82430.3	-4630.5	2649	9.6	82851.8	-4635.6	2739	9.8	83310.9	-4620.9
2470	10.2	81908.5	-4641.1	2560	9.6	82431.8	-4626.7	2650	9.4	82856.3	-4614.5	2740	9.6	83312.9	-4621.6
2471	9.2	81910.5	-4603.1	2561	9.2	82432.3	-4632.3	2651	9.8	82856.3	-4609.6	2741	10.2	83312.9	-4604.3
2472	10.2	81923.5	-4606.0	2562	9.7	82436.8	-4630.2	2652	9.6	82859.8	-4632.6	2742	9.8	83313.4	-4631.5
2473	9.6	81924.8	-4603.2	2563	10.0	82441.8	-4617.7	2653	8.8	82900.8	-4601.9	2743	10.2	83324.4	-4656.0
2474	10.2	81931.0	-4601.0	2564	9.4	82453.3	-4621.3	2654	9.7	82902.4	-4659.0	2744	10.2	83324.4	-4608.1
2475	9.4	81934.0	-4657.6	2565	9.8	82455.8	-4644.0	2655	9.8	82905.8	-4603.8	2745	10.0	83325.4	-4607.4
2476	9.8	81934.0	-4658.7	2566	9.9	82459.4	-4648.2	2656	9.4	82919.8	-4636.8	2746	10.2	83327.9	-4630.3
2477	10.0	81938.6	-4628.5	2567	10.2	82459.9	-4612.9	2657	10.2	82919.8	-4630.2	2747	10.1	83330.4	-4629.0
2478	10.0	81939.5	-4642.3	2568	10.0	82504.4	-4624.1	2658	10.0	82923.8	-4653.6	2748	10.2	83332.9	-4604.5
2479	9.4	81943.5	-4634.1	2569	9.9	82506.4	-4646.7	2659	7.8	82926.3	-4632.6	2749	9.8	83335.4	-4601.0
2480	9.8	81950.5	-4641.5	2570	9.8	82506.9	-4614.1	2660	10.2	82928.3	-4629.0	2750	10.2	83335.9	-4656.9
2481	9.6	81952.0	-4633.2	2571	10.0	82508.9	-4604.2	2661	9.6	82928.8	-4604.2	2751	10.2	83335.9	-4629.2
2482	10.0	81953.5	-4651.8	2572	10.2	82510.9	-4638.1	2662	9.2	82930.8	-4614.8	2752	8.0	83336.9	-4655.5
2483	9.4	82013.5	-4617.3	2573	10.0	82517.9	-4627.0	2663	9.7	82933.3	-4631.9	2753	9.2	83337.2	-4602.0
2484	9.4	82014.0	-4605.1	2574	8.8	82518.9	-4628.6	2664	9.4	82933.3	-4603.2	2754	10.2	83338.9	-4623.3
2485	8.8	82017.5	-4634.9	2575	9.8	82519.9	-4617.9	2665	10.2	82939.8	-4659.0	2755	10.0	83341.9	-4659.8
2486	10.0	82019.0	-4659.9	2576	9.9	82519.9	-4653.5	2666	9.6	82943.8	-4642.2	2756	9.8	83342.4	-4638.4
2487	10.0	82026.5	-4644.8	2577	9.8	82521.4	-4618.5	2667	10.0	82950.3	-4639.2	2757	10.2	83352.4	-4633.1

-46 2757 8h33m

-46 2758 8h33m

-46 3117 8h46m

2758	10.2	83352.4	-4605.5	2848	10.0	83804.9	-4604.9	2938	8.6	84112.4	-4613.9
2759	8.6	83354.4	-4627.9	2849	10.2	83808.9	-4640.9	2939	9.6	84112.4	-4648.1
2760	9.8	83410.4	-4648.3	2850	9.8	83811.4	-4618.4	2940	10.2	84114.4	-4654.2
2761	7.8	83419.9	-4620.1	2851	9.5	83811.9	-4636.6	2941	10.0	84114.9	-4616.4
2762	9.6	83421.4	-4636.1	2852	8.2	83812.4	-4607.8	2942	10.2	84115.9	-4649.0
2763	8.8	83422.9	-4643.6	2853	9.8	83814.9	-4637.5	2943	10.2	84117.4	-4619.2
2764	10.0	83425.1	-4658.8	2854	10.2	83815.9	-4652.3	2944	10.2	84120.9	-4626.7
2765	7.9	83430.9	-4620.4	2855	10.2	83816.9	-4647.1	2945	9.6	84123.9	-4651.7
2766	9.8	83431.4	-4653.0	2856	10.2	83817.4	-4638.7	2946	10.2	84123.9	-4602.2
2767	10.2	83436.5	-4603.7	2857	10.2	83820.9	-4605.0	2947	10.2	84124.4	-4626.1
2768	10.2	83437.9	-4635.9	2858	10.2	83820.9	-4610.8	2948	10.2	84128.8	-4603.1
2769	10.2	83438.9	-4612.2	2859	10.2	83828.4	-4634.2	2949	10.2	84128.9	-4628.8
2770	10.0	83440.4	-4629.2	2860	9.6	83828.9	-4626.7	2950	10.0	84129.9	-4614.3
2771	10.0	83440.9	-4653.6	2861	9.2	83832.4	-4601.9	2951	9.0	84133.9	-4624.1
2772	9.8	83443.9	-4620.2	2862	10.0	83833.4	-4647.5	2952	10.2	84137.9	-4615.6
2773	9.8	83447.9	-4656.0	2863	8.7	83836.9	-4647.4	2953	10.0	84137.9	-4613.0
2774	10.2	83450.9	-4640.7	2864	10.0	83836.9	-4643.4	2954	9.8	84138.9	-4635.0
2775	9.0	83509.9	-4604.4	2865	9.8	83839.4	-4619.1	2955	10.2	84144.9	-4649.1
2776	9.6	83509.9	-4627.7	2866	7.6	83839.4	-4621.6	2956	10.0	84144.4	-4647.7
2777	10.2	83520.4	-4655.1	2867	9.6	83843.9	-4612.5	2957	10.2	84145.4	-4650.3
2778	9.6	83520.9	-4640.8	2868	9.6	83844.4	-4606.3	2958	10.0	84145.4	-4637.0
2779	10.0	83526.9	-4620.1	2869	10.0	83851.9	-4638.1	2959	10.0	84146.9	-4631.6
2780	10.2	83530.4	-4654.4	2870	10.0	83852.4	-4614.7	2960	10.2	84147.9	-4633.0
2781	10.2	83531.4	-4641.6	2871	10.2	83852.4	-4638.7	2961	10.1	84150.9	-4610.0
2782	10.2	83531.6	-4606.5	2872	8.6	83855.9	-4633.9	2962	10.2	84152.4	-4654.0
2783	10.1	83532.9	-4630.7	2873	9.8	83858.9	-4637.3	2963	10.2	84156.9	-4625.5
2784	10.2	83536.4	-4606.7	2874	8.8	83859.9	-4638.5	2964	9.8	84156.9	-4628.6
2785	10.2	83537.9	-4648.6	2875	9.8	83906.4	-4611.0	2965	10.2	84200.4	-4648.4
2786	10.1	83538.7	-4612.5	2876	10.2	83908.9	-4612.1	2966	8.0	84201.9	-4656.3
2787	10.1	83539.4	-4609.3	2877	10.2	83910.9	-4620.1	2967	10.0	84205.4	-4628.2
2788	10.1	83542.7	-4627.7	2878	10.1	83911.4	-4631.1	2968	8.9	84206.9	-4606.7
2789	10.2	83544.4	-4649.0	2879	10.2	83922.9	-4652.3	2969	9.6	84207.4	-4600.3
2790	9.8	83545.9	-4601.7	2880	9.4	83926.9	-4637.6	2970	10.2	84207.9	-4639.8
2791	10.2	83546.4	-4653.4	2881	9.4	83926.9	-4633.7	2971	10.1	84209.4	-4629.5
2792	10.1	83548.7	-4654.0	2882	8.9	83927.9	-4628.8	2972	10.0	84212.9	-4617.6
2793	10.0	83549.7	-4610.8	2883	9.6	83929.4	-4611.7	2973	9.6	84213.8	-4606.1
2794	10.2	83554.4	-4604.0	2884	10.2	83930.9	-4635.7	2974	9.8	84214.4	-4632.3
2795	9.8	83600.4	-4629.1	2885	8.2	83931.6	-4657.2	2975	8.8	84214.9	-4612.7
2796	10.2	83602.7	-4615.8	2886	10.2	83931.9	-4659.2	2976	10.2	84217.9	-4604.5
2797	9.8	83615.4	-4611.1	2887	9.8	83933.4	-4624.8	2977	10.2	84218.4	-4636.4
2798	10.2	83617.7	-4648.2	2888	10.2	83934.7	-4638.0	2978	10.2	84220.9	-4605.0
2799	10.0	83619.9	-4637.2	2889	9.8	83934.7	-4646.3	2979	9.1	84220.9	-4613.8
2800	9.2	83624.9	-4646.0	2890	9.8	83936.4	-4612.6	2980	9.8	84221.9	-4644.4
2801	10.2	83624.9	-4639.7	2891	9.8	83937.4	-4625.1	2981	10.1	84223.4	-4622.0
2802	9.8	83625.4	-4621.3	2892	7.7	83938.4	-4620.8	2982	10.0	84223.9	-4647.3
2803	9.8	83625.4	-4622.5	2893	10.2	83938.9	-4605.3	2983	9.6	84224.9	-4601.2
2804	9.8	83625.9	-4600.9	2894	8.8	83942.2	-4603.0	2984	9.6	84228.4	-4633.0
2805	5.5	83628.9	-4612.2	2895	10.2	83947.7	-4603.5	2985	10.2	84231.4	-4625.8
2806	10.2	83628.9	-4602.4	2896	9.4	83950.4	-4658.7	2986	9.8	84231.9	-4638.8
2807	8.8	83629.9	-4647.5	2897	9.4	83953.4	-4642.9	2987	9.8	84235.9	-4602.3
2808	9.8	83631.9	-4606.2	2898	9.8	83954.4	-4629.7	2988	10.2	84236.4	-4640.5
2809	10.1	83634.4	-4641.3	2899	10.2	83956.9	-4627.9	2989	9.8	84236.9	-4620.9
2810	9.8	83635.4	-4654.2	2900	9.8	83958.9	-4629.1	2990	10.2	84240.9	-4648.5
2811	10.1	83637.6	-4656.6	2901	10.2	83959.4	-4621.6	2991	10.2	84240.9	-4643.2
2812	9.8	83642.9	-4617.2	2902	7.6	84001.4	-4639.8	2992	10.1	84246.4	-4642.5
2813	10.2	83647.9	-4631.7	2903	10.1	84001.4	-4648.6	2993	9.8	84248.4	-4612.0
2814	10.0	83654.9	-4604.5	2904	10.2	84003.9	-4628.1	2994	10.2	84249.9	-4643.6
2815	10.2	83655.9	-4608.4	2905	10.2	84005.9	-4643.1	2995	10.2	84250.9	-4624.2
2816	9.1	83658.9	-4610.8	2906	9.8	84007.9	-4638.1	2996	8.7	84252.4	-4640.7
2817	9.6	83700.9	-4622.7	2907	10.2	84007.9	-4612.0	2997	10.0	84258.4	-4633.2
2818	10.0	83705.4	-4643.2	2908	10.2	84008.4	-4654.8	2998	10.0	84258.9	-4627.5
2819	6.0	83707.9	-4652.3	2909	10.2	84008.9	-4604.8	2999	10.2	84300.9	-4611.5
2820	10.2	83711.1	-4659.4	2910	9.2	84014.9	-4615.3	3000	10.0	84302.9	-4608.3
2821	10.2	83713.6	-4657.0	2911	8.6	84016.9	-4636.2	3001	9.8	84305.9	-4644.7
2822	9.8	83714.4	-4607.7	2912	10.1	84018.4	-4634.0	3002	10.2	84306.6	-4600.7
2823	10.2	83718.9	-4614.4	2913	10.2	84018.9	-4609.7	3003	9.8	84308.9	-4626.8
2824	10.2	83719.9	-4612.1	2914	9.8	84018.9	-4639.5	3004	9.8	84310.9	-4647.5
2825	10.2	83723.4	-4636.4	2915	9.8	84022.4	-4631.3	3005	10.0	84310.9	-4651.3
2826	10.0	83725.4	-4626.4	2916	10.2	84022.9	-4623.5	3006	9.3	84312.4	-4642.9
2827	9.8	83729.4	-4652.9	2917	9.6	84025.4	-4644.7	3007	9.4	84315.9	-4647.1
2828	9.6	83730.1	-4600.5	2918	10.1	84028.9	-4606.6	3008	9.5	84315.9	-4643.8
2829	9.6	83737.9	-4631.7	2919	10.2	84029.9	-4605.4	3009	10.2	84316.4	-4649.3
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2831	9.6	83740.9	-4619.0	2921	9.6	84031.9	-4651.1	3011	10.2	84317.9	-4620.1
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2833	10.2	83741.9	-4618.0	2923	10.0	84038.8	-4640.6	3013	10.2	84321.4	-4620.5
2834	10.2	83741.9	-4641.9	2924	9.8	84040.4	-4651.2	3014	10.2	84322.1	-4659.4
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2837	10.2	83747.9	-4650.5	2927	9.8	84048.4	-4641.3	3017	8.7	84327.4	-4644.8
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3041	9.6	84412.4	-4646.1
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-46 3118 8h46m

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3180 9.6 84840.7 -4646.3	3270 9.8 85236.7 -4647.2	3360 10.0 85914.1 -4633.5	3450 10.4 90522.2 -4617.5
3181 9.6 84842.2 -4635.3	3271 10.2 85237.7 -4612.1	3361 9.8 85914.6 -4653.3	3451 10.4 90522.7 -4629.4
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3183 9.6 84848.4 -4600.0	3273 9.6 85254.2 -4635.4	3363 10.0 85916.6 -4641.1	3453 9.0 90524.7 -4600.7
3184 9.0 84857.7 -4646.6	3274 10.2 85302.2 -4632.8	3364 10.0 85922.1 -4624.1	3454 10.1 90527.7 -4656.4
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3187 9.8 84903.7 -4645.0	3277 10.2 85307.7 -4638.3	3367 9.6 85933.3 -4602.5	3457 8.2 90550.4 -4637.4
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3190 10.1 84906.8 -4652.2	3280 10.0 85338.2 -4647.3	3370 9.4 85948.6 -4615.0	3460 10.5 90612.4 -4614.9
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3193 10.2 84908.7 -4610.3	3283 10.2 85348.7 -4644.9	3373 9.4 85953.9 -4603.2	3463 10.2 90627.4 -4646.5
3194 10.2 84910.6 -4657.9	3284 10.2 85349.8 -4658.7	3374 10.2 85956.8 -4628.6	3464 10.6 90634.4 -4621.6
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3196 10.0 84917.2 -4621.9	3286 10.2 85354.7 -4605.6	3376 9.8 90001.1 -4626.6	3466 9.6 90638.4 -4600.0
3197 10.2 84920.7 -4650.6	3287 9.2 85355.7 -4605.6	3377 10.2 90009.6 -4630.1	3467 10.5 90638.4 -4621.9
3198 10.2 84921.2 -4635.1	3288 10.2 85359.7 -4647.1	3378 10.4 90016.2 -4656.9	3468 10.6 90644.4 -4632.8
3199 9.8 84923.7 -4635.1	3289 10.2 85405.7 -4633.5	3379 10.6 90017.4 -4623.7	3469 10.2 90645.9 -4627.5
3200 9.0 84926.4 -4601.6	3290 10.1 85414.2 -4641.5	3380 8.9 90020.7 -4605.2	3470 9.4 90649.4 -4640.5
3201 9.6 84927.2 -4609.9	3291 10.2 85418.7 -4626.0	3381 9.6 90024.7 -4621.9	3471 10.2 90651.4 -4630.3
3202 10.2 84934.7 -4602.2	3292 9.3 85421.2 -4635.9	3382 7.5 90029.9 -4619.1	3472 10.6 90703.9 -4611.5
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3204 9.4 84936.7 -4621.3	3294 10.0 85422.2 -4612.7	3384 10.2 90036.2 -4645.6	3474 5.9 90708.4 -4604.3
3205 10.0 84936.7 -4647.2	3295 8.8 85423.7 -4616.5	3385 8.4 90048.2 -4632.9	3475 10.6 90714.9 -4647.2
3206 10.2 84939.2 -4619.1	3296 9.6 85434.2 -4620.9	3386 10.2 90049.2 -4622.4	3476 10.2 90718.0 -4658.3
3207 10.0 84939.2 -4632.3	3297 6.2 85438.2 -4645.0	3387 10.1 90051.2 -4625.4	3477 8.0 90718.4 -4622.3

-46 3477 9h07m

-46 3478 9h07m

-46 3837 9h35m

3478	10.1	90719.4	-4631.4	3568	8.6	91438.5	-4606.8	3658	9.8	92237.6	-4606.5
3479	10.2	90727.9	-4644.0	3569	10.6	91458.5	-4641.7	3659	9.4	92239.6	-4659.9
3480	10.6	90744.4	-4630.2	3570	9.8	91501.0	-4630.0	3660	10.6	92241.3	-4616.6
3481	9.2	90749.9	-4615.2	3571	10.6	91504.5	-4644.2	3661	10.2	92245.3	-4611.0
3482	9.6	90750.9	-4623.7	3572	10.6	91507.0	-4607.5	3662	10.0	92247.8	-4648.3
3483	10.0	90808.4	-4625.7	3573	10.1	91512.0	-4641.1	3663	10.2	92301.3	-4635.2
3484	10.6	90811.9	-4629.9	3574	9.2	91521.0	-4612.4	3664	10.6	92301.8	-4614.0
3485	10.4	90816.9	-4638.9	3575	10.6	91522.0	-4607.9	3665	8.8	92317.8	-4608.0
3486	10.6	90830.4	-4635.9	3576	10.0	91531.0	-4626.4	3666	10.6	92323.6	-4657.6
3487	10.5	90830.9	-4628.7	3577	7.6	91532.5	-4625.3	3667	10.1	92323.8	-4652.0
3488	10.6	90834.9	-4605.1	3578	9.3	91533.0	-4614.4	3668	10.5	92334.8	-4612.8
3489	10.6	90834.9	-4653.4	3579	10.6	91540.0	-4619.0	3669	10.2	92339.3	-4604.0
3490	9.8	90840.4	-4617.6	3580	9.4	91546.0	-4627.9	3670	10.4	92345.3	-4605.0
3491	9.3	90842.9	-4631.1	3581	10.6	91548.5	-4614.5	3671	10.2	92352.3	-4645.8
3492	10.0	90842.9	-4648.1	3582	10.0	91551.0	-4637.5	3672	9.8	92412.3	-4606.4
3493	10.2	90847.4	-4627.7	3583	9.6	91600.5	-4627.2	3673	9.4	92418.3	-4656.2
3494	10.2	90854.9	-4648.3	3584	9.8	91603.5	-4641.8	3674	9.0	92421.8	-4652.4
3495	10.2	90855.7	-4657.1	3585	9.2	91628.0	-4643.5	3675	9.3	92431.8	-4618.6
3496	10.6	90907.4	-4626.7	3586	10.5	91628.0	-4634.6	3676	10.1	92435.8	-4653.8
3497	6.6	90910.9	-4649.4	3587	10.2	91634.0	-4637.1	3677	10.6	92440.8	-4617.0
3498	9.6	90917.9	-4611.0	3588	10.6	91638.0	-4622.2	3678	10.6	92448.3	-4659.9
3499	10.6	90919.4	-4647.7	3589	10.1	91645.0	-4639.0	3679	10.2	92451.3	-4644.8
3500	9.8	90920.4	-4625.2	3590	9.4	91653.0	-4607.0	3680	9.4	92454.8	-4630.3
3501	9.2	90933.4	-4637.1	3591	9.2	91656.0	-4646.2	3681	10.6	92454.8	-4622.8
3502	10.6	90936.9	-4608.0	3592	9.2	91659.0	-4614.0	3682	10.6	92458.8	-4645.7
3503	10.6	90937.4	-4652.7	3593	8.8	91700.5	-4640.7	3683	10.6	92510.3	-4605.9
3504	10.5	90947.9	-4652.1	3594	10.6	91706.0	-4657.1	3684	10.6	92512.0	-4600.0
3505	10.0	90953.9	-4611.1	3595	10.0	91712.0	-4605.8	3685	10.6	92528.3	-4602.0
3506	8.6	90955.9	-4630.3	3596	7.8	91713.0	-4647.3	3686	10.1	92531.3	-4641.9
3507	8.3	90958.9	-4654.1	3597	10.6	91717.5	-4612.7	3687	10.6	92533.3	-4605.2
3508	10.6	91001.4	-4633.2	3598	10.1	91720.5	-4640.3	3688	10.4	92534.3	-4648.9
3509	9.8	91002.9	-4640.1	3599	8.2	91730.5	-4613.7	3689	10.0	92534.8	-4615.0
3510	10.1	91005.1	-4659.4	3600	9.4	91732.5	-4619.6	3690	9.0	92536.8	-4623.8
3511	10.6	91005.9	-4603.8	3601	9.4	91732.5	-4609.3	3691	10.6	92538.3	-4653.9
3512	9.4	91007.4	-4631.7	3602	10.6	91732.5	-4611.4	3692	8.7	92547.8	-4615.9
3513	9.8	91010.9	-4645.4	3603	10.6	91736.5	-4644.4	3693	10.4	92555.0	-4600.8
3514	10.0	91012.9	-4611.6	3604	9.1	91742.0	-4635.8	3694	10.6	92557.8	-4654.4
3515	10.4	91016.4	-4619.6	3605	10.1	91747.5	-4649.6	3695	10.6	92557.8	-4620.3
3516	10.1	91020.4	-4615.8	3606	10.0	91749.0	-4613.4	3696	10.0	92600.8	-4621.0
3517	10.1	91024.3	-4657.5	3607	8.9	91752.0	-4656.1	3697	10.4	92602.3	-4600.9
3518	10.6	91031.4	-4618.6	3608	8.6	91754.5	-4619.2	3698	10.2	92611.3	-4631.2
3519	9.6	91036.9	-4617.1	3609	8.2	91758.5	-4618.8	3699	8.7	92616.3	-4642.6
3520	10.5	91048.9	-4611.1	3610	10.1	91804.5	-4648.9	3700	9.6	92616.8	-4607.9
3521	10.6	91049.4	-4612.1	3611	10.0	91814.5	-4636.7	3701	8.7	92621.3	-4649.2
3522	9.8	91050.9	-4636.1	3612	10.4	91821.5	-4612.1	3702	9.8	92627.0	-4600.2
3523	10.6	91054.4	-4646.3	3613	8.2	91829.5	-4646.9	3703	10.6	92630.8	-4635.0
3524	9.1	91107.9	-4620.2	3614	9.8	91849.0	-4607.5	3704	10.0	92634.8	-4651.7
3525	10.1	91109.4	-4633.1	3615	9.7	91852.0	-4639.3	3705	9.8	92644.8	-4633.4
3526	9.8	91110.4	-4649.0	3616	8.9	91853.5	-4620.5	3706	10.1	92644.8	-4633.8
3527	8.9	91111.6	-4657.8	3617	10.5	91901.1	-4649.0	3707	10.6	92644.8	-4638.7
3528	10.0	91118.4	-4642.1	3618	6.8	91909.1	-4622.3	3708	9.6	92648.3	-4617.8
3529	9.6	91123.4	-4622.1	3619	9.7	91909.6	-4610.5	3709	10.4	92654.8	-4638.3
3530	9.8	91124.4	-4621.7	3620	10.0	91910.6	-4639.1	3710	10.4	92702.3	-4629.9
3531	10.6	91125.9	-4626.1	3621	10.6	91912.1	-4604.2	3711	10.5	92703.3	-4650.1
3532	10.5	91134.8	-4658.1	3622	9.2	91914.6	-4627.4	3712	8.4	92707.3	-4642.9
3533	9.4	91135.9	-4618.9	3623	10.2	91919.6	-4608.1	3713	8.7	92709.8	-4656.0
3534	10.1	91142.9	-4652.5	3624	8.0	91920.6	-4631.3	3714	9.8	92712.3	-4604.9
3535	10.0	91143.9	-4649.8	3625	9.2	91938.1	-4624.9	3715	8.4	92717.7	-4649.3
3536	9.6	91144.9	-4645.2	3626	9.2	91941.6	-4610.9	3716	10.6	92734.0	-4620.3
3537	10.6	91149.9	-4643.3	3627	10.6	91947.1	-4633.4	3717	10.2	92734.8	-4620.0
3538	9.7	91154.1	-4657.0	3628	10.6	92008.1	-4627.7	3718	10.2	92735.8	-4615.6
3539	10.0	91202.0	-4638.1	3629	10.4	92008.1	-4601.0	3719	10.6	92738.3	-4652.7
3540	10.4	91202.0	-4612.1	3630	10.6	92027.1	-4628.4	3720	7.8	92742.0	-4635.5
3541	10.5	91209.5	-4640.0	3631	10.0	92027.1	-4647.4	3721	10.6	92745.7	-4603.4
3542	10.0	91211.0	-4618.8	3632	9.7	92028.6	-4601.0	3722	9.6	92751.8	-4657.4
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3544	10.2	91218.5	-4634.5	3634	10.6	92035.6	-4649.1	3724	10.4	92754.5	-4648.3
3545	10.6	91223.1	-4659.7	3635	10.6	92037.6	-4658.6	3725	10.4	92804.3	-4616.3
3546	8.9	91225.5	-4641.0	3636	10.6	92038.6	-4650.7	3726	9.2	92808.0	-4600.7
3547	10.0	91227.0	-4639.8	3637	10.6	92042.1	-4659.9	3727	9.3	92808.8	-4638.6
3548	9.8	91228.5	-4613.0	3638	8.2	92044.1	-4624.2	3728	10.0	92817.3	-4604.2
3549	10.6	91243.5	-4627.1	3639	10.6	92044.6	-4637.3	3729	10.6	92819.5	-4614.5
3550	10.5	91247.0	-4639.1	3640	8.8	92052.6	-4626.3	3730	10.6	92825.3	-4608.6
3551	10.0	91247.8	-4658.3	3641	10.6	92054.1	-4623.0	3731	10.0	92825.5	-4654.5
3552	10.5	91257.0	-4646.0	3642	10.4	92054.6	-4618.0	3732	10.0	92825.8	-4602.1
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3554	10.1	91300.5	-4648.4	3644	9.2	92120.1	-4626.2	3734	9.8	92832.4	-4602.0
3555	10.1	91307.8	-4657.6	3645	9.1	92122.1	-4628.9	3735	8.6	92834.7	-4645.1
3556	9.6	91309.5	-4643.6	3646	9.6	92125.1	-4629.5	3736	9.4	92836.7	-4644.0
3557	10.6	91313.0	-4635.8	3647	10.2	92132.6	-4602.2	3737	10.4	92839.7	-4638.8
3558	10.2	91319.5	-4604.0	3648	10.4	92134.6	-4643.2	3738	10.4	92841.7	-4643.3
3559	10.4	91332.5	-4658.0	3649	10.6	92135.1	-4620.1	3739	10.4	92841.7	-4643.7
3560	8.8	91354.5	-4639.3	3650	10.6	92137.6	-4616.6	3740	10.2	92851.7	-4628.8
3561	10.1	91358.5	-4637.2	3651	10.6	92150.6	-4625.7	3741	10.1	92855.2	-4621.0
3562	10.2	91409.5	-4620.2	3652	9.7	92158.6	-4612.3	3742	10.4	92855.2	-4637.3
3563	10.5	91416.0	-4622.4	3653	10.0	92208.6	-4602.7	3743	9.9	92855.7	-4620.8
3564	10.5	91418.5	-4627.7	3654	10.2	92210.6	-4636.6	3744	10.4	92904.7	-4656.3
3565	7.6	91420.0	-4640.7	3655	10.1	92214.1	-4627.0	3745	10.4	92908.2	-4637.0
3566	10.6	91427.5	-4651.1	3656	10.6	92227.1	-4639.3	3746	9.4	92914.7	-4643.3
3567	10.4	91430.5	-4610.9	3657	10.6	92234.1	-4639.5	3747	10.4	92924.2	-4606.5
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3749	10.4	92948.2	-4602.9								
3750	10.1	92950.2	-4637.4								
3751	10.2	92953.2	-4642.1								
3752	10.0	92958.7	-4607.5								
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3755	10.4	93010.7	-4641.5								
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3758	9.4	93015.7	-4622.3								
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3760	8.4	93023.7	-4628.2								
3761	10.4	93030.7	-4619.2								
3762	9.8	93030.7	-4624.4								
3763	9.3	93032.2	-4651.0								
3764	10.4	93038.7	-4615.1								
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3768	9.6	93046.1	-4658.8								
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3770	10.4	93049.7	-4628.1								
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3772	9.6	93100.2	-4652.4								
3773	8.8	93106.2	-4614.3								
3774	10.0	93118.1	-4657.9								
3775	10.4	93122.2	-4632.3								
3776	10.0	93129.2	-4658.8								
3777	9.2	93132.2	-4654.4								
3778	9.8	93133.2	-4625.6								
3779	10.4	93134.0	-4620.7								
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3782	9.0	93147.7	-4612.9								
3783	9.3	93148.7	-4622.9								
3784	9.8	93155.7	-4646.7								
3785	9.8	93156.7	-4655.6								
3786	9.8	93201.7	-4646.9								
3787	9.6	93204.2	-4618.0								
3788	10.4	93209.7	-4649.8								
3789	9.6	93218.2	-4631.0								
3790	9.4	93221.2	-4643.2								
3791	9.2	93226.7	-4625.8								
3792	10.2	93246.7	-4633.3								
3793	10.1	93248.7	-4627.5								
3794	9.8	93253.7	-4626.9								
3795	10.4	93257.7	-4624.0								
3796	10.2	93301.2	-4635.9								
3797	10.4	93302.7	-4610.5								
3798	10.4	93303.7	-4639.8								
3799	9.4	93306.7	-4637.3								
3800	9.5	93325.7	-4602.5								
3801	9.8	93328.7	-4608.2								
3802	9.6	93329.2	-4606.0								
3803	8.6	93331.2	-4649.5								
3804	9.8	93334.7	-4618.2								
3805	10.1	93335.7	-4659.5								
3806	10.2	93339.7	-4653.8								
3807	10.0	93345.7	-4611.1								
3808	8.0	93346.5	-4657.6								
3809	9.6	93346.7	-4616.2								
3810	10.4	93348.6	-4636.1								
3811	10.4	93403.2	-4649.5								
3812	10.0	93416.7	-4608.9								
3813	8.8	93418.7	-4645.5								
3814	9.9	93425.0	-4600.6								
3815	10.4	93428.7	-4615.0								
3816	10.4	93428.7	-4655.9								
3817	10.2	93433.7	-4647.9								
3818	10.1	93438.7	-4621.9								
3819	10.2	93439.7	-4637.9								
3820	10.4	93452.7	-4634.1								
3821	9.8	93500.2	-4648.0								
3822	9.3	93501.2	-4600.9								
3823	9.2	93502.0	-4600.6								
3824	10.2	93509.2	-4601.2								
3825	9.8	93509.7	-4614.8								
3826	10.2	93514.2	-4612.8								
3827	10.4	93522.5	-4623.5								
3828	9.8	93529.0	-4632.9								
3829	10.2	93533.5	-4655.6								
3830	10.1	93534.0	-4617.2								
3831	9.4	93538.0	-4644.6								
3832	9.9	93547.5	-4606.6								
3833	10.1	93549.0	-4607.2								
3834	9.8	93549.5	-4603.6								
3835	10.2	93553.5	-4613.9								
3836	9.9	93557.0	-4645.0								
3837	10.4	93558.0	-4635.8								

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3838	10.2	93559.0	-4635.2	3928	9.8	94147.5	-4620.6	4018	10.2	94821.5	-4603.8
3839	10.2	93559.5	-4650.8	3929	10.2	94200.5	-4639.5	4019	10.4	94822.0	-4626.3
3840	10.1	93601.0	-4654.5	3930	10.4	94201.7	-4600.8	4020	9.9	94823.5	-4633.6
3841	10.4	93601.5	-4626.7	3931	10.0	94208.8	-4657.1	4021	8.8	94833.1	-4609.7
3842	10.2	93602.5	-4631.2	3932	10.0	94209.0	-4628.7	4022	10.2	94835.0	-4639.7
3843	9.3	93603.0	-4646.0	3933	10.2	94221.5	-4659.3	4023	9.8	94839.0	-4614.5
3844	9.8	93615.0	-4612.6	3934	10.4	94222.7	-4658.9	4024	10.2	94840.5	-4611.7
3845	10.2	93615.0	-4623.3	3935	10.4	94226.5	-4612.4	4025	10.4	94849.5	-4615.8
3846	10.0	93616.0	-4639.6	3936	9.8	94233.0	-4651.1	4026	9.6	94853.5	-4616.2
3847	9.8	93619.0	-4640.3	3937	10.0	94235.0	-4644.2	4027	10.4	94855.0	-4601.0
3848	10.4	93629.0	-4634.7	3938	10.4	94243.0	-4646.6	4028	10.4	94859.5	-4658.7
3849	10.4	93637.5	-4628.4	3939	10.0	94244.0	-4646.6	4029	10.4	94900.0	-4601.4
3850	9.8	93642.5	-4652.2	3940	10.4	94247.5	-4646.7	4030	10.0	94908.5	-4612.0
3851	10.4	93650.5	-4655.0	3941	9.8	94248.5	-4630.6	4031	10.1	94913.0	-4618.4
3852	10.0	93652.0	-4607.0	3942	10.4	94250.0	-4627.1	4032	10.0	94916.5	-4611.8
3853	9.8	93657.0	-4653.0	3943	9.6	94254.0	-4603.8	4033	9.3	94917.0	-4630.2
3854	9.8	93701.5	-4644.6	3944	10.2	94259.0	-4623.0	4034	10.2	94919.0	-4617.4
3855	9.8	93702.0	-4625.8	3945	9.9	94302.5	-4622.6	4035	10.2	94919.5	-4627.9
3856	10.4	93716.5	-4609.2	3946	10.0	94307.5	-4637.1	4036	10.4	94921.5	-4638.0
3857	10.4	93717.0	-4630.8	3947	9.5	94310.0	-4615.3	4037	10.4	94925.1	-4626.7
3858	9.0	93719.0	-4605.1	3948	9.9	94311.0	-4618.0	4038	10.4	94928.0	-4652.8
3859	9.8	93719.0	-4631.8	3949	9.8	94313.2	-4601.5	4039	10.4	94929.0	-4621.5
3860	9.8	93720.0	-4622.5	3950	10.0	94313.5	-4626.9	4040	8.1	94931.5	-4602.8
3861	10.1	93727.0	-4615.8	3951	10.2	94320.5	-4629.1	4041	10.1	94931.5	-4605.0
3862	9.3	93742.0	-4653.1	3952	8.6	94328.0	-4653.3	4042	10.4	94934.5	-4618.3
3863	10.2	93743.5	-4616.3	3953	10.2	94336.0	-4609.8	4043	10.1	94935.0	-4644.1
3864	8.4	93745.5	-4617.7	3954	10.2	94341.0	-4632.6	4044	9.9	94935.7	-4602.3
3865	10.0	93752.0	-4641.9	3955	10.4	94401.0	-4631.4	4045	9.5	94941.0	-4642.1
3866	9.8	93757.5	-4625.8	3956	9.8	94403.0	-4648.9	4046	10.2	94950.0	-4619.7
3867	10.1	93758.5	-4646.8	3957	10.4	94409.0	-4644.6	4047	10.0	94955.0	-4655.7
3868	9.9	93758.6	-4657.5	3958	10.4	94413.0	-4625.0	4048	10.1	94958.0	-4608.2
3869	10.4	93759.4	-4624.8	3959	10.2	94413.0	-4601.2	4049	10.4	94958.0	-4638.0
3870	10.4	93800.5	-4615.5	3960	10.1	94418.0	-4608.4	4050	9.4	95000.0	-4618.9
3871	10.2	93802.5	-4644.3	3961	9.0	94420.0	-4609.1	4051	10.4	95010.0	-4601.8
3872	9.6	93805.0	-4640.2	3962	9.4	94430.0	-4625.0	4052	9.8	95020.8	-4657.7
3873	9.8	93808.0	-4624.9	3963	10.0	94434.0	-4614.2	4053	10.4	95029.5	-4631.0
3874	10.2	93810.5	-4645.4	3964	9.0	94435.0	-4628.1	4054	10.4	95041.2	-4601.7
3875	10.4	93821.0	-4627.0	3965	10.4	94438.5	-4659.1	4055	10.0	95042.5	-4625.8
3876	10.4	93824.5	-4632.9	3966	10.4	94445.0	-4603.8	4056	10.4	95047.5	-4648.3
3877	9.8	93824.5	-4638.8	3967	9.2	94448.5	-4639.2	4057	10.0	95049.0	-4620.1
3878	10.0	93831.5	-4603.5	3968	10.2	94450.0	-4622.4	4058	9.4	95104.0	-4607.7
3879	10.1	93838.5	-4619.0	3969	10.4	94457.0	-4659.6	4059	10.4	95105.0	-4611.2
3880	10.4	93839.0	-4617.4	3970	9.8	94459.0	-4611.2	4060	10.4	95106.5	-4607.9
3881	10.0	93852.5	-4608.1	3971	9.9	94503.0	-4643.7	4061	9.8	95108.5	-4627.4
3882	10.1	93901.0	-4603.3	3972	9.8	94504.0	-4612.2	4062	10.2	95108.5	-4607.6
3883	10.2	93907.0	-4616.8	3973	9.4	94505.5	-4653.6	4063	9.6	95117.0	-4643.7
3884	10.2	93912.5	-4655.1	3974	10.4	94520.5	-4607.1	4064	10.2	95118.0	-4627.3
3885	9.6	93920.5	-4614.9	3975	10.4	94523.0	-4621.4	4065	9.8	95125.0	-4636.7
3886	10.4	93922.5	-4618.6	3976	10.2	94523.0	-4635.7	4066	10.4	95126.5	-4602.0
3887	9.9	93924.0	-4641.0	3977	10.2	94526.0	-4630.5	4067	9.5	95128.0	-4626.7
3888	10.4	93928.0	-4613.2	3978	10.2	94528.5	-4655.7	4068	10.1	95131.0	-4626.4
3889	10.0	93928.7	-4658.6	3979	10.0	94528.5	-4641.0	4069	10.4	95131.5	-4624.5
3890	9.2	93929.0	-4630.8	3980	10.4	94534.5	-4642.3	4070	8.4	95135.5	-4628.2
3891	10.1	93932.7	-4658.9	3981	9.6	94537.5	-4653.8	4071	10.1	95139.0	-4647.0
3892	9.6	93937.5	-4633.5	3982	9.6	94543.0	-4636.2	4072	10.4	95139.5	-4656.1
3893	9.8	93943.7	-4656.7	3983	10.4	94543.0	-4624.1	4073	10.0	95140.0	-4638.0
3894	10.4	93951.4	-4608.2	3984	7.8	94554.0	-4620.9	4074	10.4	95140.5	-4634.1
3895	10.2	93953.5	-4616.8	3985	10.2	94559.0	-4645.1	4075	9.6	95143.5	-4626.6
3896	10.4	93954.5	-4622.0	3986	9.4	94603.0	-4601.9	4076	9.5	95144.5	-4646.7
3897	9.9	94005.2	-4602.6	3987	10.1	94608.0	-4605.5	4077	10.4	95144.5	-4613.4
3898	9.8	94008.0	-4609.0	3988	9.3	94613.5	-4602.7	4078	10.2	95154.0	-4604.5
3899	7.8	94011.0	-4654.4	3989	9.2	94634.3	-4601.9	4079	10.4	95154.0	-4617.3
3900	9.9	94011.0	-4656.7	3990	10.4	94638.0	-4639.0	4080	10.4	95159.0	-4627.2
3901	9.6	94015.8	-4600.7	3991	10.4	94638.0	-4604.8	4081	10.4	95202.0	-4609.6
3902	10.4	94019.5	-4646.1	3992	10.4	94639.3	-4636.0	4082	10.4	95203.5	-4621.6
3903	10.4	94022.0	-4651.6	3993	9.4	94639.5	-4624.8	4083	9.4	95211.0	-4617.6
3904	10.1	94024.5	-4648.7	3994	10.4	94641.5	-4645.5	4084	10.1	95213.0	-4657.5
3905	9.9	94028.5	-4637.2	3995	10.2	94641.7	-4600.4	4085	10.2	95213.5	-4602.7
3906	9.8	94034.0	-4650.0	3996	9.8	94642.5	-4642.6	4086	8.8	95214.0	-4605.0
3907	10.4	94034.0	-4630.8	3997	9.8	94644.0	-4637.8	4087	10.4	95217.0	-4645.0
3908	10.4	94034.0	-4634.2	3998	9.9	94647.0	-4619.6	4088	10.4	95219.0	-4617.1
3909	9.8	94035.7	-4601.9	3999	10.2	94649.0	-4648.7	4089	9.9	95224.0	-4638.8
3910	9.9	94040.0	-4604.3	4000	10.0	94655.5	-4638.1	4090	10.4	95228.5	-4617.2
3911	9.8	94047.0	-4656.3	4001	10.0	94705.5	-4619.7	4091	10.1	95234.0	-4627.1
3912	9.8	94048.0	-4613.5	4002	9.4	94711.0	-4621.2	4092	10.2	95239.0	-4659.0
3913	10.4	94049.0	-4612.1	4003	10.0	94717.5	-4624.2	4093	10.0	95241.0	-4641.7
3914	9.4	94050.0	-4649.0	4004	9.5	94728.0	-4616.4	4094	9.9	95243.5	-4628.5
3915	10.4	94055.0	-4634.2	4005	10.2	94732.0	-4632.8	4095	8.6	95246.5	-4658.1
3916	8.6	94102.0	-4645.3	4006	9.8	94737.0	-4633.3	4096	9.2	95250.0	-4654.4
3917	10.4	94106.5	-4628.3	4007	9.8	94744.0	-4634.3	4097	9.8	95257.0	-4645.1
3918	9.0	94115.0	-4640.2	4008	9.8	94744.0	-4641.2	4098	10.2	95257.0	-4652.2
3919	8.5	94119.0	-4636.2	4009	10.4	94744.0	-4636.1	4099	10.0	95257.5	-4646.1
3920	10.0	94121.2	-4600.3	4010	9.4	94745.0	-4637.4	4100	10.4	95259.5	-4612.2
3921	9.9	94125.0	-4622.0	4011	9.2	94747.0	-4633.5	4101	10.4	95259.5	-4613.8
3922	10.2	94131.0	-4604.6	4012	10.0	94753.0	-4606.9	4102	9.9	95304.5	-4644.0
3923	10.0	94134.5	-4605.2	4013	10.4	94754.8	-4601.6	4103	10.1	95310.2	-4600.3
3924	9.8	94138.5	-4631.2	4014	10.4	94801.5	-4650.6	4104	8.4	95315.0	-4626.4
3925	10.1	94140.0	-4634.7	4015	10.4	94803.0	-4601.3	4105	10.1	95319.0	-4640.4
3926	9.6	94142.0	-4648.9	4016	8.8	94814.5	-4606.0	4106	10.2	95320.0	-4629.9
3927	9.3	94142.0	-4647.8	4017	9.8	94820.0	-4627.5	4107	10.1	95320.5	-4619.7

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4108	10.4	95321.0	-4634.5								
4109	9.0	95325.0	-4648.9								
4110	10.4	95325.5	-4600.1								
4111	9.8	95327.0	-4629.9								
4112	10.2	95327.0	-4628.7								
4113	10.2	95328.5	-4655.1								
4114	9.6	95331.5	-4649.5								
4115	10.0	95341.5	-4646.6								
4116	9.8	95344.0	-4644.1								
4117	9.8	95346.0	-4625.5								
4118	10.4	95346.0	-4602.1								
4119	9.6	95353.0	-4647.8								
4120	10.2	95354.5	-4650.7								
4121	10.0	95356.0	-4649.4								
4122	10.2	95357.5	-4620.0								
4123	9.4	95359.5	-4603.5								
4124	10.1	95400.0	-4653.3								
4125	10.2	95401.0	-4627.7								
4126	8.3	95404.5	-4653.6								
4127	9.3	95405.5	-4609.7								
4128	9.8	95406.5	-4610.2								
4129	10.4	95408.5	-4619.8								
4130	10.4	95411.5	-4657.2								
4131	8.2	95419.0	-4629.6								
4132	10.4	95428.0	-4638.2								
4133	8.8	95434.0	-4610.1								
4134	9.5	95438.0	-4659.9								
4135	10.4	95438.5	-4620.9								
4136	8.6	95439.0	-4624.4								
4137	10.0	95441.4	-4626.0								
4138	9.4	95446.5	-4655.4								
4139	9.6	95448.5	-4636.2								
4140	10.2	95450.4	-4643.8								
4141	10.1	95500.5	-4629.8								
4142	10.2	95511.0	-4612.3								
4143	10.4	95513.5	-4635.2								
4144	10.4	95519.0	-4614.5								
4145	10.1	95522.1	-4607.9								
4146	9.9	95522.5	-4611.1								
4147	9.9	95530.4	-4638.5								
4148	10.1	95535.5	-4633.6								
4149	10.4	95539.0	-4613.5								
4150	10.4	95541.4	-4611.7								
4151	9.9	95541.9	-4611.0								
4152	10.4	95552.5	-4601.5								
4153	9.4	95552.5	-4645.2								
4154	9.4	95552.8	-4606.6								
4155	10.4	95553.5	-4628.6								
4156	10.2	95602.3	-4649.1								
4157	10.8	95602.3	-4650.7								
4158	10.8	95605.2	-4628.4								
4159	10.4	95605.3	-4621.9								
4160	7.4	95605.8	-4619.3								
4161	10.0	95609.1	-4658.8								
4162	8.5	95612.2	-4645.1								
4163	10.8	95620.8	-4647.5								
4164	10.8	95621.8	-4642.8								
4165	10.6	95622.8	-4658.8								
4166	8.9	95625.8	-4655.9								
4167	10.6	95639.8	-4656.5								
4168	10.8	95650.5	-4601.9								
4169	10.4	95654.8	-4636.9								
4170	10.2	95701.8	-4624.9								
4171	10.8	95704.3	-4602.5								
4172	10.4	95708.8	-4620.1								
4173	10.6	95710.3	-4631.7								
4174	10.4	95712.3	-4643.9								
4175	8.8	95714.8	-4610.7								
4176	10.8	95715.3	-4655.7								
4177	10.2	95715.8	-4655.2								
4178	10.2	95730.8	-4647.8								
4179	10.0	95730.8	-4611.6								
4180	9.6	95732.8	-4641.3								
4181	10.2	95748.8	-4634.6								
4182	10.6	95749.8	-4650.1								
4183	10.5	95751.3	-4631.1								
4184	10.2	95758.8	-4624.9								
4185	10.8	95800.1	-4657.9								
4186	10.8	95800.3	-4630.9								
4187	10.6	95802.3	-4617.5								
4188	9.6	95803.8	-4625.1								
4189	9.8	95806.3	-4653.9								
4190	9.5	95818.3	-4609.9								
4191	10.8	95818.8	-4646.3								
4192	10.8	95819.8	-4656.9								
4193	6.8	95824.3	-4602.0								
4194	10.8	95824.8	-4651.7								
4195	10.6	95827.3	-4616.7								
4196	10.4	95828.8	-4633.7								
4197	10.6	95829.8	-4636.0								

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4198	10.2	95834.8	-4624.3	4288	10.8	100340.8	-4606.2	4378	10.8	100938.8	-4659.1
4199	9.0	95838.8	-4621.3	4289	8.3	100340.8	-4641.8	4379	10.2	100942.3	-4658.6
4200	10.0	95852.2	-4633.9	4290	10.5	100342.3	-4648.4	4380	10.8	100948.3	-4648.3
4201	10.6	95853.4	-4659.8	4291	10.6	100343.8	-4648.8	4381	10.5	100951.3	-4654.5
4202	10.2	95857.8	-4636.4	4292	10.6	100344.8	-4632.8	4382	10.4	100955.8	-4647.3
4203	10.8	95907.3	-4604.9	4293	10.4	100345.8	-4655.0	4383	10.8	100955.8	-4603.1
4204	10.6	95909.3	-4642.7	4294	10.2	100352.8	-4639.2	4384	9.6	101002.8	-4613.9
4205	9.2	95911.3	-4618.9	4295	10.4	100359.8	-4648.1	4385	10.8	101011.8	-4646.3
4206	10.0	95924.3	-4644.3	4296	10.5	100404.3	-4631.1	4386	10.0	101012.8	-4631.0
4207	10.0	95930.3	-4635.7	4297	10.2	100404.3	-4628.5	4387	10.2	101017.8	-4642.0
4208	10.2	95934.8	-4627.7	4298	10.8	100404.8	-4609.0	4388	10.2	101020.8	-4643.1
4209	10.5	95938.8	-4614.2	4299	9.5	100406.3	-4628.1	4389	10.4	101022.8	-4600.6
4210	10.8	95940.8	-4645.6	4300	10.5	100412.3	-4604.8	4390	9.8	101028.8	-4639.9
4211	10.2	95941.8	-4639.2	4301	10.0	100413.8	-4610.9	4391	9.6	101030.8	-4619.2
4212	10.6	95944.8	-4611.8	4302	10.4	100414.3	-4656.9	4392	10.0	101033.8	-4652.9
4213	10.4	95952.3	-4621.0	4303	10.8	100419.8	-4628.4	4393	9.4	101051.3	-4629.6
4214	10.8	95954.3	-4631.2	4304	10.6	100424.8	-4644.2	4394	10.8	101052.3	-4623.2
4215	8.1	100002.3	-4619.8	4305	10.0	100425.3	-4623.0	4395	10.6	101053.3	-4608.3
4216	10.4	100006.3	-4619.6	4306	10.8	100425.8	-4612.0	4396	10.5	101101.8	-4612.6
4217	10.4	100007.3	-4620.1	4307	10.0	100429.8	-4658.9	4397	10.4	101106.3	-4606.2
4218	10.6	100008.1	-4611.2	4308	10.8	100430.8	-4645.3	4398	10.2	101113.3	-4603.7
4219	10.5	100008.8	-4604.5	4309	9.6	100434.3	-4653.1	4399	10.0	101113.3	-4612.6
4220	10.6	100010.8	-4604.4	4310	10.0	100440.8	-4641.7	4400	10.0	101115.3	-4633.7
4221	10.2	100012.3	-4611.4	4311	10.0	100447.3	-4623.9	4401	10.0	101121.3	-4631.1
4222	10.2	100012.3	-4644.9	4312	9.6	100447.3	-4605.9	4402	10.0	101121.8	-4610.1
4223	10.8	100012.3	-4642.8	4313	8.0	100448.8	-4649.9	4403	10.2	101125.3	-4644.8
4224	10.2	100012.3	-4648.0	4314	10.0	100453.3	-4610.9	4404	8.8	101130.8	-4616.0
4225	10.8	100017.1	-4659.5	4315	10.4	100453.3	-4627.8	4405	10.2	101145.3	-4628.8
4226	10.6	100018.3	-4635.8	4316	10.0	100454.3	-4623.8	4406	10.8	101157.8	-4643.1
4227	10.4	100020.4	-4658.7	4317	10.8	100458.8	-4648.0	4407	10.8	101158.8	-4645.9
4228	9.4	100020.8	-4647.6	4318	9.6	100500.3	-4641.7	4408	10.0	101159.3	-4617.5
4229	10.2	100020.8	-4623.3	4319	10.6	100500.3	-4650.2	4409	10.2	101200.8	-4625.1
4230	10.4	100023.2	-4606.7	4320	8.8	100500.8	-4600.5	4410	10.4	101202.3	-4624.5
4231	10.4	100025.8	-4640.7	4321	10.8	100507.8	-4629.9	4411	7.2	101213.8	-4612.6
4232	10.2	100027.8	-4621.8	4322	8.8	100510.8	-4627.8	4412	10.8	101219.8	-4655.8
4233	10.4	100029.8	-4654.8	4323	9.8	100514.3	-4633.9	4413	10.5	101229.8	-4605.4
4234	9.9	100031.0	-4602.8	4324	8.7	100519.8	-4656.2	4414	9.5	101311.8	-4605.8
4235	9.5	100032.3	-4604.8	4325	10.8	100520.8	-4630.7	4415	10.8	101315.3	-4636.2
4236	10.4	100036.8	-4628.5	4326	9.4	100540.8	-4615.0	4416	10.8	101316.8	-4656.1
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4239	10.5	100051.3	-4608.5	4329	10.2	100608.3	-4628.0	4419	10.4	101335.3	-4657.0
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4243	10.5	100123.8	-4612.1	4333	10.4	100637.3	-4647.5	4423	10.0	101402.3	-4639.1
4244	9.5	100125.3	-4606.6	4334	10.4	100640.8	-4649.1	4424	10.4	101408.8	-4648.9
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4247	10.4	100137.8	-4613.5	4337	10.8	100659.9	-4628.3	4427	10.	101421.8	-4637.9
4248	10.2	100140.3	-4611.2	4338	9.4	100705.3	-4648.1	4428	10.	101426.8	-4612.5
4249	10.4	100147.8	-4630.6	4339	10.8	100705.3	-4624.0	4429	10.	101430.3	-4651.9
4250	10.2	100149.8	-4629.3	4340	10.8	100705.9	-4637.9	4430	10.	101436.8	-4620.9
4251	9.2	100154.0	-4658.8	4341	10.0	100706.3	-4632.9	4431	8.	101446.8	-4628.2
4252	10.0	100203.8	-4657.4	4342	9.3	100708.8	-4644.7	4432	8.	101448.8	-4620.1
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4271	10.8	100310.8	-4637.9	4361	10.8	100822.0	-4639.9	4451	10.5	101637.3	-4630.1
4272	9.5	100312.3	-4638.1	4362	10.2	100822.3	-4617.0	4452	10.2	101643.3	-4628.3
4273	10.2	100314.8	-4651.0	4363	10.4	100828.8	-4640.2	4453	10.6	101647.3	-4628.8
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4276	10.2	100318.3	-4652.3	4366	8.5	100843.2	-4658.8	4456	10.8	101655.3	-4604.0
4277	10.2	100319.3	-4615.1	4367	10.6	100843.8	-4626.6	4457	10.6	101656.9	-4656.1
4278	9.6	100319.3	-4656.6	4368	8.4	100856.8	-4606.8	4458	10.8	101656.8	-4602.3
4279	10.2	100320.3	-4639.9	4369	9.9	100856.8	-4648.0	4459	10.8	101657.3	-4603.0
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4285	9.6	100328.8	-4645.7	4375	10.8	100920.8	-4617.7	4465	10.8	101738.3	-4628.8
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4287	8.3	100338.8	-4626.2	4377	10.8	100934.8	-4649.2	4467	10.2	101742.8	-4653.1
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4470	10.4	101750.8	-4626.3								
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4472	10.8	101800.3	-4626.9								
4473	10.2	101800.8	-4603.1								
4474	10.8	101802.8	-4604.5								
4475	10.6	101807.3	-4657.0								
4476	9.4	101809.8	-4658.7								
4477	9.3	101809.8	-4603.1								
4478	7.9	101814.8	-4603.4								
4479	9.6	101818.6	-4600.3								
4480	9.6	101822.8	-4620.6								
4481	10.2	101827.3	-4642.1								
4482	10.8	101830.8	-4617.0								
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4486	10.5	101858.8	-4647.3								
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4490	9.4	101917.3	-4627.7								
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4587 9.8 102602.8 -4619.9	4677 10.2 103232.6 -4656.8	4767 10.2 103723.8 -4611.4	4857 9.9 104319.2 -4658.3
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4592 10.2 102636.0 -4602.9	4682 9.9 103243.6 -4653.1	4772 10.2 103734.8 -4633.0	4862 10.2 104341.2 -4621.1
4593 9.7 102639.3 -4636.2	4683 10.2 103247.6 -4601.8	4773 9.2 103739.8 -4639.1	4863 10.2 104343.7 -4603.4
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4610 9.8 102755.2 -4610.8	4700 10.2 103348.6 -4607.6	4790 10.0 103837.6 -4647.3	4880 10.0 104451.7 -4611.1
4611 9.8 102802.7 -4614.4	4701 9.9 103349.1 -4634.9	4791 9.0 103838.6 -4642.1	4881 10.2 104504.0 -4607.6
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4620 8.7 102819.2 -4601.9	4710 10.2 103430.5 -4649.6	4800 10.2 103930.6 -4642.0	4890 9.8 104541.5 -4652.6
4621 10.2 102831.7 -4623.9	4711 10.0 103432.0 -4630.5	4801 10.2 103931.0 -4656.2	4891 10.0 104543.5 -4602.1
4622 9.8 102831.7 -4606.5	4712 9.4 103435.5 -4632.2	4802 10.2 103932.6 -4634.0	4892 9.9 104544.5 -4638.9
4623 9.8 102835.2 -4604.9	4713 10.0 103436.2 -4602.6	4803 9.9 103932.6 -4644.6	4893 10.2 104545.5 -4629.3
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4625 8.1 102844.2 -4653.2	4715 9.2 103442.5 -4626.9	4805 8.2 104016.6 -4648.2	4895 9.4 104559.0 -4622.0
4626 9.9 102846.7 -4626.5	4716 10.2 103444.0 -4640.6	4806 10.2 104017.6 -4646.0	4896 9.7 104607.0 -4649.4
4627 10.2 102847.7 -4602.6	4717 9.8 103449.0 -4619.0	4807 10.0 104018.1 -4611.9	4897 10.0 104617.5 -4651.7
4628 9.7 102849.7 -4643.8	4718 10.2 103449.5 -4647.4	4808 10.0 104019.1 -4608.6	4898 9.8 104618.0 -4606.6
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4634 10.2 102919.2 -4611.8	4724 9.0 103501.0 -4631.1	4814 10.2 104039.6 -4655.1	4904 10.2 104653.5 -4643.7
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4636 10.0 102925.2 -4641.4	4726 9.8 103503.5 -4620.5	4816 10.0 104054.6 -4602.4	4906 9.2 104654.5 -4607.1
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4639 10.2 102942.6 -4637.6	4729 10.0 103509.5 -4615.8	4819 9.9 104101.4 -4639.1	4909 8.7 104728.0 -4643.1
4640 10.2 102946.6 -4659.4	4730 10.2 103525.5 -4639.6	4820 10.2 104101.9 -4614.8	4910 10.2 104735.3 -4613.7
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4647 10.2 103009.1 -4627.0	4737 10.2 103546.5 -4619.4	4827 10.2 104114.9 -4635.6	4917 10.2 104816.3 -4607.3

-46 4917 10h48m

-46 4918 10h48m

-46 5277 11h13m

4918	10.0	104819.3	-4629.7	5008	10.4	105440.8	-4622.9	5098	10.4	110002.3	-4659.7
4919	9.2	104828.8	-4637.4	5009	10.0	105441.3	-4621.3	5099	9.8	110003.8	-4623.3
4920	10.2	104828.8	-4620.2	5010	9.5	105442.8	-4651.1	5100	7.7	110005.8	-4646.1
4921	9.2	104830.3	-4602.6	5011	9.8	105444.8	-4606.7	5101	10.0	110009.3	-4606.0
4922	10.0	104834.1	-4602.1	5012	9.9	105453.3	-4624.9	5102	10.3	110013.3	-4619.9
4923	10.2	104839.3	-4601.1	5013	9.5	105458.3	-4612.7	5103	10.3	110014.3	-4626.3
4924	9.6	104841.3	-4604.9	5014	9.8	105500.8	-4600.1	5104	10.3	110016.3	-4614.1
4925	10.2	104846.8	-4614.4	5015	10.3	105502.3	-4643.2	5105	10.4	110020.3	-4615.3
4926	8.9	104853.3	-4649.6	5016	10.3	105504.8	-4640.9	5106	9.0	110032.4	-4658.0
4927	9.8	104859.8	-4646.0	5017	10.2	105505.8	-4606.1	5107	8.8	110033.3	-4609.4
4928	9.0	104859.8	-4605.8	5018	10.4	105506.6	-4601.2	5108	10.0	110035.8	-4643.9
4929	9.7	104906.8	-4600.1	5019	9.8	105523.1	-4600.5	5109	10.4	110036.3	-4647.9
4930	9.0	104912.8	-4616.0	5020	10.2	105526.3	-4609.1	5110	9.7	110036.8	-4611.9
4931	9.6	104913.8	-4628.7	5021	10.4	105530.8	-4647.9	5111	10.2	110044.3	-4639.5
4932	10.2	104917.3	-4613.5	5022	10.4	105539.3	-4636.0	5112	9.4	110049.3	-4623.3
4933	9.8	104927.8	-4628.8	5023	10.4	105543.3	-4610.1	5113	9.8	110049.8	-4609.4
4934	10.2	104934.8	-4628.4	5024	10.4	105547.8	-4650.1	5114	10.0	110055.8	-4607.7
4935	9.8	104941.8	-4615.9	5025	10.4	105550.3	-4609.1	5115	10.4	110057.8	-4603.9
4936	9.5	104946.3	-4617.4	5026	10.4	105553.8	-4643.7	5116	9.9	110100.8	-4649.2
4937	10.2	104947.8	-4610.0	5027	9.9	105555.8	-4604.6	5117	9.5	110101.1	-4659.8
4938	10.0	104952.8	-4631.1	5028	10.4	105602.8	-4608.2	5118	8.7	110108.3	-4640.9
4939	10.2	104953.8	-4620.4	5029	10.3	105603.8	-4640.0	5119	10.4	110109.8	-4615.4
4940	9.7	104957.8	-4646.9	5030	9.8	105605.8	-4658.7	5120	9.8	110115.3	-4624.2
4941	9.2	105005.3	-4637.1	5031	10.0	105609.3	-4609.8	5121	10.2	110117.3	-4641.9
4942	9.0	105006.3	-4620.7	5032	9.9	105621.3	-4623.9	5122	9.3	110119.8	-4637.2
4943	9.9	105006.8	-4622.8	5033	9.3	105621.3	-4623.0	5123	9.1	110122.3	-4628.9
4944	8.1	105020.7	-4654.5	5034	10.2	105624.8	-4601.8	5124	10.2	110130.8	-4642.7
4945	10.2	105022.0	-4619.0	5035	10.0	105631.3	-4637.7	5125	9.9	110132.8	-4656.7
4946	10.2	105032.7	-4615.1	5036	9.8	105636.3	-4602.2	5126	10.4	110137.8	-4609.1
4947	9.4	105034.8	-4609.5	5037	9.7	105636.8	-4614.3	5127	10.4	110139.3	-4654.3
4948	10.2	105036.0	-4642.9	5038	9.8	105638.3	-4649.4	5128	10.0	110139.8	-4639.7
4949	10.0	105037.2	-4658.4	5039	10.4	105642.3	-4659.0	5129	10.3	110145.8	-4619.6
4950	10.2	105043.5	-4652.1	5040	10.2	105657.3	-4634.0	5130	9.7	110208.8	-4610.5
4951	9.8	105046.0	-4603.9	5041	9.2	105657.3	-4637.4	5131	10.4	110213.8	-4652.1
4952	10.2	105050.7	-4616.9	5042	10.0	105701.3	-4636.7	5132	9.8	110217.3	-4613.3
4953	8.7	105052.0	-4647.3	5043	9.9	105702.8	-4605.2	5133	9.3	110223.8	-4630.9
4954	10.2	105058.7	-4633.7	5044	10.2	105703.8	-4628.2	5134	9.8	110224.8	-4608.8
4955	10.2	105100.2	-4623.7	5045	10.0	105705.8	-4648.0	5135	10.0	110237.3	-4609.2
4956	10.2	105105.5	-4654.0	5046	10.0	105706.3	-4641.0	5136	9.1	110237.8	-4616.2
4957	10.2	105109.2	-4622.3	5047	9.9	105715.3	-4617.7	5137	10.2	110238.3	-4654.5
4958	10.4	105111.5	-4629.7	5048	9.7	105715.3	-4604.0	5138	10.4	110310.3	-4613.0
4959	8.9	105115.5	-4628.7	5049	10.0	105720.3	-4644.6	5139	9.1	110313.8	-4604.4
4960	10.3	105123.9	-4656.9	5050	10.4	105720.8	-4632.5	5140	10.0	110313.8	-4651.0
4961	10.4	105127.3	-4647.2	5051	9.8	105722.8	-4615.5	5141	10.4	110319.3	-4644.4
4962	10.2	105131.8	-4638.8	5052	9.9	105726.8	-4646.6	5142	9.4	110334.8	-4651.0
4963	10.4	105141.3	-4612.3	5053	9.5	105726.8	-4648.0	5143	10.2	110351.3	-4647.9
4964	10.4	105145.8	-4648.8	5054	9.4	105729.8	-4617.8	5144	10.4	110351.3	-4649.1
4965	10.4	105148.3	-4640.3	5055	9.9	105730.3	-4639.7	5145	10.4	110355.3	-4651.8
4966	10.3	105151.3	-4608.2	5056	9.5	105730.8	-4648.3	5146	10.2	110404.8	-4608.4
4967	9.8	105155.3	-4615.7	5057	9.8	105731.8	-4616.9	5147	10.4	110411.3	-4647.6
4968	10.4	105155.8	-4650.8	5058	10.0	105738.3	-4644.3	5148	9.6	110413.8	-4626.9
4969	9.8	105203.3	-4621.8	5059	10.4	105739.3	-4623.3	5149	10.4	110417.8	-4648.8
4970	9.8	105213.8	-4654.0	5060	9.4	105741.3	-4629.0	5150	9.9	110418.3	-4627.8
4971	10.2	105217.3	-4655.4	5061	10.4	105745.3	-4651.3	5151	9.8	110427.3	-4605.0
4972	9.4	105231.3	-4604.8	5062	9.8	105802.8	-4636.5	5152	9.6	110427.3	-4619.3
4973	10.0	105231.8	-4630.9	5063	9.7	105802.8	-4624.2	5153	9.3	110427.6	-4602.0
4974	10.4	105243.3	-4621.9	5064	10.2	105805.3	-4627.9	5154	10.2	110428.3	-4648.8
4975	9.8	105244.3	-4610.0	5065	10.0	105805.8	-4636.6	5155	9.1	110429.8	-4620.5
4976	9.7	105244.3	-4652.9	5066	10.3	105806.8	-4627.6	5156	10.4	110431.3	-4603.8
4977	10.0	105259.3	-4625.3	5067	10.4	105818.3	-4655.3	5157	10.4	110434.3	-4633.7
4978	10.0	105302.8	-4623.9	5068	9.6	105821.8	-4635.1	5158	10.4	110443.3	-4656.6
4979	10.2	105304.9	-4657.3	5069	10.0	105824.8	-4615.0	5159	10.4	110445.0	-4659.6
4980	9.0	105306.3	-4646.6	5070	9.9	105825.3	-4632.8	5160	10.0	110452.8	-4641.7
4981	10.4	105309.3	-4647.3	5071	10.2	105828.3	-4617.2	5161	10.0	110456.8	-4610.9
4982	10.2	105313.8	-4632.9	5072	10.2	105833.3	-4636.1	5162	9.8	110458.3	-4638.1
4983	10.3	105323.8	-4654.8	5073	10.2	105840.8	-4645.5	5163	9.9	110458.7	-4634.1
4984	10.4	105329.6	-4601.3	5074	10.2	105843.3	-4636.6	5164	10.0	110501.3	-4640.2
4985	10.4	105330.3	-4623.8	5075	10.4	105844.3	-4630.1	5165	10.0	110507.3	-4641.9
4986	9.8	105330.8	-4655.1	5076	9.1	105849.8	-4654.3	5166	10.4	110508.3	-4613.6
4987	9.1	105332.3	-4642.2	5077	10.3	105850.8	-4616.4	5167	10.4	110511.3	-4648.0
4988	10.4	105333.8	-4628.9	5078	10.4	105857.8	-4625.3	5168	10.4	110514.8	-4627.9
4989	10.4	105336.8	-4637.8	5079	10.3	105858.3	-4634.2	5169	10.0	110519.3	-4656.1
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5197	10.4	110704.8	-4654.4								
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5363 9.6 112010.2 -4610.0	5453 9.6 113248.6 -4610.8	5543 10.3 114632.3 -4644.7	5633 10.0 115622.3 -4641.0
5364 9.6 112014.2 -4611.2	5454 10.3 113252.6 -4625.4	5544 10.3 114634.5 -4620.2	5634 8.8 115624.3 -4622.5
5365 10.3 112021.7 -4651.5	5455 9.8 113258.1 -4604.0	5545 10.3 114643.8 -4613.5	5635 10.4 115624.7 -4612.2
5366 10.3 112028.7 -4622.9	5456 10.3 113332.1 -4656.2	5546 10.3 114645.3 -4619.7	5636 10.4 115626.7 -4634.1
5367 10.3 112031.7 -4621.6	5457 10.3 113344.6 -4646.5	5547 9.6 114655.0 -4641.2	5637 10.6 115627.7 -4623.6

-46 5637 11h56m

-46 5638 11h56m

-46 5997 12h44m

5638	9.4	115644.2	-4611.0	5728	10.6	120430.2	-4605.7	5818	8.6	121450.2	-4634.5
5639	9.9	115644.7	-4611.9	5729	10.6	120431.2	-4607.3	5819	9.2	121459.7	-4608.5
5640	10.2	115645.7	-4604.1	5730	10.0	120432.2	-4635.0	5820	8.8	121500.2	-4649.6
5641	10.6	115646.2	-4618.4	5731	9.5	120439.7	-4618.9	5821	9.6	121503.2	-4616.0
5642	10.6	115650.2	-4607.2	5732	9.8	120447.2	-4657.8	5822	8.8	121520.2	-4619.3
5643	10.0	115655.2	-4637.4	5733	10.0	120456.2	-4605.4	5823	9.8	121551.2	-4636.0
5644	10.0	115655.2	-4638.6	5734	10.5	120500.2	-4601.6	5824	9.2	121601.7	-4626.3
5645	10.0	115657.2	-4606.8	5735	9.9	120501.7	-4611.3	5825	9.8	121613.7	-4617.1
5646	10.6	115702.7	-4629.7	5736	10.6	120507.2	-4658.7	5826	9.8	121616.7	-4623.1
5647	10.6	115704.2	-4653.3	5737	8.4	120510.2	-4632.6	5827	9.6	121621.7	-4644.9
5648	10.2	115705.7	-4655.0	5738	10.5	120512.2	-4634.0	5828	9.2	121625.2	-4657.0
5649	10.2	115706.7	-4633.3	5739	10.0	120515.7	-4632.0	5829	9.6	121658.7	-4639.9
5650	10.6	115715.7	-4637.7	5740	10.0	120526.7	-4614.0	5830	9.6	121708.2	-4651.1
5651	9.0	115725.2	-4643.7	5741	8.8	120528.7	-4606.7	5831	9.5	121734.7	-4656.9
5652	10.0	115734.2	-4636.7	5742	9.4	120532.2	-4653.7	5832	9.2	121739.2	-4609.0
5653	10.6	115736.7	-4608.4	5743	10.5	120535.2	-4605.1	5833	7.3	121741.2	-4640.7
5654	10.2	115737.2	-4609.1	5744	10.6	120537.7	-4601.4	5834	9.8	121745.7	-4640.3
5655	9.0	115741.2	-4640.2	5745	10.2	120600.2	-4632.0	5835	9.8	121755.2	-4631.6
5656	10.0	115749.2	-4639.0	5746	10.2	120605.2	-4632.0	5836	8.0	121812.7	-4627.4
5657	10.6	115753.7	-4633.2	5747	9.9	120605.2	-4608.8	5837	9.8	121852.2	-4612.7
5658	10.5	115815.7	-4626.8	5748	8.8	120612.7	-4658.0	5838	9.8	121901.7	-4610.0
5659	10.0	115815.7	-4637.9	5749	10.2	120623.2	-4650.8	5839	9.2	121903.7	-4611.6
5660	10.3	115818.7	-4647.9	5750	9.9	120632.7	-4624.9	5840	9.8	121908.2	-4628.7
5661	10.3	115819.1	-4658.9	5751	10.0	120639.7	-4605.6	5841	8.8	121938.2	-4657.4
5662	10.0	115819.2	-4658.7	5752	10.6	120641.2	-4646.8	5842	9.5	121939.7	-4656.6
5663	9.4	115826.7	-4658.8	5753	10.0	120657.2	-4658.9	5843	9.6	121944.7	-4614.5
5664	9.9	115829.2	-4615.8	5754	10.3	120702.2	-4631.5	5844	9.8	122012.2	-4626.1
5665	10.6	115835.2	-4618.3	5755	10.6	120714.2	-4648.7	5845	8.8	122013.7	-4642.1
5666	9.8	115838.2	-4642.1	5756	9.8	120715.2	-4637.1	5846	8.7	122013.7	-4654.0
5667	10.6	115846.2	-4658.0	5757	10.6	120734.7	-4617.6	5847	9.2	122032.7	-4607.9
5668	10.6	115850.2	-4654.3	5758	9.5	120739.4	-4602.6	5848	9.2	122045.7	-4604.9
5669	10.0	115856.7	-4631.9	5759	10.6	120746.2	-4636.7	5849	9.8	122047.2	-4651.8
5670	10.5	115905.7	-4612.3	5760	9.4	120757.2	-4655.1	5850	8.8	122051.7	-4606.4
5671	10.6	115910.2	-4655.9	5761	10.6	120801.7	-4638.9	5851	9.8	122112.7	-4654.9
5672	9.4	115920.7	-4620.8	5762	10.0	120801.7	-4604.2	5852	9.8	122116.7	-4621.1
5673	9.4	115925.7	-4616.4	5763	9.8	120803.7	-4607.9	5853	8.8	122122.7	-4638.5
5674	10.4	115933.7	-4648.1	5764	10.5	120804.9	-4637.1	5854	9.8	122139.7	-4656.8
5675	10.6	115934.7	-4620.3	5765	10.6	120807.7	-4612.5	5855	9.5	122153.2	-4630.7
5676	10.5	115940.7	-4631.9	5766	10.5	120817.2	-4651.6	5856	9.4	122201.2	-4628.0
5677	10.6	115944.7	-4649.1	5767	10.6	120821.7	-4610.1	5857	9.3	122203.2	-4621.1
5678	10.2	115946.2	-4609.6	5768	10.5	120833.7	-4619.6	5858	9.6	122208.2	-4619.6
5679	9.1	115949.2	-4609.9	5769	10.6	120841.2	-4623.9	5859	9.8	122212.2	-4647.0
5680	10.6	115959.2	-4659.6	5770	10.6	120841.7	-4656.6	5860	9.4	122225.2	-4617.9
5681	9.9	120003.2	-4643.4	5771	10.2	120850.2	-4613.0	5861	9.8	122229.7	-4653.0
5682	10.6	120017.7	-4624.1	5772	9.5	120853.2	-4652.2	5862	9.2	122237.7	-4612.1
5683	9.4	120027.7	-4645.5	5773	9.9	120906.7	-4623.3	5863	9.2	122246.7	-4631.9
5684	9.7	120028.2	-4638.6	5774	10.6	120917.7	-4620.0	5864	9.4	122251.2	-4617.4
5685	10.6	120036.2	-4638.3	5775	10.6	120921.7	-4601.9	5865	9.8	122256.2	-4618.7
5686	9.8	120039.2	-4632.7	5776	9.0	120929.7	-4642.1	5866	9.8	122256.7	-4635.0
5687	10.6	120052.7	-4655.4	5777	10.4	120929.7	-4642.8	5867	9.5	122327.7	-4639.0
5688	10.3	120058.2	-4611.8	5778	10.0	120931.7	-4605.0	5868	9.8	122341.2	-4654.1
5689	10.6	120058.2	-4646.7	5779	10.6	120932.7	-4648.0	5869	8.5	122352.7	-4654.3
5690	10.0	120101.2	-4633.2	5780	10.5	120933.2	-4632.0	5870	9.8	122402.9	-4659.5
5691	9.8	120101.7	-4619.4	5781	9.4	120934.2	-4641.3	5871	8.6	122407.6	-4605.9
5692	9.4	120105.2	-4633.7	5782	10.4	120943.2	-4610.0	5872	9.8	122447.6	-4620.8
5693	9.4	120105.2	-4637.1	5783	9.8	120944.7	-4628.8	5873	9.0	122508.1	-4601.2
5694	9.8	120115.2	-4605.0	5784	9.9	120948.2	-4649.2	5874	9.6	122513.1	-4654.8
5695	10.2	120125.7	-4656.3	5785	10.0	121000.2	-4608.9	5875	9.8	122539.1	-4607.7
5696	10.2	120129.7	-4629.1	5786	10.6	121011.7	-4603.3	5876	9.6	122549.6	-4607.9
5697	10.4	120133.2	-4615.2	5787	9.9	121021.7	-4633.3	5877	8.8	122605.1	-4653.5
5698	10.2	120133.7	-4638.7	5788	9.9	121023.2	-4651.0	5878	8.1	122619.6	-4621.2
5699	10.6	120135.7	-4628.0	5789	10.5	121027.2	-4615.7	5879	9.6	122621.6	-4613.2
5700	10.2	120140.7	-4636.5	5790	10.6	121029.7	-4609.7	5880	8.7	122627.6	-4606.0
5701	10.0	120145.7	-4620.3	5791	10.4	121035.7	-4638.7	5881	9.8	122639.6	-4607.8
5702	10.6	120157.2	-4617.0	5792	10.3	121038.2	-4637.1	5882	9.5	122647.6	-4614.6
5703	9.9	120200.7	-4615.9	5793	10.6	121038.7	-4628.7	5883	9.8	122725.1	-4617.1
5704	9.9	120205.7	-4612.5	5794	10.4	121050.7	-4612.6	5884	9.8	122732.1	-4644.7
5705	10.4	120213.7	-4631.5	5795	10.2	121056.6	-4600.6	5885	8.6	122733.1	-4626.2
5706	10.5	120221.2	-4612.8	5796	9.9	121056.7	-4634.4	5886	9.0	122735.6	-4659.0
5707	10.4	120221.7	-4613.2	5797	10.6	121101.7	-4659.8	5887	9.6	122740.1	-4614.7
5708	9.9	120239.2	-4620.1	5798	10.6	121120.2	-4605.9	5888	9.8	122748.6	-4650.2
5709	10.6	120244.2	-4607.1	5799	10.3	121126.7	-4655.9	5889	9.6	122757.1	-4642.0
5710	10.6	120256.7	-4653.8	5800	10.4	121147.2	-4629.9	5890	9.2	122759.6	-4653.6
5711	10.6	120257.7	-4638.0	5801	9.2	121156.0	-4608.2	5891	9.5	122807.9	-4659.6
5712	10.6	120257.7	-4655.6	5802	9.9	121157.5	-4653.9	5892	9.3	122809.6	-4635.8
5713	10.6	120309.2	-4633.2	5803	10.6	121203.2	-4624.9	5893	9.6	122814.6	-4611.8
5714	9.9	120313.2	-4604.2	5804	10.6	121205.7	-4654.1	5894	9.8	122836.1	-4629.8
5715	10.6	120316.7	-4653.3	5805	10.0	121211.7	-4655.9	5895	9.5	122855.1	-4645.7
5716	9.9	120323.2	-4602.8	5806	10.3	121213.2	-4606.3	5896	9.6	122914.1	-4614.3
5717	10.6	120329.7	-4645.8	5807	10.5	121219.7	-4627.1	5897	9.8	122919.6	-4635.9
5718	8.8	120336.2	-4657.1	5808	10.2	121222.7	-4630.9	5898	8.6	122925.6	-4608.3
5719	9.9	120339.2	-4610.7	5809	10.0	121222.7	-4607.7	5899	9.8	122929.6	-4620.2
5720	10.3	120339.7	-4639.9	5810	10.0	121301.7	-4601.0	5900	9.4	123029.1	-4612.0
5721	8.3	120341.7	-4617.3	5811	10.6	121348.2	-4649.2	5901	9.2	123037.1	-4615.9
5722	10.6	120354.7	-4616.6	5812	10.0	121352.2	-4628.7	5902	9.6	123041.1	-4645.4
5723	9.1	120400.2	-4654.9	5813	10.0	121355.2	-4609.5	5903	9.5	123111.5	-4639.2
5724	10.0	120404.7	-4616.3	5814	9.9	121359.5	-4638.7	5904	9.4	123112.0	-4617.0
5725	10.6	120414.2	-4637.9	5815	10.6	121408.2	-4607.9	5905	8.1	123125.5	-4625.6
5726	9.9	120415.2	-4613.2	5816	9.7	121409.7	-4612.7	5906	9.8	123129.5	-4618.0
5727	10.6	120416.2	-4634.3	5817	7.0	121416.7	-4645.7	5907	9.2	123139.5	-4635.7
5908	9.2	123215.0	-4615.4								
5909	9.8	123232.5	-4610.5								
5910	9.3	123249.0	-4652.7								
5911	9.8	123321.8	-4659.4								
5912	9.8	123326.5	-4624.2								
5913	9.8	123340.5	-4650.3								
5914	9.5	123351.0	-4627.9								
5915	9.5	123352.0	-4652.6								
5916	9.5	123405.0	-4654.0								
5917	9.3	123409.0	-4601.3								
5918	9.6	123411.0	-4644.1								
5919	9.8	123415.5	-4618.3								
5920	9.0	123419.5	-4658.2								
5921	8.8	123425.5	-4605.8								
5922	9.8	123426.5	-4603.8								
5923	8.8	123436.0	-4656.2								
5924	9.6	123438.8	-4601.2								
5925	9.8	123442.0	-4628.1								
5926	8.8	123448.0	-4625.1								
5927	9.8	123449.5	-4618.7								
5928	9.8	123500.5	-4620.0								
5929	8.4	123501.0	-4655.2								
5930	9.6	123509.5	-4617.1								
5931	9.6	123519.0	-4640.7								
5932	8.5	123538.0	-4634.8								
5933	9.8	123545.5	-4639.4								
5934	9.8	123547.5	-4639.5								
5935	8.8	123549.0	-4654.6								
5936	9.8	123610.0	-4619.3								
5937	9.2	123616.5	-4645.9								
5938	9.4	123621.5	-4652.4								
5939	9.8	123633.0	-4634.8								
5940	9.6	123636.0	-4632.4								
5941	9.8	123637.0	-4658.4								
5942	9.5	123638.0	-4611.0								
5943	9.3	123642.5	-4615.0								
5944	9.8	123650.5	-4631.1								
5945	9.8	123653.0	-4623.7								
5946	9.3	123657.9	-4633.7								
5947	9.8	123659.4	-4653.0								
5948	9.4	123703.9	-4619.0								
5949	8.8	123717.4	-4638.6								
5950	9.8	123744.9	-4630.9								
5951	9.6	123755.9	-4650.7								
5952	9.4	123802.4	-4639.0								
5953	9.6	123802.9	-4618.4								
5954	9.5	123804.1	-4657.4								
5955	9.3	123814.4	-4635.8								
5956	9.4	123815.9	-4652.8								
5957	9.8	123816.9	-4646.6								
5958	8.4	123819.4	-4615.0								
5959	9.6	123820.4	-4639.0								
5960	9.3	123839.9	-4616.0								
5961	9.4	123845.9	-4641.7								
5962	9.8	123849.9	-4635.6								
5963	9.6	123901.4	-4613.3								
5964	9.5	123908.9	-4647.9								
5965	8.9	123912.9	-4615.0								
5966	9.2	123922.6	-4601.4								
5967	9.2	123927.4	-4644.4								
5968	9.8	123928.9	-4608.8								
5969	8.2	123945.4	-4635.8								
5970	9.8	124017.9	-4646.1								
5971	9.8	124019.9	-4644.0								
5972	9.8	124020.9	-4618.0								
5973	9.8	124035.3	-4627.9								
5974	9.8	124039.4	-4659.8								
5975	9.8	124051.9	-4636.8								
5976	9.8	124058.9	-4640.4								
5977	10.2	124108.1	-4628.6								
5978	10.2	124140.1	-4658.9								
5979	9.2	124150.6	-4633.1								
5980	9.8	124200.1	-4644.7								
5981	9.0	124229.1	-4616.1								
5982	10.0	124234.6	-4651.9								
5983	9.9	124236.6	-4603.7								
5984	9.8	124246.1	-4638.9								
5985	9.5	124251.1	-4614.7								
5986	9.6	124256.1	-4608.0								
5987	7.7	124326.1	-4632.3								
5988	9.3	124332.6	-4650.0								
5989	9.5	124348.1	-4616.1								
5990	10.2	124350.6	-4632.0								
5991	9.6	124352.6	-4610.6								
5992	9.0	124411.1	-4636.2								
5993	9.2	124412.1	-4611.0								
5994	8.8	124414.1	-4611.4								
5995	9.9	124420.1	-4616.3								
5996	10.0	124421.1	-4645.0								
5997	9.6	124436.1	-4608.4								

-46 5998 12h44m

5998	9.8	124437.6	-4653.8
5999	9.9	124443.1	-4617.4
6000	8.8	124450.1	-4649.6
6001	10.2	124454.0	-4658.6
6002	10.2	124459.6	-4603.5
6003	9.0	124500.1	-4635.6
6004	10.0	124505.6	-4636.1
6005	10.2	124519.8	-4659.4
6006	9.0	124525.1	-4614.4
6007	10.0	124528.1	-4636.7
6008	10.2	124547.1	-4615.7
6009	10.2	124547.4	-4601.0
6010	10.0	124549.1	-4654.0
6011	10.2	124550.1	-4607.9
6012	10.2	124551.6	-4648.0
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6014	9.6	124601.6	-4616.9
6015	10.2	124609.6	-4654.2
6016	9.6	124619.1	-4630.0
6017	10.0	124628.1	-4634.7
6018	9.5	124640.1	-4642.3
6019	9.6	124640.1	-4603.1
6020	10.2	124702.6	-4613.4
6021	9.2	124710.1	-4629.1
6022	9.0	124724.6	-4610.8
6023	10.2	124726.6	-4656.7
6024	9.9	124734.1	-4609.2
6025	10.2	124740.1	-4610.4
6026	9.2	124741.6	-4638.4
6027	10.2	124749.1	-4650.3
6028	10.0	124750.1	-4613.7
6029	9.6	124813.1	-4622.8
6030	10.2	124816.1	-4629.6
6031	9.9	124833.6	-4629.3
6032	10.0	124838.1	-4602.2
6033	9.6	124858.1	-4605.9
6034	9.6	124903.6	-4659.1
6035	10.0	124904.6	-4648.9
6036	10.0	124904.6	-4625.9
6037	9.2	124905.1	-4613.5
6038	10.0	124918.6	-4608.4
6039	9.0	124921.1	-4616.2
6040	10.2	124928.1	-4609.8
6041	10.2	124935.1	-4620.4
6042	9.0	124938.1	-4652.2
6043	9.8	124953.6	-4622.2
6044	10.0	124959.6	-4652.8
6045	10.0	125000.1	-4659.5
6046	9.9	125001.1	-4615.1
6047	9.2	125003.6	-4626.2
6048	9.8	125005.6	-4654.8
6049	8.6	125006.1	-4631.8
6050	9.8	125012.6	-4629.2
6051	9.8	125014.6	-4631.7
6052	8.8	125019.1	-4644.4
6053	9.9	125020.6	-4650.6
6054	9.8	125020.9	-4659.7
6055	10.2	125031.1	-4651.4
6056	9.6	125101.6	-4621.6
6057	7.3	125105.1	-4623.3
6058	9.0	125106.6	-4621.2
6059	9.2	125115.1	-4641.1
6060	9.6	125117.1	-4611.6
6061	9.6	125130.1	-4601.5
6062	10.2	125130.1	-4637.5
6063	9.8	125134.1	-4649.9
6064	10.0	125145.1	-4645.8
6065	10.0	125150.6	-4651.5
6066	9.3	125155.1	-4629.4
6067	9.6	125159.6	-4624.6
6068	10.2	125201.6	-4626.0
6069	10.2	125204.6	-4608.0
6070	9.8	125205.6	-4625.5
6071	10.0	125212.1	-4603.6
6072	9.8	125212.6	-4621.4
6073	9.4	125216.6	-4644.7
6074	9.2	125220.1	-4656.6
6075	9.0	125220.1	-4612.5
6076	9.2	125226.6	-4630.2
6077	9.6	125231.3	-4600.1
6078	9.9	125240.3	-4600.3
6079	10.2	125245.1	-4606.5
6080	10.2	125259.6	-4609.8
6081	9.0	125301.1	-4628.5
6082	9.5	125302.3	-4601.1
6083	9.5	125305.6	-4630.6
6084	9.4	125310.1	-4626.1
6085	10.2	125310.1	-4646.6
6086	10.0	125321.6	-4659.4
6087	9.6	125326.6	-4618.5
6088	9.5	125340.6	-4606.2
6089	10.2	125340.6	-4652.1
6090	10.2	125344.1	-4629.5
6091	10.0	125351.1	-4652.0
6092	10.0	125352.6	-4620.9
6093	9.5	125401.6	-4631.0
6094	9.8	125407.6	-4628.7
6095	10.2	125407.6	-4631.2
6096	9.0	125416.1	-4636.7
6097	10.0	125418.6	-4622.5
6098	9.5	125420.1	-4649.5
6099	10.2	125420.1	-4621.5
6100	9.5	125420.1	-4630.0
6101	9.6	125420.1	-4617.8
6102	9.6	125421.6	-4649.0
6103	10.2	125424.6	-4635.6
6104	10.2	125427.1	-4650.8
6105	9.9	125440.1	-4646.3
6106	10.0	125442.1	-4612.0
6107	10.2	125449.1	-4637.3
6108	9.8	125450.1	-4607.7
6109	10.2	125453.1	-4619.1
6110	9.8	125500.6	-4646.0
6111	10.2	125512.6	-4624.7
6112	9.9	125515.1	-4607.1
6113	9.5	125524.6	-4640.2
6114	9.4	125542.6	-4600.4
6115	9.9	125555.1	-4641.0
6116	10.2	125556.6	-4627.1
6117	9.5	125602.1	-4612.5
6118	10.2	125615.3	-4648.0
6119	9.6	125619.3	-4642.0
6120	9.8	125620.3	-4625.7
6121	10.2	125624.8	-4656.1
6122	9.4	125630.3	-4608.6
6123	10.2	125632.3	-4631.6
6124	9.4	125632.7	-4601.6
6125	9.8	125632.8	-4636.0
6126	10.2	125652.8	-4616.2
6127	9.9	125652.8	-4643.0
6128	9.8	125706.3	-4649.0
6129	9.8	125709.3	-4642.6
6130	9.6	125709.7	-4602.8
6131	10.0	125710.8	-4647.3
6132	9.6	125717.8	-4653.7
6133	10.0	125720.3	-4652.2
6134	10.2	125720.3	-4607.2
6135	10.0	125722.8	-4605.2
6136	9.8	125726.3	-4635.3
6137	10.2	125729.5	-4659.9
6138	10.2	125735.3	-4630.7
6139	10.2	125739.8	-4619.1
6140	9.0	125748.3	-4645.9
6141	8.6	125748.3	-4643.4
6142	10.2	125750.3	-4622.6
6143	7.2	125755.3	-4626.6
6144	10.2	125759.8	-4647.2
6145	9.4	125802.3	-4629.5
6146	9.4	125810.8	-4641.0
6147	10.0	125812.3	-4612.0
6148	9.9	125819.8	-4610.4
6149	10.2	125821.8	-4628.0
6150	9.0	125823.8	-4638.0
6151	9.6	125824.3	-4630.2
6152	9.4	125826.3	-4605.7
6153	9.5	125826.3	-4611.2
6154	10.2	125827.3	-4652.4
6155	9.4	125841.8	-4652.0
6156	10.2	125846.3	-4625.2
6157	9.6	125847.8	-4647.9
6158	9.6	125848.8	-4648.0
6159	10.0	125856.3	-4633.5
6160	10.0	125903.3	-4645.0
6161	10.2	125911.3	-4638.4
6162	9.5	125922.8	-4617.1
6163	9.0	125930.3	-4651.2
6164	9.8	125933.3	-4628.3
6165	10.2	125934.8	-4648.6
6166	9.2	125940.8	-4615.0
6167	9.2	125947.8	-4659.0
6168	9.2	125951.3	-4657.8
6169	9.6	125958.3	-4616.3
6170	9.4	125958.3	-4603.6
6171	10.0	130009.8	-4645.2
6172	9.8	130013.3	-4613.8
6173	10.2	130013.3	-4653.3
6174	8.7	130028.3	-4637.1
6175	8.8	130030.3	-4637.3
6176	9.0	130030.3	-4609.4
6177	9.8	130032.8	-4650.8

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6178	10.0	130041.3	-4646.0
6179	10.2	130048.3	-4617.6
6180	9.6	130104.3	-4658.1
6181	10.2	130107.6	-4602.4
6182	9.5	130110.3	-4615.2
6183	9.9	130112.5	-4643.0
6184	9.6	130116.3	-4646.5
6185	9.6	130121.3	-4623.9
6186	10.2	130130.3	-4602.8
6187	10.2	130131.3	-4637.6
6188	10.2	130147.3	-4606.2
6189	9.2	130210.8	-4641.9
6190	10.2	130211.8	-4649.5
6191	9.4	130219.3	-4638.7
6192	10.2	130219.8	-4638.4
6193	8.6	130220.8	-4600.5
6194	10.2	130222.6	-4602.3
6195	10.2	130233.8	-4632.9
6196	8.3	130240.8	-4653.2
6197	10.2	130251.3	-4630.7
6198	10.2	130304.3	-4614.6
6199	10.2	130306.9	-4602.5
6200	10.2	130319.3	-4606.6
6201	9.8	130320.3	-4657.1
6202	8.6	130330.3	-4611.0
6203	9.3	130334.8	-4610.0
6204	10.2	130337.3	-4658.9
6205	9.3	130345.3	-4627.8
6206	9.4	130350.3	-4631.8
6207	7.8	130355.8	-4637.3
6208	9.2	130413.8	-4610.8
6209	10.0	130414.8	-4647.0
6210	9.0	130415.8	-4618.1
6211	9.6	130421.8	-4647.2
6212	9.6	130422.8	-4651.6
6213	9.6	130434.3	-4637.2
6214	9.6	130437.8	-4644.6
6215	10.0	130440.1	-4658.6
6216	10.0	130442.3	-4627.8
6217	10.0	130442.3	-4639.2
6218	10.2	130445.8	-4649.8
6219	9.6	130447.3	-4629.9
6220	10.2	130448.8	-4646.6
6221	9.9	130452.3	-4631.9
6222	9.6	130452.3	-4604.2
6223	10.2	130452.8	-4638.4
6224	10.0	130502.3	-4632.6
6225	10.2	130511.3	-4622.8
6226	9.9	130514.8	-4639.2
6227	10.2	130515.3	-4617.8
6228	9.5	130518.3	-4647.2
6229	9.9	130521.1	-4656.8
6230	10.2	130521.6	-4639.1
6231	10.2	130524.8	-4638.7
6232	10.0	130525.8	-4651.2
6233	9.5	130532.8	-4627.0
6234	9.6	130534.3	-4650.9
6235	9.6	130555.8	-4626.8
6236	10.2	130600.8	-4656.7
6237	10.0	130613.8	-4634.1
6238	9.2	130620.3	-4632.4
6239	9.6	130622.8	-4602.9
6240	10.2	130629.3	-4602.6
6241	10.0	130635.1	-4657.4
6242	9.6	130640.3	-4629.5
6243	10.2	130642.8	-4617.8
6244	10.2	130652.3	-4641.8
6245	9.0	130700.3	-4628.8
6246	9.6	130710.3	-4635.2
6247	9.4	130711.8	-4635.4
6248	9.0	130719.8	-4658.3
6249	9.0	130719.8	-4647.9
6250	9.4	130720.3	-4642.8
6251	10.2	130720.3	-4607.0
6252	8.1	130721.8	-4611.6
6253	10.2	130728.3	-4638.8
6254	10.0	130742.8	-4603.5
6255	9.6	130747.3	-4645.9
6256	10.0	130756.8	-4640.8
6257	8.7	130807.8	-4651.5
6258	10.0	130825.5	-4657.9
6259	10.2	130829.3	-4648.2
6260	10.2	130830.3	-4612.7
6261	9.2	130832.0	-4608.0
6262	9.2	130832.8	-4613.6
6263	9.5	130834.5	-4642.7
6264	10.2	130843.3	-4634.9
6265	10.2	130843.8	-4648.9
6266	8.1	130846.5	-4601.8
6267	10.2	130853.8	-4656.6
6268	9.3	130916.3	-4616.2
6269	10.0	130919.8	-4637.1
6270	10.0	130925.3	-4600.9
6271	9.9	130926.8	-4643.0
6272	10.2	130930.3	-4623.4
6273	9.5	130930.3	-4623.7
6274	9.4	130930.3	-4633.6
6275	9.5	130934.0	-4642.0
6276	9.6	130939.3	-4606.1
6277	9.9	131000.3	-4638.2
6278	10.2	131007.8	-4656.6
6279	10.2	131023.2	-4634.7
6280	7.1	131023.8	-4655.8
6281	10.2	131048.7	-4623.8
6282	10.2	131049.2	-4606.1
6283	8.4	131101.2	-4626.6
6284	10.2	131103.2	-4657.9
6285	9.9	131107.2	-4653.5
6286	10.2	131120.2	-4649.7
6287	10.2	131120.7	-4640.6
6288	9.9	131129.2	-4620.7
6289	9.9	131146.7	-4622.5
6290	10.2	131205.7	-4644.9
6291	9.9	131209.2	-4624.4
6292	8.9	131211.2	-4654.4
6293	10.2	131217.7	-4645.8
6294	10.1	131233.7	-4630.0
6295	9.6	131240.7	-4634.4
6296	9.7	131251.2	-4654.9
6297	10.0	131304.2	-4653.4
6298	9.6	131316.7	-4623.5
6299	10.2	131318.2	-4601.9
6300	9.9	131311.7	-4611.5
6301	10.1	131320.2	-4632.4
6302	10.1	131323.7	-4617.5
6303	10.2	131333.2	-4648.4
6304	7.0	131336.7	-4613.4
6305	10.0	131337.0	-4658.8
6306	9.6	131345.2	-4610.9
6307	9.7	131350.2	-4607.9
6308	8.8	131408.0	-4659.3
6309	10.2	131411.2	-4614.2
6310	9.7	131414.4	-4602.7
6311	9.8	131421.7	-4640.4
6312	9.9	131423.7	-4600.1
6313	9.6	131424.2	-4634.1
6314	9.4	131427.2	-4630.5
6315	10.2	131433.7	-4635.1
6316	9.1	131434.2	-4613.2
6317	10.1	131449.2	-4638.8
6318	10.0	131527.7	-4625.6
6319	10.1	131538.2	-4621.0
6320	10.2	131541.2	-4603.4
6321	10.2	131552.7	-4625.4
6322	10.0	131603.2	-4645.3
6323	9.4	131628.2	-4653.4
6324	9.0	131630.2	-4617.8
6325	10.1	131649.2	-4632.9
6326	10.2	131659.2	-4637.1
6327	9.7	131659.2	-4609.4
6328	9.6	131708.7	-4646.8
6329	9.3	131718.5	-4656.8
6330	9.0	131721.2	-4600.1
6331	10.2	131734.2	-4644.8
6332	9.0	131755.9	-4658.9
6333	9.6	131759.4	-4600.7
6334	9.6	131800.2	-4648.7
6335	10.2	131800.2	-4636.9
6336	9.4	131800.2	-4620.1
6337	9.0	131800.4	-4600.2
6338	9.8	131807.7	-4658.9
6339	9.7	131811.2	-4655.1
6340	8.3	131821.2	-4652.3
6341	10.2	131821.2	-4602.9
6342	10.2	131822.2	-4621.3
6343	10.2	131826.2	-4605.7
6344	10.2	131858.2	-4613.9
6345	9.8	131859.2	-4657.3
6346	10.1	131914.2	-4634.5
6347	10.2	131918.2	-4629.9
6348	20.0	131918.6	-4649.3
6349	8.4	131919.2	-4640.7
6350	9.3	131926.5	-4657.5
6351	9.6	131926.7	-4629.2
6352	9.9	131929.2	-4629.9
6353	9.9	131935.2	-4647.5
6354	9.4	131948.2	-4624.5
6355	9.6	131949.0	-4657.9
6356	9.7	131949.2	-4645.9
6357	9.6	131956.7	-4600.9

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-46 6717 14h09m

6358	9.6	132002.2	-4634.7	6448	10.2	133251.2	-4658.0	6538	9.4	134502.1	-4625.6
6359	10.2	132002.7	-4618.9	6449	9.6	133304.7	-4633.4	6539	9.4	134503.1	-4607.0
6360	10.2	132013.7	-4639.9	6450	9.6	133309.2	-4604.0	6540	9.4	134511.6	-4643.1
6361	10.0	132023.7	-4647.2	6451	9.4	133311.0	-4657.6	6541	9.6	134517.9	-4656.4
6362	9.0	132033.7	-4644.3	6452	9.7	133312.7	-4614.4	6542	9.5	134523.6	-4606.6
6363	9.4	132040.2	-4654.5	6453	9.1	133317.7	-4622.3	6543	9.9	134531.1	-4644.9
6364	10.2	132049.2	-4623.8	6454	9.9	133323.7	-4604.8	6544	10.0	134535.1	-4646.2
6365	10.2	132109.0	-4658.4	6455	10.2	133347.2	-4627.4	6545	9.4	134538.1	-4615.4
6366	10.2	132118.5	-4659.0	6456	9.8	133349.2	-4615.4	6546	6.8	134610.6	-4630.5
6367	9.0	132128.2	-4640.5	6457	9.1	133349.2	-4622.0	6547	10.0	134631.1	-4603.8
6368	9.6	132149.2	-4607.1	6458	10.2	133409.7	-4620.0	6548	9.9	134638.1	-4658.8
6369	10.2	132159.2	-4610.9	6459	9.4	133416.7	-4639.1	6549	9.9	134700.1	-4626.1
6370	10.1	132214.2	-4642.2	6460	9.8	133419.2	-4649.0	6550	9.8	134718.6	-4643.5
6371	8.8	132215.2	-4646.2	6461	9.4	133441.2	-4651.8	6551	10.0	134720.1	-4620.6
6372	8.8	132233.7	-4644.4	6462	8.3	133442.2	-4637.0	6552	10.0	134722.1	-4652.6
6373	9.0	132240.2	-4623.8	6463	8.6	133518.7	-4621.4	6553	9.5	134725.1	-4632.8
6374	9.8	132242.2	-4656.0	6464	9.0	133520.7	-4643.4	6554	7.6	134727.1	-4628.4
6375	9.4	132306.7	-4633.2	6465	10.1	133524.2	-4609.0	6555	9.9	134730.1	-4638.6
6376	8.8	132316.2	-4607.2	6466	8.5	133544.7	-4600.3	6556	9.6	134730.1	-4644.6
6377	9.9	132328.2	-4656.1	6467	9.6	133557.7	-4601.8	6557	8.9	134732.3	-4603.2
6378	10.2	132339.2	-4600.0	6468	10.1	133602.0	-4600.4	6558	9.4	134740.1	-4650.5
6379	9.9	132341.2	-4612.3	6469	10.2	133602.7	-4644.4	6559	10.0	134741.1	-4659.2
6380	10.0	132344.2	-4639.4	6470	9.6	133609.5	-4634.4	6560	3.6	134745.5	-4640.3
6381	10.2	132346.2	-4613.6	6471	8.8	133619.1	-4602.5	6561	8.8	134746.1	-4649.2
6382	7.8	132400.7	-4605.3	6472	8.9	133619.5	-4605.6	6562	9.9	134748.1	-4609.1
6383	9.8	132424.7	-4642.8	6473	9.4	133624.3	-4659.9	6563	10.0	134759.1	-4608.8
6384	9.6	132428.7	-4631.9	6474	8.8	133625.5	-4627.3	6564	9.9	134820.1	-4635.2
6385	9.2	132434.1	-4601.8	6475	9.0	133630.2	-4631.1	6565	9.4	134830.1	-4631.6
6386	10.1	132439.2	-4607.6	6476	10.2	133631.2	-4641.9	6566	9.4	134834.6	-4611.6
6387	9.4	132442.7	-4613.6	6477	9.7	133645.2	-4628.8	6567	9.4	134835.[illegible]	-4630.3
6388	9.0	132445.7	-4646.2	6478	10.0	133654.2	-4613.0	6568	9.5	134843.0	-4600.3
6389	10.1	132448.0	-4657.9	6479	7.6	133658.7	-4635.2	6569	10.0	134850.1	-4623.0
6390	9.6	132449.2	-4623.6	6480	9.2	133701.4	-4602.7	6570	9.9	134905.1	-4640.9
6391	7.8	132453.7	-4637.2	6481	9.5	133706.8	-4648.3	6571	9.8	134908.1	-4632.4
6392	9.4	132504.2	-4608.3	6482	9.6	133722.7	-4600.9	6572	8.8	134909.6	-4648.6
6393	8.9	132519.2	-4616.0	6483	9.6	133724.4	-4642.1	6573	8.7	134915.6	-4643.6
6394	10.2	132528.7	-4608.5	6484	9.9	133739.9	-4653.1	6574	9.4	134921.1	-4617.9
6395	8.2	132530.2	-4612.9	6485	9.4	133800.4	-4605.5	6575	9.2	134941.1	-4644.7
6396	9.0	132531.2	-4644.8	6486	9.4	133808.9	-4636.7	6576	7.8	134952.6	-4623.8
6397	10.2	132540.7	-4636.2	6487	8.9	133830.9	-4641.8	6577	9.6	135000.1	-4627.5
6398	10.0	132541.2	-4624.6	6488	8.8	133836.9	-4631.7	6578	10.0	135000.1	-4637.1
6399	9.0	132543.2	-4638.2	6489	10.0	133859.8	-4617.2	6579	10.0	135010.1	-4621.9
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6403	10.2	132626.2	-4637.2	6493	10.0	133947.9	-4639.7	6583	9.5	135040.1	-4650.1
6404	9.7	132631.4	-4602.6	6494	9.4	133955.4	-4655.1	6584	9.7	135040.6	-4613.2
6405	8.6	132639.2	-4636.1	6495	8.4	134010.4	-4646.8	6585	9.4	135048.6	-4647.3
6406	9.4	132644.2	-4642.2	6496	8.2	134034.9	-4651.3	6586	9.0	135105.1	-4656.2
6407	9.6	132722.2	-4630.0	6497	8.9	134041.4	-4611.0	6587	9.7	135118.6	-4615.3
6408	9.9	132723.7	-4657.8	6498	9.4	134044.9	-4654.4	6588	10.0	135132.1	-4626.6
6409	10.2	132728.7	-4624.0	6499	7.9	134058.9	-4620.8	6589	9.7	135200.1	-4642.2
6410	10.0	132734.2	-4622.0	6500	9.5	134059.9	-4605.6	6590	8.8	135209.1	-4637.0
6411	10.0	132810.2	-4607.1	6501	8.2	134110.6	-4608.3	6591	9.6	135221.6	-4609.6
6412	10.2	132830.7	-4646.1	6502	9.9	134116.1	-4617.3	6592	10.0	135230.1	-4639.1
6413	9.4	132837.2	-4615.8	6503	9.5	134120.1	-4621.2	6593	9.0	135230.1	-4602.3
6414	10.2	132838.7	-4659.6	6504	9.1	134121.1	-4607.9	6594	9.1	135244.1	-4631.7
6415	9.3	132854.7	-4612.6	6505	10.0	134145.1	-4656.0	6595	9.5	135255.6	-4620.6
6416	8.0	132901.2	-4639.4	6506	8.0	134150.1	-4644.8	6596	9.5	135310.1	-4613.8
6417	10.1	132905.7	-4643.6	6507	9.6	134155.1	-4653.2	6597	9.8	135328.6	-4655.5
6418	10.2	132907.2	-4633.1	6508	10.0	134156.1	-4616.8	6598	9.4	135330.6	-4627.0
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6432	9.4	133039.2	-4637.0	6522	10.0	134338.1	-4639.7	6612	10.0	135516.1	-4659.0
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6442	9.3	133213.7	-4647.3	6532	9.5	134411.6	-4633.6	6622	8.5	135557.6	-4647.2
6443	9.6	133215.7	-4646.6	6533	10.0	134419.1	-4657.9	6623	10.0	135601.2	-4615.9
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6446	9.3	133236.7	-4620.3	6536	9.7	134449.9	-4659.2	6626	9.2	135613.1	-4639.8
6447	10.1	133244.2	-4637.6	6537	10.0	134453.1	-4648.1	6627	10.0	135616.1	-4603.7
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6638	10.0	135859.3	-4659.1								
6639	7.2	135901.5	-4659.5								
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6675	9.4	140340.9	-4610.0								
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6680	9.5	140457.7	-4612.6								
6681	10.0	140457.9	-4625.3								
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6688	10.2	140550.1	-4617.7								
6689	10.2	140600.1	-4648.0								
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6718	10.2	140929.7	-4659.0
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6859	9.8	142519.5	-4641.3
6860	9.8	142520.5	-4632.9
6861	8.2	142537.0	-4612.3
6862	10.2	142611.5	-4615.8
6863	10.0	142620.5	-4652.9
6864	10.2	142637.0	-4600.2
6865	10.2	142641.5	-4631.2
6866	9.4	142650.5	-4651.9
6867	10.2	142710.5	-4622.1
6868	9.8	142728.5	-4621.7
6869	8.0	142733.0	-4608.1
6870	10.2	142735.5	-4625.6
6871	7.8	142738.5	-4615.9
6872	8.7	142739.5	-4631.4
6873	10.0	142740.2	-4657.1
6874	9.6	142742.0	-4643.4
6875	10.0	142803.0	-4656.9
6876	9.4	142815.5	-4639.5
6877	10.2	142817.0	-4647.9
6878	9.6	142830.5	-4635.0
6879	10.0	142840.0	-4637.5
6880	10.2	142845.5	-4608.5
6881	9.4	142847.0	-4631.1
6882	9.0	142849.5	-4633.9
6883	8.5	142854.0	-4628.0
6884	10.0	142901.0	-4614.7
6885	10.2	142911.0	-4638.3
6886	10.2	142922.0	-4643.3
6887	10.2	142942.5	-4638.1
6888	10.0	142943.0	-4644.6
6889	9.0	142951.5	-4620.0
6890	8.4	142957.0	-4650.2
6891	9.6	143010.5	-4605.1
6892	9.8	143014.0	-4611.3
6893	9.2	143014.0	-4616.8
6894	9.4	143016.0	-4631.0
6895	9.0	143034.0	-4607.3
6896	9.6	143041.0	-4609.7
6897	10.0	143041.0	-4646.7
6898	10.0	143050.0	-4602.8
6899	7.0	143100.0	-4602.1
6900	9.6	143100.5	-4633.4
6901	10.2	143112.0	-4604.7
6902	10.2	143130.0	-4652.8
6903	10.2	143150.3	-4612.8
6904	10.4	143200.0	-4636.5
6905	10.4	143200.5	-4605.3
6906	9.8	143205.2	-4603.1
6907	10.4	143216.5	-4637.3
6908	9.8	143220.0	-4636.5
6909	9.6	143224.0	-4630.3
6910	10.4	143228.0	-4611.1
6911	10.2	143229.0	-4604.3
6912	9.2	143230.0	-4655.8
6913	10.4	143239.5	-4624.8
6914	9.8	143240.0	-4659.0
6915	9.7	143244.0	-4631.1
6916	10.2	143302.0	-4649.1
6917	10.0	143304.4	-4600.2
6918	9.8	143304.7	-4615.7
6919	8.0	143310.0	-4654.4
6920	10.4	143314.5	-4637.3
6921	9.8	143319.0	-4628.0
6922	10.4	143322.0	-4617.0
6923	10.4	143324.5	-4635.6
6924	9.4	143330.0	-4614.5
6925	9.8	143330.0	-4609.5
6926	7.7	143332.0	-4644.1
6927	3.5	143338.7	-4651.0
6928	9.8	143342.5	-4644.5
6929	10.2	143347.0	-4654.0
6930	10.2	143349.5	-4637.4
6931	9.4	143350.0	-4644.5
6932	10.2	143350.0	-4617.0
6933	10.0	143356.5	-4658.3
6934	9.8	143400.0	-4644.3
6935	9.7	143400.0	-4659.5
6936	9.8	143403.0	-4654.7
6937	9.3	143407.0	-4647.1
6938	10.0	143407.5	-4643.0
6939	8.7	143417.0	-4612.8
6940	9.8	143426.5	-4641.0
6941	10.0	143433.9	-4652.1
6942	10.2	143438.4	-4630.9
6943	10.4	143440.1	-4659.0
6944	9.8	143450.4	-4614.9
6945	10.0	143450.4	-4632.6
6946	10.4	143451.4	-4620.6
6947	10.4	143455.4	-4640.3
6948	10.4	143506.9	-4607.6
6949	9.6	143510.4	-4634.3
6950	9.9	143510.4	-4630.5
6951	9.6	143510.9	-4617.7
6952	8.7	143511.4	-4605.3
6953	9.9	143515.4	-4632.1
6954	9.9	143525.9	-4622.5
6955	10.0	143530.4	-4628.6
6956	10.2	143530.4	-4651.5
6957	10.4	143540.4	-4641.9
6958	10.2	143546.4	-4635.3
6959	10.4	143546.4	-4655.1
6960	10.2	143550.4	-4648.1
6961	9.4	143551.4	-4643.3
6962	10.0	143551.4	-4607.8
6963	9.8	143559.9	-4614.2
6964	9.7	143600.4	-4626.9
6965	9.9	143600.4	-4650.5
6966	10.4	143605.5	-4634.9
6967	10.4	143608.4	-4639.9
6968	9.7	143630.4	-4647.1
6969	9.8	143632.4	-4635.0
6970	9.6	143634.9	-4631.9
6971	9.3	143644.9	-4626.5
6972	9.9	143646.4	-4652.0
6973	9.8	143646.4	-4648.1
6974	9.1	143649.4	-4645.2
6975	10.4	143659.9	-4612.8
6976	8.9	143704.4	-4634.2
6977	9.7	143705.1	-4658.3
6978	9.8	143710.4	-4612.4
6979	8.4	143729.4	-4616.3
6980	10.2	143730.9	-4630.0
6981	10.0	143736.4	-4630.1
6982	9.1	143744.9	-4615.3
6983	10.4	143755.8	-4659.0
6984	9.8	143758.9	-4627.3
6985	9.8	143806.9	-4629.0
6986	6.7	143809.4	-4654.8
6987	10.4	143819.4	-4639.8

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6988	9.7	143820.4	-4601.1
6989	10.4	143826.4	-4617.6
6990	9.8	143841.9	-4645.6
6991	9.2	143845.9	-4649.5
6992	9.7	143852.4	-4604.8
6993	9.2	143856.4	-4652.8
6994	9.6	143859.4	-4614.2
6995	9.6	143900.4	-4629.4
6996	9.2	143902.4	-4658.6
6997	9.3	143902.4	-4646.3
6998	9.4	143902.4	-4631.1
6999	10.2	143905.4	-4652.4
7000	10.0	143905.9	-4645.0
7001	9.8	143910.4	-4615.4
7002	9.8	143924.9	-4616.7
7003	9.6	143925.4	-4604.9
7004	9.6	143930.4	-4602.0
7005	10.0	143930.4	-4629.5
7006	10.0	143936.4	-4627.1
7007	8.4	143942.4	-4644.2
7008	9.7	143948.7	-4602.9
7009	9.4	143949.4	-4620.3
7010	9.9	143950.4	-4638.1
7011	9.8	143955.4	-4608.5
7012	10.2	143959.9	-4654.7
7013	10.0	144008.4	-4604.6
7014	10.2	144020.4	-4629.6
7015	9.4	144030.4	-4623.3
7016	10.4	144037.4	-4600.3
7017	9.8	144044.4	-4625.1
7018	10.0	144045.4	-4642.8
7019	10.2	144053.4	-4618.3
7020	9.9	144056.4	-4652.9
7021	9.8	144106.4	-4630.8
7022	9.8	144108.4	-4640.1
7023	8.4	144117.9	-4659.2
7024	9.6	144119.4	-4618.9
7025	9.3	144128.4	-4645.6
7026	9.8	144130.4	-4642.0
7027	9.2	144130.4	-4641.7
7028	9.7	144130.4	-4633.6
7029	9.3	144133.9	-4654.5
7030	10.4	144146.4	-4632.7
7031	10.4	144159.4	-4615.6
7032	9.8	144201.4	-4631.5
7033	10.2	144203.9	-4620.7
7034	10.4	144205.4	-4652.3
7035	10.4	144208.4	-4644.1
7036	10.2	144209.4	-4618.2
7037	8.7	144220.4	-4626.6
7038	10.4	144221.9	-4625.1
7039	9.8	144226.9	-4659.9
7040	9.8	144230.4	-4636.7
7041	10.4	144233.4	-4625.4
7042	10.2	144234.4	-4649.2
7043	10.4	144240.9	-4626.8
7044	9.2	144241.4	-4636.4
7045	10.0	144246.9	-4641.9
7046	8.2	144252.4	-4653.2
7047	9.9	144258.9	-4631.1
7048	10.0	144300.6	-4602.9
7049	8.2	144309.4	-4633.8
7050	9.8	144328.4	-4643.0
7051	9.4	144330.4	-4659.9
7052	9.8	144330.4	-4620.0
7053	10.0	144332.4	-4645.0
7054	10.0	144346.9	-4652.4
7055	9.9	144348.9	-4611.1
7056	9.8	144355.4	-4620.7
7057	8.2	144401.4	-4614.5
7058	8.9	144401.4	-4606.9
7059	9.8	144405.4	-4608.3
7060	8.2	144420.4	-4629.8
7061	9.2	144422.4	-4633.6
7062	10.4	144430.4	-4611.5
7063	9.8	144437.9	-4650.1
7064	9.9	144442.4	-4643.0
7065	8.5	144442.9	-4606.9
7066	9.8	144442.9	-4620.7
7067	9.9	144451.9	-4627.9
7068	9.0	144457.4	-4627.4
7069	10.0	144504.9	-4614.1
7070	9.6	144507.9	-4608.0
7071	10.4	144509.4	-4625.3
7072	10.4	144516.9	-4604.6
7073	10.2	144520.4	-4618.9
7074	10.2	144535.9	-4611.4
7075	10.4	144536.7	-4625.1
7076	9.9	144541.4	-4659.5
7077	10.4	144541.7	-4647.3

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7078	9.2	144543.4	-4618.6	7168	9.8	145530.4	-4651.1	7258	9.6	150342.6	-4654.4
7079	9.8	144600.4	-4642.0	7169	10.4	145543.5	-4603.8	7259	8.7	150405.1	-4617.3
7080	9.9	144600.4	-4657.0	7170	10.0	145554.4	-4629.8	7260	10.0	150405.2	-4659.5
7081	10.0	144601.9	-4647.3	7171	10.2	145558.4	-4602.8	7261	8.8	150411.1	-4625.2
7082	10.2	144602.7	-4600.1	7172	10.4	145558.4	-4616.6	7262	9.2	150420.1	-4621.2
7083	10.4	144608.9	-4621.9	7173	10.2	145604.9	-4641.9	7263	9.6	150424.9	-4602.8
7084	9.8	144635.9	-4640.1	7174	10.4	145606.4	-4615.9	7264	9.4	150429.1	-4610.1
7085	9.8	144636.9	-4630.9	7175	9.8	145624.9	-4658.8	7265	10.1	150432.1	-4625.1
7086	8.2	144655.4	-4607.2	7176	10.2	145630.4	-4622.0	7266	9.8	150433.1	-4636.9
7087	10.4	144655.7	-4602.9	7177	10.4	145631.9	-4623.5	7267	9.4	150438.6	-4643.0
7088	10.4	144702.9	-4618.6	7178	4.7	145637.9	-4633.6	7268	10.1	150443.7	-4659.9
7089	10.2	144705.9	-4628.2	7179	9.2	145639.1	-4656.2	7269	10.1	150453.6	-4633.5
7090	10.4	144711.9	-4650.1	7180	9.8	145646.4	-4641.3	7270	10.2	150516.1	-4657.5
7091	9.7	144723.9	-4631.6	7181	9.8	145647.4	-4655.6	7271	10.1	150518.1	-4647.9
7092	10.2	144727.9	-4604.5	7182	10.2	145654.6	-4659.7	7272	9.9	150520.1	-4614.5
7093	10.2	144730.4	-4604.8	7183	10.2	145655.9	-4618.9	7273	10.0	150521.6	-4635.4
7094	10.4	144731.9	-4638.7	7184	10.0	145659.9	-4607.9	7274	9.3	150531.6	-4631.1
7095	9.8	144733.9	-4647.0	7185	10.2	145711.4	-4632.6	7275	9.4	150532.6	-4628.9
7096	9.4	144739.4	-4617.0	7186	10.4	145716.4	-4629.5	7276	10.0	150541.6	-4641.4
7097	10.2	144753.9	-4640.7	7187	9.1	145722.4	-4637.7	7277	10.2	150546.1	-4642.7
7098	10.0	144759.4	-4611.0	7188	10.0	145728.9	-4657.0	7278	9.4	150549.4	-4605.7
7099	8.4	144800.9	-4650.5	7189	8.9	145732.9	-4626.7	7279	7.6	150552.6	-4633.9
7100	7.7	144810.4	-4626.4	7190	9.8	145736.7	-4602.3	7280	9.8	150607.6	-4632.4
7101	9.8	144810.4	-4651.1	7191	10.0	145752.4	-4612.0	7281	8.9	150639.1	-4606.1
7102	9.6	144810.9	-4607.4	7192	9.9	145754.4	-4647.0	7282	9.7	150646.6	-4636.1
7103	10.2	144810.9	-4610.0	7193	10.2	145754.4	-4650.0	7283	9.8	150654.1	-4642.5
7104	10.4	144814.9	-4654.6	7194	9.2	145754.9	-4631.0	7284	10.2	150659.1	-4638.0
7105	10.0	144819.4	-4616.0	7195	9.8	145756.4	-4626.0	7285	9.0	150703.1	-4621.7
7106	10.2	144821.4	-4647.9	7196	9.8	145800.4	-4619.8	7286	9.7	150708.1	-4652.4
7107	10.4	144832.4	-4621.9	7197	9.7	145800.9	-4655.1	7287	9.2	150714.1	-4646.0
7108	10.0	144908.4	-4611.9	7198	9.9	145807.4	-4615.5	7288	7.8	150719.6	-4641.3
7109	10.4	144918.3	-4635.8	7199	9.8	145810.4	-4600.3	7289	9.9	150722.1	-4632.9
7110	8.9	144925.4	-4634.4	7200	10.0	145810.4	-4654.7	7290	9.8	150726.1	-4649.6
7111	10.4	144927.9	-4606.3	7201	9.1	145810.9	-4607.4	7291	10.2	150729.1	-4612.5
7112	10.4	144928.4	-4606.9	7202	10.2	145811.0	-4602.1	7292	9.0	150729.6	-4609.5
7113	10.4	144932.4	-4620.1	7203	10.2	145821.4	-4624.9	7293	9.8	150739.1	-4610.3
7114	10.2	144932.9	-4652.0	7204	10.4	145821.9	-4613.8	7294	10.2	150745.6	-4630.8
7115	8.8	144946.4	-4646.1	7205	10.0	145830.4	-4610.8	7295	9.2	150749.6	-4607.0
7116	8.2	145002.4	-4655.9	7206	9.6	145831.4	-4635.6	7296	10.2	150756.6	-4630.4
7117	8.5	145003.4	-4656.3	7207	10.4	145840.9	-4654.7	7297	10.0	150757.6	-4610.6
7118	9.9	145012.4	-4655.1	7208	9.8	145841.4	-4626.3	7298	10.2	150758.6	-4613.1
7119	9.8	145019.4	-4609.0	7209	10.0	145849.9	-4659.0	7299	10.0	150808.1	-4615.4
7120	10.2	145020.4	-4649.9	7210	10.0	145855.9	-4618.6	7300	10.0	150814.1	-4643.9
7121	9.2	145020.4	-4631.1	7211	10.4	145858.8	-4631.1	7301	10.1	150817.1	-4621.8
7122	9.6	145039.4	-4606.6	7212	9.6	145902.4	-4636.9	7302	9.7	150829.6	-4622.8
7123	10.4	145053.4	-4613.4	7213	9.3	145909.9	-4608.2	7303	10.2	150832.6	-4654.9
7124	9.6	145059.2	-4601.7	7214	10.4	145915.4	-4651.5	7304	9.4	150838.6	-4627.4
7125	10.4	145100.4	-4637.9	7215	10.4	145930.0	-4602.9	7305	10.0	150839.6	-4653.6
7126	9.8	145110.4	-4654.1	7216	10.2	145930.1	-4608.9	7306	9.9	150842.6	-4644.9
7127	9.4	145119.4	-4640.1	7217	10.1	145930.1	-4646.5	7307	9.8	150844.1	-4655.1
7128	9.8	145121.9	-4601.9	7218	9.7	145938.6	-4642.4	7308	9.7	150845.1	-4637.1
7129	9.2	145135.9	-4610.8	7219	10.1	145940.1	-4643.8	7309	9.9	150849.6	-4645.2
7130	9.3	145139.9	-4627.0	7220	9.9	145950.1	-4642.9	7310	10.1	150849.6	-4648.0
7131	9.9	145149.9	-4655.5	7221	9.8	150012.3	-4649.4	7311	9.6	150849.6	-4638.9
7132	10.0	145153.4	-4635.7	7222	9.0	150012.8	-4650.2	7312	9.6	150857.6	-4637.2
7133	9.7	145222.4	-4601.1	7223	9.4	150026.3	-4651.3	7313	9.8	150902.6	-4655.7
7134	9.3	145230.4	-4614.7	7224	9.4	150041.3	-4602.2	7314	9.4	150908.1	-4615.1
7135	9.3	145237.9	-4641.7	7225	9.7	150045.1	-4626.0	7315	9.2	150909.1	-4621.9
7136	10.2	145242.4	-4603.9	7226	9.8	150050.6	-4638.5	7316	9.2	150911.4	-4659.7
7137	10.2	145244.4	-4633.1	7227	9.8	150056.6	-4622.0	7317	9.7	150915.1	-4629.5
7138	9.2	145302.4	-4632.4	7228	10.1	150059.6	-4627.6	7318	10.2	150918.7	-4639.8
7139	10.4	145312.3	-4620.0	7229	10.2	150107.6	-4613.2	7319	10.2	150937.1	-4624.4
7140	10.2	145321.4	-4657.2	7230	10.2	150117.1	-4621.9	7320	10.2	150937.1	-4624.9
7141	9.4	145324.4	-4644.9	7231	9.7	150117.6	-4640.9	7321	9.7	150948.6	-4634.2
7142	8.3	145324.9	-4630.5	7232	9.7	150125.1	-4646.6	7322	9.8	150954.3	-4659.6
7143	9.4	145326.6	-4657.7	7233	10.2	150129.6	-4640.9	7323	9.7	151008.1	-4631.2
7144	9.9	145328.4	-4634.3	7234	9.6	150133.1	-4653.9	7324	10.2	151011.1	-4659.6
7145	10.0	145328.4	-4607.7	7235	10.1	150138.1	-4634.1	7325	10.2	151018.1	-4630.8
7146	8.2	145328.4	-4639.3	7236	10.1	150159.6	-4632.5	7326	9.8	151025.6	-4640.8
7147	10.4	145330.4	-4609.9	7237	9.8	150205.6	-4634.7	7327	9.7	151043.6	-4636.8
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7149	9.3	145337.4	-4616.1	7239	10.0	150218.1	-4613.6	7329	9.6	151048.1	-4606.0
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7153	10.4	145358.4	-4652.9	7243	9.4	150259.6	-4649.8	7333	9.9	151106.6	-4645.1
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7159	10.4	145420.4	-4620.9	7249	10.1	150311.1	-4654.0	7339	9.6	151135.1	-4655.1
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7163	10.2	145450.4	-4623.4	7253	10.0	150322.6	-4644.6	7343	10.2	151152.6	-4622.1
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7513 9.4 152511.4 -4615.9	7603 9.0 153236.2 -4606.8	7693 9.0 153828.7 -4648.5	7783 10.2 154629.3 -4642.7
7514 9.6 152519.9 -4622.7	7604 8.8 153238.7 -4638.8	7694 8.8 153832.2 -4634.7	7784 9.8 154659.3 -4648.9
7515 9.6 152524.9 -4635.2	7605 10.1 153240.2 -4618.5	7695 9.3 153836.2 -4644.2	7785 8.8 154701.3 -4614.4
7516 9.7 152527.6 -4657.9	7606 9.4 153251.7 -4623.8	7696 9.3 153841.7 -4632.4	7786 9.6 154704.8 -4613.3
7517 8.8 152529.9 -4631.7	7607 8.6 153252.2 -4628.3	7697 9.4 153847.7 -4623.4	7787 10.2 154731.3 -4618.8
7518 9.2 152532.4 -4620.8	7608 10.2 153300.0 -4601.3	7698 9.4 153850.2 -4629.1	7788 8.2 154739.3 -4625.2
7519 10.2 152541.4 -4621.5	7609 10.0 153304.5 -4600.8	7699 9.2 153852.3 -4602.4	7789 9.6 154815.3 -4608.3
7520 8.0 152544.4 -4648.4	7610 10.2 153305.2 -4642.3	7700 10.1 153857.7 -4654.4	7790 9.3 154819.3 -4600.8
7521 10.2 152548.4 -4643.4	7611 9.8 153308.7 -4607.1	7701 9.6 153904.2 -4603.2	7791 9.6 154844.3 -4627.6
7522 9.4 152600.4 -4616.9	7612 10.1 153310.2 -4647.8	7702 10.1 153904.7 -4626.6	7792 9.5 154907.3 -4641.2
7523 9.6 152604.4 -4640.0	7613 8.5 153310.7 -4618.7	7703 9.9 153910.7 -4625.9	7793 9.5 154922.3 -4629.5
7524 8.3 152610.4 -4649.1	7614 10.2 153312.7 -4609.0	7704 9.6 153914.7 -4656.3	7794 9.8 154933.3 -4636.9
7525 8.4 152612.9 -4622.6	7615 10.2 153316.7 -4608.9	7705 10.2 153927.7 -4625.3	7795 10.0 154939.3 -4659.6
7526 10.0 152620.4 -4631.8	7616 10.0 153317.2 -4627.2	7706 10.2 153929.6 -4602.7	7796 10.1 154946.3 -4618.1
7527 9.9 152630.4 -4619.5	7617 9.8 153319.7 -4642.9	7707 9.9 153930.2 -4631.8	7797 10.1 154959.0 -4644.9

-46 7798 15h50m

-46 8157 16h34m

7798	10.2	155013.0	-4659.0	7888	10.0	161024.5	-4627.3	7978	10.0	161640.2	-4646.1
7799	10.2	155031.0	-4638.0	7889	9.0	161038.0	-4624.1	7979	8.2	161648.2	-4639.5
7800	9.2	155044.5	-4651.0	7890	9.2	161043.5	-4655.0	7980	9.5	161649.2	-4641.6
7801	9.6	155049.0	-4639.3	7891	7.9	161044.0	-4654.8	7981	9.8	161700.1	-4600.2
7802	9.4	155129.0	-4629.6	7892	9.8	161044.1	-4635.5	7982	9.4	161700.2	-4605.2
7803	10.2	155130.0	-4640.8	7893	9.6	161049.5	-4613.2	7983	10.0	161700.2	-4657.1
7804	9.8	155145.0	-4639.3	7894	9.6	161100.0	-4628.1	7984	9.7	161701.7	-4639.8
7805	9.6	155157.0	-4620.2	7895	10.0	161103.5	-4616.2	7985	9.6	161709.2	-4640.2
7806	9.2	155158.0	-4649.1	7896	9.6	161104.0	-4640.4	7986	10.0	161715.7	-4658.9
7807	9.5	155200.0	-4615.9	7897	8.8	161107.2	-4656.6	7987	10.0	161719.7	-4642.1
7808	7.9	155216.0	-4610.8	7898	10.0	161111.2	-4635.1	7988	9.4	161729.2	-4604.8
7809	8.8	155231.0	-4627.9	7899	7.8	161113.1	-4602.6	7989	9.8	161732.2	-4627.4
7810	9.4	155236.0	-4649.0	7900	10.0	161124.2	-4656.4	7990	9.4	161736.2	-4653.1
7811	9.8	155241.0	-4638.5	7901	9.4	161126.2	-4647.1	7991	9.4	161737.2	-4642.9
7812	8.4	155301.0	-4632.9	7902	9.3	161129.2	-4622.0	7992	9.7	161740.7	-4651.8
7813	10.2	155317.0	-4628.3	7903	10.0	161139.7	-4641.1	7993	10.0	161744.2	-4651.7
7814	9.5	155319.0	-4613.8	7904	9.6	161141.2	-4658.6	7994	9.8	161750.7	-4635.0
7815	10.2	155349.0	-4606.4	7905	9.3	161151.7	-4642.1	7995	9.5	161751.2	-4609.4
7816	9.8	155417.0	-4657.1	7906	9.8	161153.7	-4616.7	7996	10.0	161754.2	-4640.8
7817	10.2	155424.0	-4618.4	7907	9.8	161154.7	-4606.9	7997	9.4	161755.7	-4600.4
7818	9.6	155447.9	-4610.2	7908	9.6	161211.7	-4656.0	7998	9.7	161755.7	-4656.8
7819	9.9	155448.5	-4610.4	7909	10.0	161212.2	-4640.1	7999	10.0	161758.2	-4641.4
7820	9.9	155449.0	-4609.6	7910	8.3	161212.2	-4650.2	8000	9.5	161759.2	-4608.0
7821	9.8	155506.5	-4616.9	7911	9.6	161218.2	-4626.1	8001	9.4	161807.2	-4637.4
7822	9.6	155523.3	-4630.7	7912	9.6	161222.2	-4643.6	8002	10.0	161840.7	-4642.6
7823	9.5	155537.6	-4628.6	7913	10.0	161228.2	-4606.9	8003	10.0	161853.6	-4603.0
7824	9.8	155537.8	-4641.9	7914	8.2	161240.2	-4648.2	8004	9.4	161901.2	-4637.0
7825	9.4	155547.3	-4605.4	7915	9.6	161257.2	-4626.6	8005	10.0	161906.2	-4626.0
7826	9.0	155552.8	-4604.2	7916	9.8	161300.2	-4625.1	8006	10.0	161907.7	-4620.1
7827	10.0	155552.8	-4606.0	7917	9.4	161306.7	-4621.0	8007	10.0	161908.2	-4606.9
7828	8.6	155556.3	-4610.9	7918	9.8	161307.2	-4642.2	8008	10.0	161909.2	-4649.0
7829	10.0	155558.8	-4620.1	7919	10.0	161327.7	-4629.9	8009	9.8	161911.2	-4625.0
7830	9.2	155558.8	-4642.2	7920	10.0	161333.2	-4637.5	8010	9.2	161911.2	-4631.8
7831	9.8	155608.8	-4617.4	7921	9.6	161333.7	-4643.1	8011	9.5	161911.7	-4632.5
7832	9.6	155614.8	-4636.1	7922	9.8	161334.2	-4612.9	8012	9.2	161913.2	-4641.0
7833	9.8	155647.3	-4648.8	7923	9.8	161341.2	-4641.9	8013	8.0	161913.6	-4602.2
7834	9.7	155657.3	-4619.5	7924	9.3	161344.2	-4625.0	8014	9.8	161921.7	-4654.0
7835	9.4	155658.8	-4623.0	7925	9.4	161347.2	-4639.1	8015	10.0	161928.2	-4641.8
7836	10.0	155738.3	-4617.4	7926	10.0	161348.2	-4609.2	8016	9.4	161929.2	-4636.0
7837	7.9	155740.0	-4602.3	7927	8.6	161348.7	-4651.5	8017	9.5	161933.2	-4657.7
7838	8.8	155758.8	-4643.9	7928	9.0	161355.9	-4602.8	8018	7.9	161934.2	-4643.8
7839	10.0	155757.9	-4654.5	7929	10.0	161356.7	-4636.3	8019	9.4	161941.2	-4630.6
7840	10.0	155758.8	-4653.7	7930	10.0	161358.7	-4632.7	8020	9.2	161945.2	-4653.1
7841	9.7	155803.3	-4653.9	7931	10.0	161403.7	-4603.8	8021	9.0	162006.2	-4650.4
7842	10.0	155804.9	-4616.9	7932	10.0	161404.7	-4632.2	8022	10.0	162011.7	-4609.2
7843	10.0	155821.8	-4615.3	7933	9.8	161405.2	-4652.8	8023	9.3	162023.7	-4635.2
7844	7.2	155847.8	-4611.1	7934	9.5	161408.7	-4607.9	8024	9.7	162027.2	-4608.8
7845	10.0	155913.8	-4627.7	7935	9.0	161419.2	-4606.5	8025	9.8	162034.2	-4632.0
7846	10.0	155920.8	-4618.5	7936	9.8	161421.2	-4614.2	8026	10.0	162039.2	-4621.3
7847	10.0	155922.3	-4619.8	7937	8.6	161429.2	-4625.9	8027	9.2	162049.2	-4627.0
7848	10.0	155927.8	-4635.5	7938	10.0	161430.2	-4659.5	8028	9.5	162050.2	-4635.4
7849	9.6	155934.8	-4627.1	7939	10.0	161431.7	-4620.2	8029	10.0	162053.7	-4605.6
7850	9.8	155945.8	-4652.7	7940	9.2	161432.2	-4636.1	8030	9.0	162058.7	-4653.1
7851	9.4	160017.8	-4620.3	7941	9.5	161432.7	-4616.0	8031	10.0	162117.2	-4600.2
7852	9.0	160054.8	-4635.3	7942	9.8	161432.7	-4614.0	8032	9.8	162121.2	-4606.8
7853	10.0	160107.8	-4614.6	7943	9.8	161435.2	-4639.0	8033	8.8	162121.7	-4653.8
7854	10.0	160114.0	-4601.9	7944	10.0	161437.2	-4612.0	8034	10.0	162133.4	-4659.0
7855	8.5	160115.3	-4611.3	7945	10.0	161438.7	-4638.9	8035	9.6	162139.2	-4619.1
7856	9.2	160137.5	-4649.8	7946	9.8	161445.7	-4618.9	8036	10.0	162142.7	-4650.2
7857	9.4	160139.0	-4639.0	7947	9.8	161450.2	-4637.3	8037	10.0	162147.7	-4637.1
7858	10.0	160140.0	-4656.2	7948	9.3	161452.2	-4648.3	8038	7.9	162158.2	-4612.2
7859	9.0	160217.5	-4649.7	7949	10.0	161459.2	-4609.0	8039	10.0	162159.2	-4616.2
7860	9.4	160221.0	-4632.5	7950	9.8	161500.7	-4613.4	8040	9.4	162200.2	-4634.8
7861	9.0	160245.0	-4646.0	7951	10.0	161501.2	-4639.6	8041	10.0	162211.2	-4645.0
7862	9.8	160247.5	-4638.7	7952	10.0	161503.7	-4615.1	8042	9.8	162219.2	-4645.8
7863	10.0	160250.0	-4628.0	7953	10.0	161504.2	-4602.8	8043	9.4	162221.2	-4601.6
7864	9.7	160253.0	-4625.1	7954	9.8	161510.7	-4653.1	8044	9.6	162224.7	-4647.1
7865	10.0	160308.5	-4650.8	7955	9.7	161514.2	-4654.5	8045	10.0	162248.4	-4608.3
7866	9.8	160330.5	-4635.7	7956	9.5	161517.2	-4631.0	8046	9.7	162255.9	-4619.0
7867	9.8	160359.0	-4629.0	7957	10.0	161518.7	-4649.2	8047	8.6	162258.9	-4624.1
7868	9.7	160413.0	-4634.4	7958	9.5	161521.2	-4636.0	8048	9.5	162304.3	-4650.8
7869	9.4	160414.5	-4628.0	7959	10.0	161522.2	-4629.7	8049	8.6	162306.6	-4612.2
7870	9.5	160439.5	-4638.2	7960	9.8	161527.7	-4640.1	8050	10.0	162309.4	-4656.7
7871	10.0	160529.5	-4658.6	7961	10.0	161528.2	-4623.5	8051	9.8	162320.9	-4623.7
7872	9.5	160728.0	-4639.3	7962	9.8	161540.2	-4640.3	8052	10.0	162330.9	-4647.5
7873	7.9	160759.0	-4656.2	7963	9.8	161541.2	-4621.3	8053	9.7	162336.9	-4642.7
7874	9.0	160833.5	-4628.0	7964	10.0	161543.2	-4654.0	8054	9.8	162343.9	-4606.4
7875	9.8	160858.0	-4619.3	7965	9.8	161546.2	-4644.3	8055	8.6	162347.7	-4600.5
7876	10.0	160905.5	-4655.1	7966	10.0	161547.2	-4618.7	8056	9.3	162349.2	-4640.0
7877	10.0	160910.5	-4616.5	7967	10.0	161549.2	-4619.8	8057	8.9	162402.2	-4603.3
7878	8.6	160917.0	-4608.3	7968	10.0	161550.2	-4620.4	8058	9.3	162410.2	-4615.8
7879	9.4	160926.5	-4628.0	7969	9.0	161554.2	-4653.2	8059	7.9	162427.2	-4624.4
7880	10.0	160929.5	-4635.5	7970	9.0	161601.2	-4641.0	8060	9.2	162441.7	-4650.3
7881	9.4	160943.0	-4643.4	7971	9.4	161605.2	-4604.3	8061	9.6	162442.8	-4655.2
7882	9.4	160948.0	-4605.6	7972	9.4	161609.2	-4654.9	8062	8.6	162445.8	-4617.4
7883	10.0	160954.0	-4645.9	7973	8.8	161613.2	-4606.3	8063	9.2	162449.8	-4607.8
7884	10.0	161004.0	-4646.0	7974	10.0	161618.2	-4625.6	8064	9.0	162513.8	-4640.8
7885	8.8	161011.0	-4620.2	7975	10.0	161618.2	-4653.7	8065	8.6	162520.8	-4605.0
7886	10.0	161020.0	-4618.8	7976	8.8	161628.2	-4617.3	8066	9.4	162529.3	-4636.8
7887	9.7	161024.0	-4646.6	7977	10.0	161639.2	-4623.6	8067	7.4	162529.8	-4644.3
8068	9.0	162531.8	-4615.7								
8069	8.6	162535.3	-4625.1								
8070	9.0	162535.3	-4611.1								
8071	9.3	162537.8	-4644.3								
8072	9.3	162538.3	-4621.2								
8073	9.5	162541.3	-4624.7								
8074	9.0	162541.8	-4636.6								
8075	8.9	162542.8	-4656.8								
8076	9.4	162544.8	-4645.5								
8077	9.6	162546.3	-4604.3								
8078	9.4	162551.8	-4649.3								
8079	9.6	162551.8	-4642.0								
8080	9.2	162617.3	-4658.6								
8081	9.6	162637.3	-4648.9								
8082	8.6	162649.8	-4613.1								
8083	9.6	162652.3	-4628.0								
8084	9.2	162652.8	-4608.8								
8085	9.3	162659.8	-4603.5								
8086	9.0	162709.8	-4659.0								
8087	9.6	162709.8	-4648.6								
8088	8.8	162709.8	-4634.4								
8089	9.6	162710.8	-4648.0								
8090	9.6	162714.3	-4605.4								
8091	9.6	162730.3	-4621.1								
8092	9.4	162730.8	-4649.0								
8093	9.5	162743.3	-4612.3								
8094	9.5	162756.3	-4652.3								
8095	9.5	162758.3	-4615.6								
8096	8.9	162759.8	-4652.3								
8097	9.5	162807.3	-4637.5								
8098	9.0	162809.8	-4638.1								
8099	8.9	162817.3	-4621.1								
8100	9.6	162835.8	-4634.0								
8101	9.3	162837.3	-4638.7								
8102	9.2	162839.8	-4647.0								
8103	9.2	162847.8	-4613.1								
8104	9.5	162850.3	-4624.6								
8105	7.7	162905.3	-4640.5								
8106	9.4	162941.3	-4637.9								
8107	9.5	162949.8	-4658.8								
8108	8.9	162959.8	-4646.9								
8109	9.6	163000.8	-4609.4								
8110	8.8	163016.8	-4639.4								
8111	9.6	163019.8	-4629.0								
8112	8.4	163026.3	-4623.9								
8113	8.6	163036.8	-4636.7								
8114	9.4	163039.8	-4619.7								
8115	9.0	163039.8	-4651.2								
8116	8.8	163050.3	-4627.4								
8117	9.5	163053.8	-4624.5								
8118	9.6	163100.3	-4642.1								
8119	9.0	163102.3	-4620.1								
8120	9.4	163109.8	-4651.0								
8121	8.9	163121.3	-4626.1								
8122	9.6	163143.8	-4624.1								
8123	9.6	163143.8	-4659.7								
8124	9.6	163144.3	-4613.2								
8125	9.6	163150.3	-4656.8								
8126	9.0	163202.8	-4607.7								
8127	9.0	163209.3	-4639.9								
8128	8.9	163210.3	-4636.6								
8129	8.0	163217.3	-4608.2								
8130	9.6	163217.8	-4639.9								
8131	9.6	163238.3	-4631.0								
8132	9.5	163241.8	-4650.2								
8133	9.6	163244.8	-4645.7								
8134	9.5	163255.8	-4634.7								
8135	9.6	163300.6	-4600.9								
8136	9.6	163300.8	-4640.6								
8137	9.5	163305.3	-4659.3								
8138	8.4	163305.3	-4646.2								
8139	8.9	163310.8	-4624.0								
8140	9.6	163323.8	-4657.9								
8141	9.6	163324.2	-4602.0								
8142	9.6	163332.8	-4636.3								
8143	9.2	163337.3	-4620.0								
8144	9.0	163339.3	-4658.0								
8145	9.3	163342.8	-4635.4								
8146	9.0	163345.5	-4658.7								
8147	9.3	163347.8	-4639.5								
8148	9.6	163351.8	-4645.9								
8149	9.5	163352.3	-4627.3								
8150	8.8	163357.3	-4607.4								
8151	8.4	163359.8	-4615.8								
8152	9.3	163402.3	-4632.2								
8153	9.6	163409.8	-4655.0								
8154	9.6	163415.8	-4614.1								
8155	9.6	163415.8	-4648.8								
8156	8.4	163422.3	-4635.9								
8157	9.6	163428.3	-4621.9								

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8158	7.3	163431.8	-4651.9
8159	9.0	163435.3	-4644.6
8160	9.6	163436.3	-4655.1
8161	9.6	163439.8	-4611.0
8162	8.8	163439.8	-4628.2
8163	9.3	163442.3	-4657.1
8164	9.0	163449.8	-4634.4
8165	9.6	163449.8	-4642.3
8166	9.5	163449.8	-4635.0
8167	9.6	163450.3	-4643.7
8168	9.6	163459.3	-4636.9
8169	9.4	163501.3	-4659.4
8170	9.6	163505.3	-4621.1
8171	8.2	163505.8	-4649.5
8172	9.4	163519.8	-4638.5
8173	9.4	163522.3	-4621.9
8174	8.4	163522.8	-4632.8
8175	9.4	163524.3	-4642.2
8176	9.4	163525.8	-4619.5
8177	8.4	163529.3	-4648.0
8178	9.6	163531.8	-4603.8
8179	9.6	163535.8	-4603.1
8180	9.5	163538.3	-4611.9
8181	9.6	163539.3	-4652.1
8182	9.6	163544.8	-4634.1
8183	9.6	163545.8	-4635.4
8184	9.6	163551.3	-4620.9
8185	9.6	163551.7	-4647.6
8186	9.2	163559.8	-4617.6
8187	9.2	163604.3	-4650.1
8188	9.2	163605.3	-4649.0
8189	9.6	163609.8	-4626.2
8190	9.3	163618.3	-4646.0
8191	9.6	163620.3	-4631.2
8192	9.6	163623.8	-4631.2
8193	9.5	163626.8	-4608.9
8194	9.5	163633.3	-4630.3
8195	9.4	163638.8	-4634.1
8196	8.2	163639.8	-4609.7
8197	9.5	163641.8	-4628.9
8198	9.6	163643.8	-4659.5
8199	9.0	163649.3	-4647.2
8200	9.3	163651.8	-4646.0
8201	9.4	163653.3	-4644.4
8202	7.7	163654.8	-4615.1
8203	9.6	163655.3	-4647.9
8204	9.5	163655.8	-4647.6
8205	7.0	163657.3	-4617.8
8206	9.0	163659.8	-4646.1
8207	9.4	163659.8	-4647.1
8208	9.5	163700.8	-4641.1
8209	9.6	163708.8	-4638.3
8210	9.6	163709.3	-4657.5
8211	9.6	163715.3	-4656.7
8212	9.6	163715.8	-4648.1
8213	9.6	163717.8	-4647.1
8214	8.7	163718.3	-4620.9
8215	9.5	163718.8	-4650.0
8216	9.6	163719.8	-4645.7
8217	9.6	163719.8	-4645.0
8218	8.4	163719.8	-4650.9
8219	9.5	163722.3	-4607.1
8220	9.6	163722.8	-4651.4
8221	9.0	163722.8	-4651.2
8222	9.5	163725.8	-4627.3
8223	7.7	163726.3	-4651.5
8224	9.6	163730.3	-4612.2
8225	9.6	163754.3	-4645.8
8226	9.6	163801.3	-4605.2
8227	9.2	163819.3	-4637.0
8228	9.3	163823.3	-4653.9
8229	8.8	163828.3	-4622.6
8230	9.0	163830.3	-4647.6
8231	8.9	163839.8	-4601.3
8232	9.2	163846.6	-4659.6
8233	9.2	163850.8	-4646.1
8234	9.6	163854.8	-4634.0
8235	9.6	163858.8	-4633.2
8236	9.4	163904.8	-4642.7
8237	9.6	163909.3	-4649.5
8238	9.0	163913.8	-4606.7
8239	9.0	163919.8	-4641.2
8240	8.2	163927.3	-4606.6
8241	9.5	163933.3	-4638.7
8242	8.6	163937.8	-4656.6
8243	9.3	163938.8	-4613.4
8244	8.0	163939.8	-4610.3
8245	9.6	163945.2	-4658.2
8246	9.5	164001.8	-4620.2
8247	9.6	164006.3	-4638.2
8248	9.6	164019.3	-4612.6
8249	9.0	164019.8	-4658.5
8250	9.5	164021.3	-4648.0
8251	9.3	164026.3	-4606.0
8252	7.6	164034.8	-4654.4
8253	9.0	164037.3	-4608.0
8254	9.6	164047.8	-4642.0
8255	9.5	164052.3	-4622.1
8256	9.6	164054.8	-4648.9
8257	9.6	164057.3	-4623.3
8258	9.2	164059.8	-4644.6
8259	9.5	164100.8	-4653.8
8260	9.5	164111.8	-4656.1
8261	9.0	164127.8	-4625.0
8262	9.6	164141.8	-4645.0
8263	9.6	164142.3	-4654.0
8264	9.6	164149.8	-4637.1
8265	8.4	164154.3	-4643.2
8266	8.8	164154.3	-4635.1
8267	8.9	164159.8	-4642.0
8268	9.2	164205.3	-4637.1
8269	9.0	164205.3	-4648.1
8270	9.5	164313.8	-4614.1
8271	9.3	164318.3	-4644.0
8272	9.5	164318.3	-4619.4
8273	9.4	164318.8	-4642.9
8274	9.6	164328.3	-4602.1
8275	9.5	164348.8	-4607.6
8276	8.9	164349.8	-4620.9
8277	9.0	164420.3	-4607.1
8278	9.0	164424.3	-4639.5
8279	9.6	164431.3	-4631.0
8280	8.0	164441.3	-4641.9
8281	7.8	164443.8	-4642.4
8282	9.6	164449.6	-4601.8
8283	9.6	164455.3	-4633.0
8284	9.0	164455.8	-4616.6
8285	9.6	164458.8	-4622.8
8286	9.6	164518.3	-4606.8
8287	8.9	164528.3	-4619.9
8288	9.0	164539.8	-4657.4
8289	9.0	164549.8	-4632.5
8290	8.9	164553.8	-4634.4
8291	8.2	164605.3	-4631.4
8292	9.6	164610.3	-4637.9
8293	9.6	164619.8	-4625.2
8294	9.6	164622.3	-4646.9
8295	9.6	164625.3	-4647.9
8296	9.2	164629.3	-4610.7
8297	9.6	164634.3	-4611.5
8298	9.2	164659.8	-4659.5
8299	7.4	164659.8	-4638.7
8300	9.5	164704.8	-4622.2
8301	9.2	164715.3	-4628.3
8302	8.0	164728.3	-4604.7
8303	8.4	164729.3	-4648.9
8304	9.6	164741.8	-4622.2
8305	9.6	164754.8	-4635.6
8306	9.0	164759.8	-4640.9
8307	9.6	164800.3	-4614.5
8308	9.0	164802.3	-4625.3
8309	9.6	164810.3	-4654.0
8310	9.6	164819.8	-4657.0
8311	9.5	164824.8	-4629.8
8312	8.0	164840.8	-4653.5
8313	9.6	164846.8	-4648.6
8314	9.4	164848.3	-4630.4
8315	9.5	164859.8	-4612.0
8316	9.6	164938.8	-4637.9
8317	9.0	164940.8	-4650.6
8318	9.6	164940.8	-4629.1
8319	8.7	164956.8	-4645.2
8320	10.0	165004.3	-4629.2
8321	9.8	165019.1	-4655.6
8322	10.0	165020.1	-4642.9
8323	9.6	165028.0	-4625.4
8324	7.4	165028.5	-4617.3
8325	10.0	165032.8	-4631.9
8326	9.5	165039.8	-4630.0
8327	7.6	165042.8	-4607.5
8328	10.0	165043.8	-4637.2
8329	9.4	165046.8	-4652.5
8330	10.0	165047.3	-4615.4
8331	9.6	165047.5	-4629.9
8332	9.9	165103.3	-4609.7
8333	10.0	165104.8	-4612.9
8334	9.6	165106.8	-4609.5
8335	9.9	165110.1	-4634.0
8336	10.0	165120.5	-4648.5
8337	9.3	165122.1	-4632.0
8338	9.9	165127.3	-4618.0
8339	9.8	165134.8	-4645.0
8340	10.0	165141.3	-4616.7
8341	10.0	165145.6	-4601.7
8342	10.0	165150.3	-4634.8
8343	9.1	165159.3	-4626.4
8344	9.3	165203.3	-4629.7
8345	9.6	165205.3	-4647.9
8346	10.0	165210.4	-4620.4
8347	10.0	165212.3	-4655.3
8348	10.0	165222.3	-4604.8
8349	10.0	165226.8	-4649.2
8350	10.0	165229.3	-4629.3
8351	9.0	165234.3	-4659.9
8352	9.9	165258.3	-4623.1
8353	10.0	165258.8	-4639.0
8354	8.5	165310.8	-4635.4
8355	8.8	165316.3	-4623.9
8356	8.2	165319.3	-4618.1
8357	10.0	165329.3	-4634.7
8358	9.9	165337.8	-4624.8
8359	9.6	165341.3	-4619.6
8360	8.3	165342.3	-4633.9
8361	10.0	165347.3	-4639.2
8362	8.4	165348.3	-4600.3
8363	10.0	165355.8	-4632.6
8364	9.8	165405.3	-4618.4
8365	9.8	165406.3	-4644.0
8366	10.0	165411.8	-4613.3
8367	8.8	165415.8	-4616.1
8368	9.0	165421.3	-4624.8
8369	7.2	165424.3	-4658.7
8370	10.0	165447.3	-4617.8
8371	9.3	165515.3	-4637.9
8372	10.0	165520.3	-4622.0
8373	10.0	165524.3	-4654.6
8374	10.0	165526.3	-4611.3
8375	7.4	165545.3	-4647.5
8376	7.6	165601.3	-4653.5
8377	9.9	165620.3	-4636.1
8378	10.0	165624.3	-4658.6
8379	10.0	165629.3	-4610.7
8380	9.9	165635.3	-4657.8
8381	9.9	165641.3	-4616.6
8382	9.6	165648.3	-4611.0
8383	10.0	165650.3	-4613.7
8384	9.5	165650.3	-4652.7
8385	10.0	165702.8	-4657.0
8386	10.0	165705.3	-4657.2
8387	9.6	165713.4	-4657.5
8388	9.5	165724.3	-4644.6
8389	9.0	165733.8	-4630.8
8390	9.9	165741.3	-4619.6
8391	8.2	165744.8	-4649.7
8392	9.9	165745.3	-4618.8
8393	8.2	165802.3	-4643.0
8394	10.0	165814.3	-4658.5
8395	7.2	165820.3	-4630.5
8396	9.8	165829.3	-4603.9
8397	9.0	165836.3	-4613.7
8398	9.8	165848.3	-4630.6
8399	9.6	165851.3	-4650.0
8400	9.4	165851.8	-4633.9
8401	9.9	165857.8	-4613.1
8402	10.0	165905.5	-4658.6
8403	8.9	165909.3	-4654.6
8404	9.3	165919.3	-4643.5
8405	9.0	165925.3	-4622.7
8406	10.0	165928.3	-4645.5
8407	9.8	165930.3	-4615.1
8408	10.0	165931.3	-4645.2
8409	10.0	165939.3	-4650.5
8410	9.3	165948.3	-4606.6
8411	9.8	165950.3	-4610.9
8412	9.3	165951.3	-4639.9
8413	8.6	170014.8	-4622.3
8414	8.5	170018.8	-4619.0
8415	10.0	170028.8	-4608.3
8416	7.5	170035.3	-4652.0
8417	10.0	170040.3	-4654.9
8418	9.4	170048.3	-4643.5
8419	10.0	170048.3	-4637.9
8420	10.0	170050.3	-4617.1
8421	9.3	170058.8	-4653.7
8422	9.6	170102.8	-4650.6
8423	7.1	170104.3	-4634.5
8424	10.0	170113.8	-4645.2
8425	9.9	170135.3	-4636.9
8426	10.0	170200.3	-4624.9
8427	9.5	170202.3	-4618.8

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8428	7.4	170205.1	-4601.3
8429	10.0	170205.8	-4649.9
8430	10.0	170206.3	-4654.6
8431	10.0	170208.3	-4649.8
8432	10.0	170215.8	-4623.4
8433	10.0	170216.8	-4611.9
8434	10.0	170217.8	-4621.4
8435	9.9	170222.8	-4652.7
8436	9.2	170223.3	-4616.8
8437	10.0	170226.3	-4619.1
8438	9.9	170229.3	-4635.6
8439	8.4	170241.1	-4602.0
8440	9.6	170244.3	-4620.9
8441	10.0	170245.8	-4615.0
8442	10.0	170249.8	-4654.9
8443	9.8	170301.8	-4613.3
8444	10.0	170303.3	-4628.8
8445	9.0	170306.6	-4601.7
8446	9.1	170307.3	-4623.0
8447	10.0	170320.8	-4601.8
8448	9.5	170331.3	-4629.0
8449	8.6	170335.8	-4616.9
8450	9.9	170342.3	-4603.4
8451	10.0	170346.3	-4618.9
8452	10.0	170405.3	-4619.2
8453	9.5	170411.3	-4642.0
8454	9.8	170416.3	-4635.1
8455	10.0	170435.3	-4603.4
8456	9.6	170450.3	-4638.9
8457	10.0	170451.8	-4635.2
8458	8.6	170500.3	-4659.3
8459	9.8	170503.8	-4641.6
8460	9.4	170532.3	-4620.1
8461	10.0	170535.3	-4636.3
8462	10.0	170536.2	-4657.7
8463	9.0	170536.3	-4653.1
8464	10.0	170538.8	-4659.5
8465	10.0	170555.3	-4601.0
8466	9.4	170558.3	-4622.8
8467	8.5	170600.3	-4626.0
8468	10.0	170610.3	-4614.0
8469	10.0	170610.3	-4606.0
8470	8.9	170620.3	-4641.8
8471	10.0	170630.3	-4615.8
8472	9.4	170630.3	-4652.4
8473	9.6	170631.3	-4658.7
8474	7.8	170640.3	-4611.4
8475	9.9	170645.3	-4642.5
8476	10.0	170657.8	-4601.8
8477	8.2	170659.3	-4658.7
8478	9.9	170700.3	-4600.0
8479	9.6	170706.3	-4629.5
8480	9.6	170709.3	-4612.8
8481	10.0	170710.3	-4639.7
8482	9.5	170714.8	-4646.1
8483	9.6	170715.3	-4601.0
8484	9.8	170720.3	-4652.3
8485	9.4	170722.3	-4603.5
8486	10.0	170723.8	-4622.0
8487	10.0	170725.8	-4621.8
8488	10.0	170734.3	-4635.8
8489	10.0	170739.3	-4626.7
8490	9.6	170740.3	-4629.7
8491	9.6	170741.8	-4650.3
8492	8.8	170742.3	-4638.0
8493	9.8	170745.3	-4608.2
8494	10.0	170745.3	-4604.0
8495	10.0	170750.3	-4641.2
8496	9.9	170800.8	-4632.3
8497	10.0	170802.3	-4613.3
8498	9.6	170808.3	-4628.5
8499	8.9	170810.3	-4657.7
8500	9.3	170812.3	-4604.5
8501	10.0	170820.3	-4618.4
8502	9.8	170822.3	-4635.6
8503	9.5	170829.3	-4644.7
8504	10.0	170829.3	-4647.0
8505	10.0	170831.8	-4639.2
8506	10.0	170840.3	-4619.8
8507	9.4	170850.8	-4605.8
8508	9.6	170903.7	-4659.0
8509	10.0	170920.8	-4610.7
8510	7.9	170923.3	-4639.6
8511	9.0	170925.8	-4618.6
8512	9.1	170927.3	-4601.5
8513	7.3	170935.3	-4630.1
8514	10.0	170938.3	-4640.0
8515	10.0	170945.3	-4609.5
8516	8.8	170946.8	-4643.0
8517	9.4	170947.0	-4654.7

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8518	9.6	170948.5	-4640.8	8608	7.4	171536.5	-4605.0	8698	9.8	172212.0	-4643.8	8788	9.5	172941.0	-4624.0
8519	9.8	170952.5	-4608.5	8609	10.0	171541.5	-4625.0	8699	9.1	172216.0	-4647.7	8789	9.6	173001.5	-4656.5
8520	10.0	171012.5	-4620.7	8610	9.9	171542.5	-4646.9	8700	9.6	172218.5	-4647.0	8790	9.6	173010.0	-4650.0
8521	9.4	171018.5	-4658.4	8611	9.3	171542.8	-4657.9	8701	9.8	172218.5	-4651.1	8791	9.0	173019.0	-4651.6
8522	10.0	171021.5	-4609.4	8612	8.9	171545.0	-4618.6	8702	9.4	172221.0	-4644.0	8792	9.8	173020.0	-4638.7
8523	9.9	171025.5	-4651.5	8613	10.0	171546.4	-4652.8	8703	9.6	172221.5	-4633.1	8793	9.8	173023.0	-4634.2
8524	10.0	171040.0	-4609.5	8614	9.6	171547.2	-4659.0	8704	9.3	172223.0	-4651.5	8794	9.4	173029.0	-4605.0
8525	9.6	171041.2	-4600.7	8615	9.2	171607.0	-4603.8	8705	9.4	172237.0	-4621.4	8795	9.6	173030.0	-4640.1
8526	8.8	171048.7	-4602.1	8616	9.4	171607.0	-4654.6	8706	9.5	172244.0	-4646.0	8796	8.9	173035.5	-4647.6
8527	9.6	171054.5	-4628.2	8617	9.3	171612.5	-4616.6	8707	9.8	172247.5	-4622.8	8797	9.2	173035.5	-4631.1
8528	9.9	171059.5	-4625.8	8618	10.0	171614.5	-4638.7	8708	8.6	172303.5	-4631.8	8798	9.6	173036.0	-4603.5
8529	10.0	171102.5	-4618.6	8619	10.0	171617.0	-4654.2	8709	9.0	172315.0	-4646.5	8799	9.4	173041.0	-4626.1
8530	10.0	171105.5	-4628.0	8620	9.1	171620.5	-4614.2	8710	9.4	172320.0	-4624.6	8800	9.8	173052.0	-4655.6
8531	9.6	171114.0	-4631.9	8621	9.6	171620.5	-4637.8	8711	9.5	172322.0	-4629.6	8801	9.6	173059.5	-4629.1
8532	9.1	171115.5	-4625.3	8622	9.8	171625.7	-4601.1	8712	8.5	172332.0	-4609.6	8802	8.1	173100.5	-4627.2
8533	10.0	171116.5	-4625.9	8623	9.6	171630.4	-4638.8	8713	9.8	172344.5	-4619.7	8803	9.3	173103.0	-4638.2
8534	9.9	171122.5	-4655.6	8624	9.6	171630.5	-4607.0	8714	9.4	172346.0	-4625.1	8804	9.4	173106.5	-4611.5
8535	9.8	171126.5	-4633.4	8625	9.9	171636.5	-4641.9	8715	9.8	172353.0	-4658.7	8805	9.4	173107.5	-4642.3
8536	9.8	171129.5	-4624.8	8626	9.8	171640.5	-4617.7	8716	9.8	172356.0	-4610.5	8806	9.6	173109.0	-4648.3
8537	9.9	171132.4	-4659.3	8627	9.6	171640.5	-4615.5	8717	8.5	172400.0	-4640.1	8807	9.0	173115.0	-4616.1
8538	10.0	171139.5	-4632.7	8628	9.9	171641.4	-4644.0	8718	9.5	172405.5	-4610.6	8808	8.9	173126.5	-4637.4
8539	9.9	171140.5	-4603.8	8629	8.9	171649.5	-4615.7	8719	9.1	172407.0	-4626.8	8809	9.2	173132.0	-4630.2
8540	10.0	171143.5	-4639.2	8630	8.7	171704.0	-4615.6	8720	9.6	172411.0	-4626.5	8810	9.8	173134.2	-4645.6
8541	10.0	171145.5	-4651.0	8631	9.4	171714.0	-4605.5	8721	9.8	172412.0	-4600.9	8811	9.8	173134.5	-4618.8
8542	9.8	171150.5	-4625.3	8632	9.2	171723.2	-4658.1	8722	9.8	172416.5	-4608.6	8812	9.8	173136.0	-4639.4
8543	9.4	171152.0	-4602.9	8633	10.0	171730.5	-4643.5	8723	9.8	172417.5	-4648.5	8813	9.6	173138.1	-4641.0
8544	10.0	171155.2	-4659.4	8634	10.0	171732.5	-4627.6	8724	9.8	172417.5	-4641.5	8814	9.8	173138.6	-4608.0
8545	9.8	171159.5	-4656.5	8635	9.9	171734.0	-4647.1	8725	9.8	172426.0	-4636.6	8815	9.6	173142.1	-4601.0
8546	9.9	171200.5	-4612.8	8636	8.4	171746.5	-4628.9	8726	8.6	172430.0	-4629.5	8816	9.6	173150.1	-4609.0
8547	9.8	171203.0	-4650.3	8637	10.0	171747.0	-4601.9	8727	9.8	172440.8	-4659.7	8817	8.8	173150.1	-4625.4
8548	9.8	171206.0	-4650.7	8638	9.9	171747.5	-4623.9	8728	7.4	172445.0	-4630.4	8818	9.6	173151.1	-4642.2
8549	9.6	171210.5	-4617.9	8639	9.1	171750.5	-4653.0	8729	9.3	172445.5	-4635.1	8819	6.8	173154.6	-4651.0
8550	10.0	171216.5	-4657.8	8640	9.0	171751.5	-4636.1	8730	9.8	172449.5	-4624.1	8820	9.3	173159.1	-4650.6
8551	9.8	171218.0	-4627.5	8641	9.8	171751.5	-4618.5	8731	9.8	172454.7	-4658.2	8821	9.8	173159.1	-4641.4
8552	9.9	171220.5	-4644.9	8642	9.9	171752.5	-4641.7	8732	9.8	172502.5	-4627.0	8822	9.3	173209.6	-4607.6
8553	9.3	171221.5	-4601.6	8643	8.8	171800.8	-4650.0	8733	9.8	172507.7	-4639.4	8823	9.8	173210.1	-4657.9
8554	9.6	171222.0	-4624.5	8644	9.6	171801.1	-4637.3	8734	9.8	172508.5	-4608.8	8824	9.6	173221.1	-4643.8
8555	9.8	171230.0	-4610.9	8645	9.8	171802.6	-4634.6	8735	9.3	172521.0	-4627.6	8825	8.7	173225.1	-4656.8
8556	9.8	171230.5	-4604.2	8646	10.0	171807.6	-4638.5	8736	8.4	172539.0	-4654.4	8826	9.0	173226.1	-4636.8
8557	8.9	171234.5	-4611.6	8647	9.9	171808.1	-4610.4	8737	9.3	172541.0	-4644.3	8827	9.8	173237.1	-4615.0
8558	9.5	171240.5	-4622.0	8648	10.0	171809.6	-4624.5	8738	9.5	172542.0	-4643.3	8828	9.8	173243.1	-4629.6
8559	9.5	171242.5	-4604.8	8649	9.6	171814.6	-4632.8	8739	9.3	172546.0	-4636.1	8829	9.2	173250.1	-4657.8
8560	9.9	171249.5	-4644.0	8650	9.9	171816.6	-4629.9	8740	9.4	172600.0	-4611.6	8830	9.8	173250.6	-4634.5
8561	10.0	171251.0	-4623.9	8651	9.4	171821.5	-4650.1	8741	9.8	172601.0	-4633.0	8831	9.6	173251.1	-4637.1
8562	9.5	171251.5	-4641.6	8652	8.3	171826.8	-4650.0	8742	9.8	172606.0	-4611.2	8832	9.3	173259.6	-4641.0
8563	9.1	171253.0	-4608.2	8653	10.0	171831.6	-4650.9	8743	9.5	172606.5	-4615.0	8833	8.4	173302.1	-4616.8
8564	9.6	171259.5	-4643.8	8654	10.0	171832.1	-4656.7	8744	9.8	172615.5	-4638.2	8834	9.8	173302.6	-4656.3
8565	10.0	171308.5	-4626.7	8655	7.4	171833.8	-4654.9	8745	9.6	172616.0	-4604.0	8835	7.9	173303.1	-4613.8
8566	9.8	171310.5	-4656.4	8656	10.0	171840.6	-4600.6	8746	5.6	172621.0	-4624.9	8836	9.8	173303.1	-4647.1
8567	9.6	171310.5	-4611.0	8657	9.3	171848.8	-4619.2	8747	9.6	172629.5	-4640.0	8837	9.2	173304.6	-4653.5
8568	9.1	171315.0	-4642.9	8658	9.6	171852.8	-4639.2	8748	9.8	172632.5	-4635.0	8838	9.8	173305.6	-4642.0
8569	10.0	171315.5	-4620.9	8659	10.0	171854.6	-4610.1	8749	9.8	172644.5	-4649.0	8839	9.8	173307.2	-4601.1
8570	9.6	171316.5	-4611.8	8660	10.0	171858.3	-4622.9	8750	9.6	172651.5	-4646.0	8840	9.2	173311.1	-4621.8
8571	10.0	171321.5	-4646.3	8661	10.0	171902.6	-4624.6	8751	8.8	172655.0	-4652.5	8841	9.3	173311.1	-4628.4
8572	10.0	171329.0	-4626.9	8662	8.6	171911.3	-4645.7	8752	9.3	172659.0	-4619.8	8842	9.5	173311.6	-4654.8
8573	9.9	171330.5	-4641.1	8663	10.0	171911.6	-4632.5	8753	9.8	172701.0	-4632.9	8843	9.0	173312.1	-4649.4
8574	10.0	171330.5	-4603.5	8664	9.6	171913.8	-4645.4	8754	8.6	172706.0	-4657.6	8844	9.4	173315.1	-4657.8
8575	10.0	171332.5	-4639.8	8665	8.7	171922.0	-4624.8	8755	9.3	172706.5	-4613.2	8845	9.8	173316.1	-4603.0
8576	10.0	171334.5	-4609.9	8666	9.8	171932.0	-4603.6	8756	8.6	172711.0	-4611.4	8846	8.8	173328.6	-4641.0
8577	9.5	171334.5	-4630.0	8667	9.8	171940.0	-4616.7	8757	9.8	172712.5	-4640.7	8847	9.5	173340.1	-4612.0
8578	10.0	171334.5	-4648.9	8668	9.4	171943.0	-4618.8	8758	9.8	172713.5	-4648.1	8848	9.8	173348.1	-4635.6
8579	10.0	171335.5	-4652.0	8669	9.1	171943.5	-4622.4	8759	9.6	172715.5	-4640.0	8849	9.6	173401.1	-4626.6
8580	9.6	171340.7	-4656.8	8670	9.4	171944.5	-4604.4	8760	9.8	172716.5	-4640.6	8850	9.3	173403.1	-4628.6
8581	9.8	171341.0	-4635.9	8671	9.8	171945.0	-4631.6	8761	9.8	172721.5	-4618.6	8851	7.5	173404.6	-4631.4
8582	9.8	171342.5	-4655.4	8672	9.6	171950.5	-4636.4	8762	9.4	172723.0	-4649.6	8852	9.6	173407.1	-4636.1
8583	9.8	171347.5	-4656.5	8673	9.3	171951.5	-4623.8	8763	9.1	172727.0	-4616.4	8853	9.6	173413.1	-4615.3
8584	10.0	171351.0	-4631.9	8674	9.5	171953.5	-4603.5	8764	9.5	172732.0	-4647.3	8854	9.6	173415.6	-4612.2
8585	9.6	171403.0	-4630.9	8675	9.4	172003.0	-4605.1	8765	9.6	172733.5	-4650.9	8855	8.4	173417.1	-4634.4
8586	10.0	171405.5	-4641.1	8676	7.4	172004.5	-4635.2	8766	9.3	172754.5	-4655.4	8856	9.8	173421.1	-4647.4
8587	9.6	171408.5	-4618.6	8677	9.8	172010.5	-4620.8	8767	9.6	172755.0	-4630.9	8857	9.3	173422.1	-4612.6
8588	8.9	171421.5	-4607.6	8678	9.2	172021.0	-4602.8	8768	9.1	172758.5	-4638.1	8858	8.7	173423.6	-4632.5
8589	9.3	171428.5	-4637.3	8679	9.6	172029.0	-4631.0	8769	9.3	172801.0	-4658.2	8859	9.3	173441.1	-4653.3
8590	9.8	171430.5	-4621.7	8680	8.2	172033.0	-4654.0	8770	8.2	172815.8	-4601.8	8860	8.8	173444.1	-4655.1
8591	10.0	171435.5	-4636.5	8681	9.4	172036.0	-4656.4	8771	9.8	172823.0	-4628.1	8861	9.8	173446.6	-4630.5
8592	9.4	171438.0	-4645.3	8682	8.4	172046.5	-4602.6	8772	9.4	172826.0	-4603.8	8862	9.4	173447.6	-4637.4
8593	9.5	171438.5	-4609.1	8683	9.5	172051.5	-4639.5	8773	9.8	172832.0	-4620.9	8863	9.6	173452.6	-4648.8
8594	9.8	171438.5	-4655.8	8684	8.8	172053.5	-4605.8	8774	9.3	172833.0	-4614.5	8864	9.8	173501.1	-4622.8
8595	9.6	171440.5	-4659.4	8685	9.8	172101.0	-4652.4	8775	9.8	172836.5	-4633.0	8865	9.3	173502.1	-4659.5
8596	10.0	171446.0	-4648.1	8686	9.8	172107.0	-4630.4	8776	9.8	172837.0	-4641.8	8866	8.1	173511.1	-4645.8
8597	9.6	171450.5	-4628.7	8687	9.8	172107.5	-4627.7	8777	8.5	172839.0	-4630.2	8867	9.8	173514.1	-4657.0
8598	9.9	171503.2	-4600.3	8688	9.5	172111.0	-4627.0	8778	9.8	172842.0	-4615.2	8868	9.4	173525.1	-4641.9
8599	9.6	171508.5	-4636.8	8689	9.8	172113.0	-4641.6	8779	9.6	172856.0	-4640.8	8869	9.2	173541.6	-4615.3
8600	9.6	171511.5	-4647.9	8690	9.3	172117.0	-4626.0	8780	9.8	172900.0	-4636.2	8870	9.3	173543.1	-4616.7
8601	10.0	171515.2	-4657.6	8691	9.4	172117.0	-4610.6	8781	9.3	172901.0	-4634.0	8871	9.8	173544.0	-4637.0
8602	10.0	171515.2	-4600.6	8692	9.2	172121.0	-4653.0	8782	9.8	172906.0	-4629.4	8872	9.2	173557.1	-4620.1
8603	8.7	171519.5	-4607.7	8693	9.8	172147.5	-4624.6	8783	9.3	172910.0	-4613.0	8873	9.4	173611.1	-4608.6
8604	9.8	171520.5	-4636.5	8694	9.3	172152.0	-4600.8	8784	9.8	172921.3	-4602.4	8874	9.6	173615.1	-4604.6
8605	9.9	171522.0	-4600.9	8695	8.5	172153.0	-4603.0	8785	9.8	172928.5	-4645.2	8875	9.8	173617.1	-4630.4
8606	9.5	171530.5	-4633.4	8696	9.1	172210.0	-4626.7	8786	8.6	172932.0	-4614.2	8876	9.6	173618.4	-4602.0
8607	9.6	171533.0	-4647.4	8697	8.9	172211.0	-4627.2	8787	9.8	172937.0	-4655.1	8877	7.8	173621.1	-4651.8

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8878	9.3	173641.1	-4646.1
8879	9.8	173641.1	-4612.0
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8883	9.8	173648.6	-4617.1
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8889	9.2	173742.1	-4600.1
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8891	9.8	173752.1	-4644.8
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8895	9.8	173821.1	-4627.8
8896	9.4	173821.6	-4615.6
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8899	9.3	173851.1	-4627.2
8900	9.6	173859.1	-4650.0
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8903	9.8	173913.1	-4630.5
8904	9.6	173917.6	-4637.8
8905	9.6	173923.6	-4630.0
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8907	9.8	173934.1	-4612.5
8908	9.6	173935.6	-4643.2
8909	8.8	173937.6	-4653.8
8910	9.8	173940.6	-4643.2
8911	9.8	173942.6	-4623.8
8912	9.8	173946.6	-4609.0
8913	9.5	173949.6	-4616.8
8914	8.8	173953.6	-4625.0
8915	9.8	173957.1	-4659.8
8916	7.9	174001.1	-4610.3
8917	8.6	174001.6	-4623.0
8918	8.4	174004.6	-4632.0
8919	9.8	174026.6	-4623.0
8920	9.6	174031.2	-4659.1
8921	9.6	174034.1	-4618.5
8922	9.8	174036.7	-4600.5
8923	9.8	174039.1	-4616.0
8924	9.5	174047.1	-4622.5
8925	9.8	174047.1	-4617.6
8926	9.5	174049.1	-4639.0
8927	9.8	174052.1	-4650.2
8928	9.8	174055.6	-4635.6
8929	9.8	174100.1	-4621.3
8930	9.2	174104.6	-4652.3
8931	9.6	174106.1	-4608.9
8932	9.3	174111.1	-4637.1
8933	9.8	174123.1	-4600.1
8934	8.2	174127.6	-4611.1
8935	8.5	174131.1	-4619.2
8936	9.4	174132.6	-4635.6
8937	9.6	174157.1	-4613.3
8938	9.8	174206.1	-4650.8
8939	9.8	174216.1	-4645.9
8940	9.8	174224.1	-4615.1
8941	9.6	174236.6	-4624.8
8942	8.7	174302.6	-4646.6
8943	9.8	174303.1	-4621.7
8944	9.8	174308.6	-4634.1
8945	9.5	174316.6	-4600.3
8946	9.8	174321.1	-4608.4
8947	9.4	174322.6	-4603.8
8948	9.8	174325.1	-4636.8
8949	9.8	174326.6	-4647.9
8950	8.2	174330.6	-4605.2
8951	9.3	174331.1	-4617.4
8952	9.8	174334.6	-4602.4
8953	9.5	174339.6	-4624.3
8954	9.5	174341.1	-4648.5
8955	9.8	174346.1	-4600.9
8956	9.6	174354.1	-4600.7
8957	8.8	174401.1	-4648.2
8958	9.8	174414.6	-4654.2
8959	8.4	174429.6	-4621.3
8960	9.1	174431.1	-4655.7
8961	9.2	174433.6	-4604.6
8962	9.6	174439.6	-4616.7
8963	9.8	174440.6	-4621.9
8964	9.8	174443.3	-4630.6
8965	8.8	174452.6	-4630.5
8966	9.5	174457.6	-4640.8
8967	9.6	174511.1	-4653.4
8968	9.6	174513.4	-4659.6
8969	9.8	174523.1	-4649.0
8970	9.8	174524.2	-4654.0
8971	9.8	174532.1	-4610.5
8972	9.8	174539.6	-4637.6
8973	9.8	174541.1	-4651.1
8974	9.8	174548.1	-4626.9
8975	10.1	174548.3	-4605.7
8976	10.0	174551.3	-4614.8
8977	9.0	174612.5	-4611.8
8978	9.8	174620.3	-4617.2
8979	9.4	174625.3	-4645.8
8980	9.6	174626.3	-4627.4
8981	10.0	174628.8	-4608.8
8982	10.1	174633.2	-4629.4
8983	10.1	174634.3	-4638.7
8984	9.5	174635.0	-4608.2
8985	9.6	174649.3	-4620.5
8986	9.5	174650.3	-4617.7
8987	7.4	174652.0	-4640.5
8988	9.0	174655.8	-4608.3
8989	9.6	174702.8	-4624.5
8990	9.6	174705.8	-4638.5
8991	9.8	174711.8	-4658.0
8992	9.6	174721.3	-4641.1
8993	9.8	174740.8	-4605.1
8994	10.1	174750.3	-4641.1
8995	8.6	174753.3	-4605.8
8996	9.8	174754.8	-4655.3
8997	10.0	174801.3	-4639.6
8998	8.7	174810.3	-4618.3
8999	10.1	174811.8	-4631.1
9000	9.0	174812.3	-4622.4
9001	9.2	174815.8	-4611.5
9002	9.6	174819.8	-4640.5
9003	9.5	174821.3	-4643.5
9004	9.8	174832.8	-4644.8
9005	9.6	174835.8	-4610.0
9006	9.6	174836.3	-4616.2
9007	10.1	174840.8	-4652.9
9008	9.3	174849.3	-4610.8
9009	9.6	174850.8	-4631.6
9010	9.3	174851.3	-4615.6
9011	10.1	174904.3	-4602.6
9012	9.0	174912.3	-4615.1
9013	10.1	174918.8	-4602.9
9014	9.6	174921.8	-4653.1
9015	8.8	174924.8	-4617.0
9016	9.4	174926.3	-4647.2
9017	10.0	174927.3	-4612.7
9018	10.0	174928.8	-4653.2
9019	10.1	174937.8	-4638.0
9020	9.8	174941.3	-4632.2
9021	9.6	174944.3	-4642.8
9022	10.1	174950.3	-4627.1
9023	9.6	174950.3	-4626.2
9024	10.1	174958.3	-4658.5
9025	10.1	175012.8	-4617.5
9026	9.6	175030.3	-4612.7
9027	8.9	175031.8	-4611.9
9028	10.0	175049.8	-4641.1
9029	10.1	175052.3	-4631.9
9030	9.6	175101.3	-4641.9
9031	10.1	175118.8	-4641.4
9032	10.1	175120.3	-4639.9
9033	8.9	175128.8	-4633.4
9034	10.1	175131.8	-4641.9
9035	10.0	175141.3	-4659.0
9036	9.6	175142.3	-4631.3
9037	9.8	175145.5	-4602.8
9038	10.1	175204.3	-4606.1
9039	9.6	175204.8	-4629.4
9040	9.6	175206.3	-4643.7
9041	10.1	175212.8	-4620.9
9042	9.6	175213.8	-4603.5
9043	9.2	175218.8	-4617.9
9044	9.6	175220.3	-4641.4
9045	10.0	175221.3	-4659.9
9046	9.8	175226.3	-4642.1
9047	10.1	175227.8	-4614.2
9048	9.6	175229.3	-4651.3
9049	9.6	175234.3	-4654.1
9050	10.1	175240.3	-4638.1
9051	9.5	175240.3	-4629.6
9052	9.6	175241.3	-4603.7
9053	9.8	175248.3	-4604.5
9054	9.6	175248.3	-4652.9
9055	9.6	175258.3	-4617.5
9056	8.8	175259.8	-4659.2
9057	9.4	175303.2	-4605.5

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9058	9.0	175329.7	-4600.9
9059	9.8	175335.7	-4609.7
9060	10.0	175336.7	-4638.7
9061	9.6	175345.2	-4658.8
9062	10.1	175350.2	-4626.3
9063	10.0	175421.7	-4613.9
9064	9.8	175424.7	-4629.6
9065	9.0	175436.7	-4658.0
9066	9.8	175442.2	-4657.1
9067	9.3	175506.7	-4652.9
9068	8.3	175509.7	-4626.9
9069	8.9	175520.2	-4624.0
9070	9.0	175525.7	-4635.9
9071	9.5	175530.2	-4623.6
9072	10.0	175531.2	-4644.5
9073	9.5	175539.7	-4627.6
9074	9.0	175544.7	-4640.0
9075	9.4	175549.4	-4602.0
9076	10.0	175552.2	-4606.4
9077	8.8	175603.7	-4626.9
9078	9.8	175607.2	-4607.9
9079	10.0	175615.7	-4648.6
9080	9.5	175616.7	-4621.9
9081	8.8	175616.7	-4624.4
9082	10.1	175622.2	-4656.9
9083	8.2	175625.7	-4634.6
9084	9.5	175638.2	-4611.1
9085	9.4	175641.7	-4638.0
9086	10.0	175642.2	-4601.6
9087	10.0	175644.2	-4608.0
9088	9.3	175644.7	-4617.8
9089	10.0	175647.2	-4605.3
9090	9.5	175649.2	-4606.9
9091	10.1	175651.2	-4620.9
9092	8.5	175655.7	-4628.8
9093	10.0	175709.7	-4616.3
9094	10.1	175710.7	-4651.9
9095	10.1	175717.2	-4634.3
9096	9.4	175717.2	-4608.0
9097	9.4	175725.2	-4624.7
9098	9.4	175742.2	-4626.8
9099	9.3	175748.2	-4628.4
9100	9.4	175752.7	-4605.1
9101	9.5	175759.7	-4612.5
9102	9.8	175800.7	-4616.9
9103	10.0	175801.7	-4642.0
9104	8.1	175803.7	-4654.2
9105	10.1	175803.7	-4621.3
9106	8.9	175810.7	-4640.7
9107	10.1	175821.2	-4648.3
9108	10.1	175828.7	-4652.1
9109	9.8	175832.4	-4600.3
9110	10.0	175837.2	-4648.9
9111	9.4	175840.7	-4620.3
9112	10.1	175842.2	-4619.6
9113	10.1	175844.2	-4628.7
9114	10.1	175850.2	-4647.0
9115	9.0	175857.7	-4624.2
9116	9.0	175900.2	-4628.0
9117	10.0	175907.7	-4636.1
9118	9.0	175911.7	-4632.1
9119	10.1	175917.2	-4617.1
9120	9.6	175919.7	-4636.6
9121	9.4	175931.7	-4629.5
9122	10.0	175939.2	-4612.1
9123	10.1	175939.7	-4611.2
9124	9.0	175941.2	-4630.9
9125	9.6	175949.7	-4648.9
9126	10.1	175950.7	-4605.1
9127	10.0	175952.2	-4646.8
9128	10.1	175956.2	-4605.8
9129	10.1	180010.7	-4628.3
9130	10.1	180020.7	-4600.0
9131	8.7	180023.7	-4619.2
9132	9.8	180030.7	-4631.0
9133	9.8	180035.2	-4655.0
9134	9.6	180038.2	-4634.0
9135	10.1	180043.2	-4644.7
9136	10.1	180048.7	-4620.9
9137	9.0	180048.7	-4623.1
9138	10.1	180100.7	-4605.1
9139	10.0	180104.2	-4651.9
9140	9.3	180112.7	-4640.1
9141	8.8	180120.7	-4602.3
9142	8.9	180123.7	-4658.2
9143	9.6	180131.7	-4657.9
9144	9.8	180131.7	-4634.6
9145	9.8	180138.7	-4620.8
9146	10.1	180202.7	-4620.3
9147	10.1	180206.2	-4602.7
9148	9.2	180209.2	-4639.0
9149	9.4	180209.7	-4611.3
9150	10.0	180209.9	-4601.5
9151	10.1	180210.2	-4630.7
9152	10.0	180217.7	-4652.5
9153	8.8	180224.7	-4651.6
9154	9.8	180227.7	-4658.7
9155	10.1	180229.7	-4653.6
9156	8.4	180231.2	-4604.2
9157	9.4	180231.2	-4646.7
9158	9.2	180241.2	-4646.0
9159	10.1	180241.2	-4631.1
9160	9.6	180241.2	-4614.4
9161	9.6	180243.2	-4601.3
9162	10.0	180257.6	-4659.7
9163	9.6	180305.2	-4645.3
9164	10.0	180306.7	-4617.4
9165	10.1	180310.2	-4632.2
9166	9.2	180310.7	-4617.5
9167	8.9	180312.7	-4636.1
9168	9.6	180316.2	-4634.0
9169	9.2	180318.7	-4658.1
9170	10.0	180332.2	-4607.3
9171	10.0	180345.7	-4600.4
9172	8.8	180350.7	-4643.3
9173	9.0	180408.2	-4644.1
9174	10.0	180421.7	-4637.0
9175	7.4	180428.7	-4620.3
9176	10.1	180428.7	-4612.2
9177	9.6	180432.7	-4650.4
9178	9.8	180446.2	-4639.7
9179	9.6	180454.9	-4600.6
9180	10.0	180458.2	-4602.8
9181	10.1	180459.7	-4659.1
9182	8.9	180500.7	-4639.6
9183	9.6	180501.2	-4648.8
9184	9.8	180505.7	-4650.5
9185	8.8	180509.2	-4631.0
9186	9.6	180510.2	-4619.2
9187	10.1	180512.7	-4627.6
9188	9.6	180514.2	-4602.1
9189	9.8	180525.2	-4621.1
9190	8.8	180538.2	-4611.9
9191	9.8	180550.7	-4621.0
9192	9.6	180553.2	-4645.9
9193	8.9	180554.2	-4651.7
9194	9.2	180556.2	-4642.9
9195	9.4	180556.2	-4608.0
9196	9.8	180603.2	-4617.0
9197	9.6	180622.7	-4618.0
9198	9.6	180624.7	-4649.2
9199	8.9	180637.7	-4634.8
9200	10.1	180644.2	-4621.0
9201	10.1	180648.7	-4648.5
9202	7.8	180654.2	-4603.7
9203	9.0	180655.7	-4608.7
9204	10.0	180700.2	-4617.8
9205	10.1	180702.2	-4639.9
9206	10.0	180702.7	-4602.8
9207	7.4	180707.2	-4635.4
9208	9.5	180712.2	-4629.1
9209	10.1	180712.2	-4631.9
9210	9.2	180720.7	-4608.7
9211	9.6	180731.2	-4655.3
9212	8.9	180734.2	-4606.6
9213	9.6	180736.2	-4653.6
9214	9.6	180738.2	-4612.7
9215	9.6	180741.4	-4602.0
9216	9.3	180743.2	-4651.5
9217	9.6	180810.2	-4647.3
9218	9.8	180812.2	-4603.6
9219	9.6	180814.2	-4601.5
9220	9.6	180821.2	-4609.1
9221	8.6	180825.7	-4654.9
9222	10.0	180831.2	-4626.3
9223	9.8	180840.2	-4607.9
9224	10.0	180840.7	-4636.0
9225	10.0	180844.2	-4650.0
9226	10.0	180845.7	-4615.9
9227	8.9	180849.2	-4607.1
9228	10.1	180850.2	-4631.5
9229	9.8	180851.2	-4602.5
9230	10.0	180920.7	-4619.0
9231	9.3	180921.7	-4634.9
9232	9.2	180930.7	-4635.4
9233	10.0	180932.2	-4652.8
9234	8.8	180934.2	-4603.0
9235	8.8	180936.2	-4632.4
9236	10.0	180939.2	-4637.2
9237	10.1	180941.2	-4631.3

-46 9238 18h09m

-46 9597 18h55m

9238 9.2 180942.7 -4640.8	9328 9.9 181951.2 -4644.6	9418 10.0 183038.7 -4633.1	9508 10.0 184239.3 -4616.0
9239 9.6 180951.7 -4628.0	9329 9.9 181953.7 -4611.1	9419 10.4 183039.2 -4641.4	9509 9.8 184251.9 -4659.9
9240 9.6 181014.2 -4652.8	9330 9.8 181957.2 -4603.2	9420 10.4 183044.2 -4639.1	9510 10.3 184300.3 -4629.3
9241 8.7 181022.2 -4631.0	9331 10.4 181959.7 -4616.9	9421 9.3 183051.2 -4640.7	9511 10.0 184309.3 -4632.7
9242 9.8 181025.7 -4605.8	9332 8.4 182008.2 -4623.1	9422 10.4 183132.9 -4648.4	9512 6.9 184310.3 -4644.3
9243 10.1 181028.2 -4650.5	9333 9.0 182017.7 -4647.6	9423 10.4 183154.7 -4633.0	9513 10.4 184320.8 -4648.5
9244 9.8 181030.2 -4629.5	9334 9.8 182017.7 -4643.6	9424 9.8 183206.7 -4619.5	9514 9.9 184326.1 -4656.7
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9246 8.0 181035.7 -4616.6	9336 10.4 182030.7 -4649.8	9426 9.9 183220.2 -4639.1	9516 10.0 184339.8 -4647.7
9247 10.1 181040.7 -4600.9	9337 10.2 182044.2 -4607.8	9427 10.4 183224.2 -4656.1	9517 6.9 184342.8 -4643.9
9248 9.8 181040.7 -4604.7	9338 10.4 182046.2 -4606.8	9428 9.4 183238.7 -4635.0	9518 8.3 184355.3 -4655.1
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9250 9.2 181056.7 -4610.4	9340 9.3 182059.7 -4601.6	9430 10.2 183249.7 -4623.7	9520 9.2 184358.4 -4601.0
9251 9.6 181100.7 -4606.9	9341 10.4 182109.7 -4600.1	9431 10.2 183259.7 -4606.9	9521 9.9 184410.3 -4615.3
9252 8.9 181101.7 -4623.8	9342 9.3 182121.2 -4622.9	9432 10.2 183300.2 -4651.0	9522 10.4 184513.3 -4613.5
9253 9.6 181102.7 -4638.2	9343 9.4 182122.7 -4655.8	9433 10.2 183305.7 -4609.9	9523 10.4 184525.3 -4651.5
9254 10.1 181107.2 -4602.6	9344 10.2 182132.7 -4635.1	9434 10.0 183313.2 -4655.2	9524 8.9 184541.8 -4607.7
9255 8.9 181118.2 -4611.9	9345 10.4 182135.2 -4652.0	9435 10.4 183323.2 -4631.7	9525 9.9 184551.8 -4653.0
9256 9.6 181132.2 -4626.7	9346 9.6 182140.2 -4617.4	9436 10.2 183329.2 -4637.6	9526 10.3 184558.0 -4658.7
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9262 9.3 181233.7 -4602.3	9352 10.4 182212.2 -4621.4	9442 9.6 183435.7 -4642.2	9532 10.4 184632.8 -4609.6
9263 9.8 181242.2 -4654.6	9353 10.4 182214.2 -4632.1	9443 10.4 183445.2 -4604.8	9533 9.8 184634.3 -4632.5
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9265 9.6 181244.7 -4611.9	9355 9.4 182220.7 -4628.0	9445 10.4 183504.7 -4649.1	9535 9.6 184658.8 -4643.0
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9267 9.6 181253.2 -4633.5	9357 10.2 182239.2 -4606.4	9447 10.2 183520.7 -4649.0	9537 10.4 184710.8 -4614.6
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9269 10.1 181301.2 -4614.4	9359 9.1 182240.7 -4622.8	9449 10.4 183529.8 -4658.0	9539 10.0 184740.8 -4609.9
9270 9.3 181305.9 -4655.4	9360 10.2 182247.7 -4610.2	9450 9.2 183535.7 -4637.7	9540 9.0 184745.8 -4644.7
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9273 10.0 181324.2 -4605.2	9363 10.2 182319.2 -4640.1	9453 10.0 183552.2 -4607.2	9543 8.8 184832.8 -4653.8
9274 9.8 181328.2 -4608.2	9364 10.4 182321.2 -4649.3	9454 10.4 183604.2 -4638.3	9544 10.0 184833.3 -4632.7
9275 9.6 181331.2 -4609.0	9365 10.4 182321.7 -4652.8	9455 10.4 183604.7 -4626.4	9545 9.9 184848.3 -4628.9
9276 9.4 181349.2 -4632.1	9366 10.2 182329.7 -4613.0	9456 10.4 183610.2 -4623.9	9546 10.3 184850.3 -4641.5
9277 10.0 181351.2 -4655.8	9367 10.4 182350.7 -4652.9	9457 10.0 183610.2 -4623.1	9547 9.8 184850.3 -4651.9
9278 9.8 181353.7 -4629.6	9368 10.2 182351.2 -4641.2	9458 10.2 183623.7 -4632.3	9548 9.8 184853.3 -4628.9
9279 9.6 181357.9 -4622.2	9369 10.2 182352.7 -4629.7	9459 8.6 183624.7 -4643.5	9549 10.4 184906.8 -4624.9
9280 10.0 181407.2 -4606.4	9370 10.4 182406.7 -4625.0	9460 10.4 183629.2 -4623.6	9550 10.0 184908.3 -4600.9
9281 9.4 181419.0 -4601.6	9371 9.8 182414.2 -4604.7	9461 10.4 183630.7 -4617.5	9551 9.0 184910.8 -4624.3
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9284 9.6 181431.9 -4651.7	9374 9.6 182427.2 -4630.0	9464 9.0 183650.7 -4607.0	9554 10.4 184925.8 -4648.7
9285 10.2 181434.7 -4645.0	9375 10.4 182430.7 -4659.0	9465 9.6 183701.2 -4642.8	9555 10.3 184937.5 -4659.9
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9287 9.6 181450.7 -4604.5	9377 10.4 182506.7 -4649.0	9467 10.4 183719.2 -4637.3	9557 9.7 185004.3 -4653.2
9288 10.2 181510.2 -4652.5	9378 10.4 182507.7 -4631.9	9468 9.4 183720.7 -4602.8	9558 9.9 185016.3 -4638.4
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9598	9.7	185547.0	-4659.9	9688	10.0	191000.3	-4638.9	9778	9.8	193404.0	-4608.0	9868	10.3	195251.3	-4656.8
9599	10.4	185554.9	-4634.1	9689	9.8	191013.3	-4620.2	9779	9.4	193431.0	-4637.6	9869	10.2	195302.3	-4654.7
9600	8.9	185555.3	-4640.1	9690	10.1	191032.3	-4636.0	9780	8.9	193434.8	-4656.9	9870	8.6	195317.8	-4616.9
9601	10.4	185556.8	-4649.1	9691	9.0	191106.3	-4603.9	9781	10.1	193455.0	-4640.9	9871	10.0	195319.8	-4612.9
9602	10.4	185615.3	-4629.1	9692	9.2	191108.3	-4604.9	9782	10.1	193512.3	-4652.2	9872	9.3	195325.3	-4614.5
9603	9.9	185619.8	-4637.6	9693	9.7	191143.8	-4609.0	9783	10.1	193525.0	-4640.0	9873	10.2	195333.3	-4628.8
9604	9.7	185632.3	-4647.4	9694	10.1	191203.8	-4618.2	9784	9.4	193539.7	-4640.4	9874	10.2	195340.3	-4636.1
9605	8.8	185635.8	-4612.8	9695	10.0	191240.8	-4636.7	9785	10.1	193600.3	-4646.1	9875	10.2	195348.8	-4617.9
9606	10.4	185635.8	-4617.2	9696	9.4	191248.8	-4659.8	9786	9.4	193620.8	-4625.7	9876	8.9	195405.8	-4646.3
9607	10.4	185637.8	-4652.8	9697	7.9	191352.8	-4627.2	9787	10.1	193629.5	-4602.7	9877	10.2	195414.3	-4613.9
9608	10.4	185646.8	-4626.8	9698	10.1	191413.8	-4620.0	9788	9.9	193703.0	-4657.2	9878	10.3	195434.8	-4655.1
9609	9.6	185651.8	-4614.2	9699	8.5	191419.8	-4612.2	9789	8.4	193704.7	-4628.8	9879	9.0	195443.8	-4627.5
9610	9.4	185713.8	-4617.1	9700	8.2	191453.8	-4610.8	9790	10.3	193709.0	-4627.4	9880	10.0	195450.3	-4629.4
9611	8.4	185714.3	-4608.2	9701	9.4	191453.8	-4611.0	9791	9.8	193718.5	-4607.7	9881	9.6	195510.3	-4608.4
9612	10.3	185726.3	-4601.0	9702	9.0	191520.8	-4638.1	9792	10.3	193747.0	-4628.9	9882	9.8	195510.3	-4608.0
9613	10.0	185739.8	-4638.0	9703	9.4	191522.8	-4605.4	9793	10.3	193750.2	-4600.0	9883	10.3	195511.3	-4627.7
9614	9.8	185744.3	-4610.3	9704	9.0	191524.8	-4639.7	9794	10.3	193756.4	-4654.9	9884	10.0	195513.3	-4655.1
9615	8.0	185747.3	-4609.4	9705	10.0	191527.3	-4606.6	9795	9.8	193830.6	-4635.1	9885	10.3	195532.3	-4655.5
9616	9.7	185754.8	-4604.0	9706	8.6	191527.8	-4609.7	9796	10.3	193831.0	-4611.4	9886	9.6	195532.3	-4616.8
9617	9.8	185806.3	-4645.3	9707	10.1	191630.3	-4652.8	9797	10.0	193840.0	-4624.1	9887	10.0	195542.3	-4622.6
9618	9.7	185810.0	-4658.5	9708	8.5	191631.8	-4651.5	9798	9.6	193844.5	-4638.1	9888	9.2	195602.3	-4619.7
9619	10.4	185820.3	-4608.1	9709	9.6	191721.6	-4600.1	9799	9.5	193849.5	-4612.9	9889	7.9	195612.3	-4626.7
9620	9.4	185831.8	-4618.3	9710	7.7	191730.8	-4649.3	9800	9.6	193850.0	-4647.3	9890	10.3	195626.8	-4627.1
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9622	9.2	185900.3	-4632.4	9712	8.0	191916.8	-4643.3	9802	9.6	193902.0	-4624.7	9892	10.0	195652.3	-4658.4
9623	9.6	185908.3	-4625.9	9713	10.0	191939.3	-4604.1	9803	8.5	193920.0	-4619.4	9893	10.0	195702.8	-4651.1
9624	10.4	185911.8	-4600.3	9714	10.1	191948.8	-4606.0	9804	10.3	193921.0	-4651.5	9894	9.4	195721.3	-4615.2
9625	9.8	185922.3	-4625.7	9715	10.1	191956.3	-4626.1	9805	10.2	193931.5	-4612.0	9895	9.6	195729.8	-4625.1
9626	10.4	185922.8	-4634.7	9716	9.4	192003.8	-4643.2	9806	10.2	193934.0	-4645.8	9896	9.5	195737.8	-4646.0
9627	9.7	185925.8	-4621.0	9717	10.0	192016.7	-4650.6	9807	9.4	193950.0	-4618.8	9897	10.0	195745.1	-4657.4
9628	9.6	185950.8	-4641.4	9718	9.7	192025.2	-4617.8	9808	8.3	193957.0	-4627.1	9898	8.8	195750.3	-4610.4
9629	10.3	185956.3	-4612.1	9719	9.7	192054.7	-4624.8	9809	8.9	194000.0	-4626.9	9899	10.2	195821.2	-4618.8
9630	10.4	190012.8	-4603.6	9720	10.1	192117.7	-4631.9	9810	9.5	194003.0	-4655.1	9900	10.2	195851.8	-4624.9
9631	10.0	190015.5	-4659.3	9721	9.4	192124.7	-4601.9	9811	9.8	194004.5	-4645.5	9901	9.0	195928.8	-4641.4
9632	9.0	190017.0	-4657.8	9722	10.0	192146.2	-4611.3	9812	10.2	194015.0	-4650.7	9902	10.3	195937.2	-4656.8
9633	9.8	190025.3	-4635.0	9723	7.6	192215.2	-4631.7	9813	9.6	194015.0	-4621.6	9903	9.3	195939.3	-4609.1
9634	9.4	190112.5	-4659.7	9724	9.0	192233.7	-4621.7	9814	10.2	194019.5	-4636.7	9904	8.3	195942.3	-4639.5
9635	9.2	190113.3	-4631.6	9725	10.0	192236.2	-4624.8	9815	7.6	194029.0	-4603.3	9905	9.0	195949.3	-4639.7
9636	9.3	190138.8	-4648.4	9726	10.1	192245.2	-4624.1	9816	10.0	194058.0	-4604.7	9906	9.5	195950.3	-4627.9
9637	9.9	190142.3	-4626.3	9727	9.8	192301.2	-4647.8	9817	9.8	194112.5	-4610.6	9907	9.2	200035.3	-4621.1
9638	9.9	190200.3	-4616.1	9728	10.0	192317.2	-4624.5	9818	10.2	194113.5	-4611.3	9908	9.4	200102.3	-4621.5
9639	9.4	190210.8	-4615.8	9729	10.0	192345.2	-4632.3	9819	9.6	194120.0	-4627.9	9909	10.0	200120.3	-4629.4
9640	10.4	190218.3	-4643.9	9730	9.4	192429.2	-4609.4	9820	9.5	194128.0	-4617.9	9910	10.3	200122.2	-4607.8
9641	10.4	190219.3	-4640.0	9731	10.0	192450.2	-4634.9	9821	10.3	194131.0	-4623.1	9911	10.0	200128.3	-4654.0
9642	8.8	190245.8	-4620.7	9732	9.6	192507.7	-4656.8	9822	10.0	194142.0	-4633.7	9912	10.3	200130.3	-4609.8
9643	9.2	190250.8	-4653.0	9733	10.1	192528.7	-4632.0	9823	7.2	194151.0	-4640.2	9913	8.9	200140.3	-4634.0
9644	9.7	190310.3	-4618.9	9734	9.7	192536.2	-4637.4	9824	10.0	194200.0	-4647.4	9914	10.3	200145.3	-4617.8
9645	10.4	190313.3	-4657.0	9735	9.8	192551.2	-4618.1	9825	10.2	194200.0	-4652.5	9915	9.5	200158.3	-4650.4
9646	9.4	190331.3	-4638.7	9736	9.9	192552.6	-4648.6	9826	10.3	194209.1	-4615.9	9916	9.6	200204.8	-4613.3
9647	9.5	190331.3	-4620.9	9737	10.1	192556.6	-4654.0	9827	9.3	194211.0	-4658.4	9917	10.3	200246.3	-4654.7
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9649	10.0	190340.3	-4621.4	9739	9.9	192620.1	-4647.8	9829	9.5	194313.5	-4619.7	9919	10.0	200304.8	-4643.1
9650	10.2	190346.3	-4612.9	9740	9.9	192622.6	-4628.5	9830	10.3	194316.2	-4658.3	9920	9.5	200311.3	-4623.9
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9652	10.0	190432.3	-4606.5	9742	8.8	192648.6	-4634.6	9832	9.4	194359.0	-4619.9	9922	9.6	200334.0	-4611.7
9653	9.8	190434.3	-4625.7	9743	8.0	192703.6	-4625.1	9833	7.6	194408.5	-4641.1	9923	10.3	200338.8	-4656.0
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9656	10.4	190451.0	-4659.9	9746	10.1	192730.6	-4616.2	9836	10.2	194426.0	-4622.9	9926	9.0	200355.0	-4627.7
9657	10.0	190507.8	-4650.5	9747	8.4	192803.6	-4636.3	9837	10.2	194431.1	-4614.5	9927	10.3	200421.8	-4654.3
9658	9.7	190511.8	-4643.5	9748	8.4	192806.6	-4635.8	9838	9.2	194534.5	-4649.9	9928	10.2	200425.3	-4605.7
9659	9.6	190519.3	-4604.5	9749	9.6	192839.6	-4645.5	9839	9.6	194538.0	-4632.8	9929	8.0	200434.1	-4634.1
9660	10.4	190538.3	-4640.5	9750	9.6	192855.6	-4615.5	9840	10.0	194553.8	-4619.3	9930	9.1	200444.6	-4657.7
9661	10.4	190544.8	-4644.2	9751	10.1	192856.1	-4652.0	9841	10.2	194600.3	-4622.9	9931	9.0	200500.4	-4655.8
9662	9.9	190600.3	-4658.4	9752	10.0	192904.1	-4615.8	9842	10.3	194614.3	-4654.1	9932	10.5	200520.9	-4650.2
9663	10.2	190616.3	-4653.9	9753	9.2	192908.1	-4618.1	9843	8.6	194621.8	-4627.4	9933	9.0	200620.9	-4625.8
9664	10.3	190617.8	-4640.2	9754	10.1	192911.1	-4640.4	9844	10.0	194633.8	-4656.6	9934	9.6	200631.6	-4642.4
9665	9.4	190623.3	-4622.8	9755	9.4	192918.6	-4644.2	9845	9.8	194725.8	-4616.8	9935	9.5	200657.6	-4647.5
9666	9.8	190647.3	-4631.5	9756	10.0	192922.2	-4657.5	9846	9.4	194755.3	-4607.1	9936	9.8	200720.6	-4656.5
9667	9.6	190649.8	-4609.7	9757	9.2	193005.6	-4645.0	9847	8.5	194801.3	-4608.7	9937	10.5	200744.3	-4623.3
9668	9.9	190652.8	-4603.3	9758	10.1	193009.6	-4632.3	9848	8.6	194802.3	-4655.1	9938	8.2	200745.1	-4617.2
9669	10.2	190710.8	-4650.3	9759	9.8	193012.6	-4623.4	9849	8.9	194830.3	-4653.1	9939	10.5	200815.3	-4655.4
9670	9.4	190717.3	-4627.9	9760	9.7	193020.1	-4623.4	9850	8.3	194848.8	-4609.3	9940	10.1	200830.1	-4620.5
9671	10.0	190720.3	-4623.7	9761	9.9	193020.1	-4644.4	9851	9.8	194910.3	-4614.0	9941	8.6	200854.1	-4620.2
9672	9.5	190731.8	-4605.7	9762	9.8	193031.6	-4611.7	9852	10.0	194930.3	-4654.7	9942	9.8	200902.1	-4603.5
9673	10.4	190744.8	-4648.7	9763	9.2	193044.6	-4627.8	9853	10.3	194932.3	-4642.1	9943	9.8	200922.1	-4654.7
9674	9.2	190748.3	-4606.7	9764	8.8	193100.1	-4648.1	9854	9.6	194959.3	-4642.0	9944	10.5	200931.1	-4651.1
9675	10.2	190753.8	-4610.5	9765	10.0	193105.6	-4619.8	9855	7.5	195000.3	-4625.3	9945	10.4	200944.6	-4644.5
9676	9.2	190808.9	-4654.0	9766	9.8	193105.6	-4649.0	9856	9.5	195033.3	-4631.8	9946	10.4	200944.6	-4637.0
9677	10.0	190810.0	-4656.9	9767	9.8	193120.6	-4614.0	9857	10.3	195036.3	-4612.6	9947	10.3	200951.9	-4600.8
9678	10.4	190827.6	-4629.2	9768	9.0	193122.6	-4658.3	9858	10.3	195040.3	-4611.6	9948	10.1	200955.4	-4602.1
9679	10.2	190841.8	-4617.5	9769	10.1	193155.1	-4645.9	9859	10.2	195055.3	-4612.1	9949	10.2	201018.1	-4612.8
9680	9.9	190849.8	-4601.2	9770	9.4	193159.1	-4615.1	9860	10.3	195116.3	-4632.2	9950	10.1	201047.6	-4631.7
9681	9.0	190859.3	-4634.9	9771	10.1	193211.1	-4605.2	9861	9.4	195146.3	-4654.5	9951	9.2	201050.1	-4648.8
9682	10.4	190911.3	-4629.5	9772	10.1	193239.1	-4638.8	9862	9.2	195155.3	-4641.6	9952	9.6	201109.6	-4631.2
9683	9.9	190934.0	-4650.6	9773	10.1	193251.5	-4646.2	9863	8.2	195159.2	-4602.3	9953	10.5	201110.1	-4650.4
9684	10.4	190943.0	-4656.5	9774	9.4	193313.0	-4620.0	9864	9.3	195200.8	-4633.5	9954	10.5	201135.1	-4600.7
9685	10.0	190949.8	-4622.7	9775	10.1	193316.5	-4603.7	9865	10.3	195205.3	-4606.3	9955	10.5	201137.3	-4639.3
9686	9.9	190953.5	-4616.3	9776	8.0	193339.0	-4620.1	9866	10.3	195214.8	-4652.1	9956	10.5	201156.1	-4633.3
9687	7.8	190959.8	-4614.8	9777	10.1	193403.0	-4638.4	9867	10.2	195237.3	-4613.5	9957	9.5	201157.1	-4603.2

9958	9.6	201159.1	-4648.8	10048	10.5	203250.6	-4648.2	10138	9.0	205541.1	-4604.0	10228	9.8	212219.0	-4606.3
9959	10.5	201202.6	-4645.9	10049	10.5	203255.6	-4611.8	10139	7.2	205601.6	-4644.8	10229	10.4	212234.0	-4625.2
9960	10.5	201233.4	-4613.2	10050	9.3	203303.9	-4621.0	10140	8.4	205651.6	-4611.5	10230	10.4	212259.0	-4610.1
9961	8.4	201310.6	-4602.0	10051	10.0	203322.2	-4625.3	10141	9.8	205653.4	-4659.9	10231	10.4	212301.0	-4605.4
9962	10.3	201310.6	-4617.8	10052	8.4	203323.4	-4650.5	10142	9.8	205705.1	-4608.9	10232	8.8	212315.0	-4604.9
9963	9.8	201312.1	-4643.3	10053	9.6	203324.7	-4632.4	10143	9.4	205716.6	-4612.4	10233	10.3	212319.0	-4655.0
9964	10.2	201324.6	-4625.0	10054	9.0	203330.2	-4655.5	10144	10.0	205729.6	-4618.1	10234	8.8	212324.5	-4626.9
9965	9.0	201335.6	-4650.6	10055	10.0	203339.7	-4625.8	10145	9.2	205738.6	-4646.8	10235	10.0	212329.0	-4639.7
9966	10.4	201351.6	-4652.8	10056	10.0	203348.7	-4636.9	10146	9.6	205744.6	-4606.5	10236	10.0	212331.5	-4629.0
9967	10.4	201430.1	-4647.3	10057	10.0	203350.2	-4625.9	10147	8.2	205758.6	-4605.3	10237	9.6	212354.5	-4649.7
9968	10.2	201434.6	-4611.6	10058	9.4	203411.7	-4612.8	10148	8.0	205758.6	-4617.6	10238	9.5	212359.0	-4601.7
9969	10.5	201448.6	-4641.6	10059	8.8	203428.7	-4626.1	10149	8.8	205801.6	-4629.9	10239	8.8	212404.0	-4629.9
9970	9.2	201500.1	-4606.6	10060	10.0	203430.7	-4604.1	10150	8.4	205811.6	-4646.1	10240	10.6	212419.0	-4622.0
9971	10.0	201505.1	-4653.7	10061	10.0	203432.2	-4646.3	10151	9.3	205825.6	-4644.9	10241	8.8	212424.0	-4615.0
9972	9.6	201650.6	-4610.5	10062	8.6	203440.2	-4648.1	10152	9.2	205847.6	-4607.7	10242	9.8	212440.0	-4633.3
9973	10.3	201713.9	-4658.1	10063	10.0	203450.7	-4604.5	10153	10.0	205906.6	-4631.1	10243	10.4	212441.0	-4642.1
9974	10.5	201714.6	-4629.6	10064	10.0	203505.2	-4656.1	10154	10.0	205909.6	-4642.7	10244	9.8	212447.2	-4600.0
9975	8.7	201717.1	-4633.7	10065	8.8	203538.7	-4601.5	10155	9.6	205910.1	-4612.1	10245	9.8	212453.0	-4603.9
9976	10.5	201720.4	-4606.4	10066	9.6	203544.7	-4620.8	10156	8.4	205916.4	-4608.9	10246	8.8	212510.0	-4632.0
9977	10.5	201725.1	-4630.0	10067	10.0	203545.2	-4640.3	10157	7.8	205917.4	-4616.1	10247	10.0	212522.0	-4641.6
9978	10.4	201725.1	-4631.7	10068	9.3	203548.2	-4631.0	10158	6.9	205933.1	-4659.6	10248	9.4	212543.0	-4626.8
9979	8.8	201739.6	-4627.2	10069	10.0	203601.2	-4620.1	10159	8.8	205938.1	-4641.1	10249	10.3	212607.5	-4635.5
9980	9.0	201800.1	-4650.8	10070	10.0	203644.7	-4621.6	10160	10.0	205950.9	-4641.1	10250	9.5	212636.5	-4631.9
9981	3.7	201810.1	-4600.0	10071	8.2	203648.2	-4638.3	10161	10.0	205951.5	-4621.8	10251	9.5	212644.0	-4647.1
9982	9.0	201818.1	-4603.7	10072	9.6	203721.2	-4658.8	10162	10.0	210007.8	-4628.4	10252	10.2	212724.2	-4629.3
9983	10.4	201833.6	-4625.1	10073	10.0	203801.7	-4641.2	10163	10.6	210026.2	-4617.9	10253	9.8	212753.7	-4621.6
9984	9.6	201834.1	-4631.0	10074	7.3	203848.2	-4618.5	10164	9.6	210040.1	-4622.8	10254	10.8	212802.9	-4639.2
9985	10.0	201909.1	-4619.3	10075	8.6	203901.2	-4601.1	10165	7.9	210123.1	-4640.3	10255	9.0	212819.4	-4612.2
9986	10.3	202004.6	-4636.1	10076	10.0	203914.7	-4614.8	10166	10.2	210132.2	-4627.5	10256	9.6	212821.4	-4618.6
9987	10.5	202010.6	-4634.1	10077	10.0	203919.2	-4644.6	10167	10.3	210206.7	-4624.9	10257	8.2	212852.2	-4616.9
9988	9.6	202015.6	-4653.2	10078	10.0	203921.2	-4629.9	10168	9.8	210229.7	-4626.9	10258	8.4	212931.4	-4635.9
9989	9.6	202025.1	-4602.5	10079	9.6	203931.7	-4650.5	10169	10.6	210438.7	-4628.8	10259	6.8	212936.4	-4608.4
9990	10.2	202030.1	-4652.7	10080	9.6	203938.2	-4616.9	10170	10.3	210446.2	-4606.6	10260	9.4	212937.4	-4622.9
9991	9.2	202048.6	-4619.3	10081	9.8	203959.7	-4607.1	10171	9.8	210456.2	-4630.8	10261	10.4	213012.9	-4600.4
9992	7.6	202053.1	-4633.7	10082	10.0	204000.7	-4607.7	10172	9.0	210500.7	-4609.3	10262	8.6	213101.9	-4639.5
9993	9.1	202109.1	-4619.5	10083	10.0	204031.2	-4655.3	10173	10.4	210518.7	-4606.8	10263	8.4	213115.9	-4635.7
9994	9.3	202118.1	-4614.1	10084	8.8	204032.0	-4609.7	10174	10.4	210550.7	-4649.8	10264	8.2	213124.4	-4653.0
9995	10.3	202121.1	-4636.5	10085	10.0	204037.0	-4606.8	10175	7.2	210555.7	-4617.6	10265	10.4	213144.4	-4617.1
9996	9.5	202124.3	-4603.0	10086	6.7	204052.0	-4641.1	10176	10.4	210609.7	-4644.7	10266	10.4	213153.9	-4647.8
9997	10.5	202124.6	-4644.9	10087	9.8	204145.5	-4601.2	10177	10.2	210636.2	-4652.6	10267	9.0	213207.9	-4626.4
9998	9.6	202128.1	-4637.5	10088	9.0	204209.5	-4627.6	10178	9.8	210638.2	-4639.9	10268	9.2	213229.9	-4617.6
9999	10.3	202134.1	-4621.7	10089	9.3	204210.0	-4618.8	10179	10.6	210638.4	-4657.6	10269	10.4	213239.4	-4601.6
10000	9.0	202135.6	-4652.2	10090	9.6	204217.0	-4611.9	10180	9.3	210703.7	-4611.0	10270	8.5	213239.4	-4644.9
10001	9.2	202200.6	-4600.2	10091	10.0	204224.5	-4647.9	10181	10.2	210716.2	-4637.1	10271	9.6	213249.4	-4655.6
10002	9.6	202203.6	-4608.7	10092	10.0	204244.5	-4632.5	10182	8.8	210747.2	-4645.1	10272	10.4	213320.2	-4601.2
10003	9.8	202205.1	-4611.6	10093	10.0	204419.0	-4631.2	10183	9.8	210836.2	-4634.5	10273	7.8	213341.4	-4619.5
10004	10.0	202225.1	-4630.2	10094	8.8	204444.5	-4617.2	10184	10.3	210843.7	-4650.4	10274	9.4	213349.9	-4620.0
10005	10.2	202225.6	-4623.2	10095	9.6	204451.0	-4622.1	10185	10.6	210844.2	-4619.6	10275	10.4	213417.9	-4636.4
10006	10.4	202315.1	-4634.4	10096	8.8	204531.5	-4656.1	10186	10.2	210912.2	-4637.7	10276	10.2	213437.9	-4606.2
10007	10.4	202317.1	-4633.3	10097	8.8	204547.0	-4648.1	10187	8.2	211002.2	-4646.1	10277	9.6	213454.4	-4607.3
10008	9.1	202340.1	-4614.5	10098	8.8	204558.0	-4655.4	10188	9.5	211039.2	-4627.6	10278	9.6	213500.9	-4641.1
10009	10.5	202340.1	-4610.5	10099	9.6	204607.6	-4601.2	10189	10.4	211050.2	-4619.8	10279	10.4	213615.2	-4619.8
10010	10.5	202345.1	-4614.1	10100	9.0	204611.0	-4612.1	10190	10.2	211124.2	-4656.4	10280	10.4	213640.9	-4628.6
10011	10.1	202420.1	-4630.9	10101	8.8	204640.0	-4642.2	10191	7.8	211141.2	-4600.2	10281	9.6	213724.4	-4616.8
10012	10.5	202427.6	-4614.6	10102	10.0	204643.0	-4651.0	10192	9.5	211159.2	-4658.6	10282	9.3	213726.4	-4612.2
10013	8.8	202452.1	-4659.1	10103	9.6	204645.5	-4645.9	10193	10.6	211211.7	-4641.1	10283	9.1	213736.5	-4659.8
10014	9.8	202522.1	-4641.0	10104	10.0	204650.0	-4643.4	10194	7.7	211234.2	-4620.2	10284	10.4	213750.4	-4603.0
10015	10.1	202533.1	-4627.3	10105	10.0	204654.5	-4612.4	10195	9.8	211254.2	-4604.4	10285	10.4	213814.4	-4620.3
10016	10.5	202549.1	-4612.4	10106	10.0	204737.5	-4621.4	10196	9.3	211305.2	-4620.2	10286	10.4	213837.4	-4649.0
10017	9.8	202609.6	-4628.5	10107	9.6	204754.5	-4616.2	10197	9.5	211309.9	-4600.7	10287	9.0	213845.4	-4634.6
10018	9.5	202610.1	-4616.4	10108	9.3	204816.5	-4602.1	10198	9.0	211321.2	-4639.0	10288	8.0	213848.2	-4657.9
10019	10.3	202627.3	-4613.1	10109	9.0	204831.5	-4630.8	10199	9.8	211351.2	-4633.2	10289	10.4	213913.9	-4643.7
10020	10.3	202641.6	-4618.0	10110	9.8	204901.0	-4608.4	10200	10.6	211415.0	-4659.4	10290	10.0	213921.4	-4614.8
10021	10.4	202723.3	-4603.0	10111	8.6	204911.0	-4644.8	10201	9.6	211421.7	-4632.6	10291	10.4	213944.4	-4645.3
10022	10.5	202729.2	-4637.0	10112	8.8	204920.8	-4657.5	10202	10.0	211437.2	-4633.9	10292	10.2	214027.4	-4650.6
10023	10.2	202732.1	-4646.1	10113	9.8	204931.0	-4632.7	10203	10.6	211442.7	-4610.1	10293	9.4	214044.9	-4627.1
10024	10.4	202733.6	-4616.2	10114	10.0	204944.5	-4604.2	10204	9.6	211509.2	-4635.0	10294	10.2	214048.4	-4615.8
10025	10.4	202738.6	-4627.3	10115	9.3	205018.5	-4619.4	10205	10.6	211533.2	-4648.0	10295	9.6	214105.4	-4645.5
10026	10.3	202744.6	-4658.3	10116	10.0	205044.5	-4635.1	10206	9.0	211556.2	-4630.0	10296	9.4	214110.9	-4649.2
10027	10.4	202749.1	-4642.8	10117	9.4	205142.5	-4606.2	10207	10.0	211559.2	-4616.1	10297	9.0	214149.9	-4634.2
10028	9.2	202757.1	-4626.4	10118	10.0	205143.1	-4656.0	10208	9.8	211656.2	-4656.6	10298	9.6	214150.4	-4659.2
10029	10.1	202811.1	-4621.2	10119	9.6	205146.6	-4644.1	10209	10.6	211702.2	-4620.8	10299	9.4	214209.4	-4642.0
10030	9.5	202811.1	-4653.2	10120	10.0	205204.1	-4601.3	10210	8.4	211712.7	-4620.3	10300	8.8	214220.4	-4622.1
10031	10.5	202911.6	-4641.7	10121	9.8	205219.1	-4600.7	10211	9.5	211719.2	-4623.3	10301	8.5	214243.9	-4621.2
10032	10.2	202915.6	-4622.1	10122	10.0	205228.6	-4652.7	10212	7.9	211725.2	-4642.3	10302	10.4	214253.4	-4656.3
10033	10.5	202920.6	-4606.5	10123	9.3	205241.1	-4603.9	10213	9.8	211729.7	-4652.0	10303	10.4	214329.4	-4618.4
10034	9.6	202926.6	-4623.1	10124	10.0	205301.6	-4637.3	10214	10.2	211745.2	-4612.6	10304	10.0	214338.9	-4653.4
10035	10.5	202949.6	-4621.0	10125	10.0	205314.1	-4618.4	10215	9.0	211800.2	-4649.8	10305	10.4	214359.9	-4646.5
10036	10.2	202957.6	-4637.9	10126	10.0	205329.6	-4649.6	10216	7.4	211821.2	-4636.1	10306	10.4	214410.9	-4627.2
10037	10.4	203000.1	-4634.0	10127	10.0	205432.6	-4656.0	10217	9.5	211821.2	-4636.8	10307	10.0	214433.9	-4612.1
10038	9.8	203019.6	-4641.7	10128	9.6	205437.6	-4632.4	10218	9.8	211844.2	-4648.0	10308	9.3	214449.4	-4658.9
10039	10.5	203020.9	-4625.4	10129	8.0	205441.1	-4614.6	10219	9.4	211929.2	-4604.1	10309	9.3	214456.4	-4636.3
10040	10.4	203027.9	-4658.3	10130	8.8	205459.1	-4650.3	10220	10.2	211951.2	-4631.0	10310	9.6	214512.9	-4650.1
10041	10.1	203111.4	-4643.6	10131	10.0	205514.1	-4633.3	10221	9.0	212015.2	-4622.0	10311	10.4	214542.4	-4621.6
10042	10.5	203144.6	-4648.8	10132	9.6	205522.1	-4651.7	10222	10.6	212037.7	-4623.1	10312	10.4	214548.4	-4623.2
10043	10.5	203150.8	-4651.8	10133	9.6	205529.6	-4656.5	10223	9.6	212044.0	-4638.6	10313	10.4	214617.2	-4625.0
10044	10.3	203156.6	-4649.5	10134	9.8	205531.6	-4649.3	10224	9.2	212055.0	-4654.4	10314	9.4	214721.9	-4645.3
10045	8.8	203201.6	-4606.4	10135	10.0	205534.6	-4610.3	10225	8.6	212159.0	-4607.3	10315	10.2	214727.9	-4634.1
10046	9.8	203216.9	-4600.8	10136	10.0	205536.6	-4615.0	10226	10.0	212212.5	-4638.4	10316	10.4	214739.4	-4637.7
10047	9.1	203230.9	-4614.9	10137	9.3	205540.1	-4639.3	10227	10.6	212215.0	-4619.7	10317	10.4	214753.4	-4621.8

10318	9.3	214809.4	-4651.2	10408	8.8	222126.2	-4612.3	10498	8.0	230004.2	-4631.0
10319	10.0	214845.2	-4657.6	10409	7.2	222218.2	-4642.8	10499	8.8	230018.2	-4610.1
10320	9.6	214920.9	-4600.5	10410	9.0	222219.4	-4606.0	10500	7.8	230159.2	-4611.3
10321	9.4	214922.9	-4600.7	10411	9.8	222243.7	-4634.8	10501	9.6	230217.7	-4603.2
10322	10.0	214923.4	-4651.1	10412	9.8	222315.8	-4606.1	10502	8.8	230332.2	-4607.9
10323	10.2	214926.9	-4619.4	10413	9.0	222347.2	-4655.7	10503	9.0	230354.2	-4620.3
10324	8.4	214933.9	-4628.6	10414	9.8	222400.2	-4624.7	10504	9.2	230411.2	-4627.0
10325	10.4	215029.4	-4655.9	10415	9.4	222409.1	-4629.6	10505	8.4	230419.2	-4618.1
10326	10.4	215039.4	-4644.2	10416	9.1	222414.6	-4637.2	10506	8.2	230430.2	-4630.5
10327	7.6	215043.4	-4620.3	10417	9.1	222419.0	-4656.8	10507	8.9	230440.2	-4634.9
10328	8.2	215124.9	-4656.5	10418	9.0	222421.1	-4602.5	10508	9.6	230520.0	-4659.6
10329	9.6	215152.9	-4613.2	10419	7.4	222718.0	-4625.8	10509	9.6	230529.4	-4600.8
10330	8.8	215213.4	-4651.1	10420	9.6	222753.5	-4615.4	10510	8.6	230541.7	-4608.8
10331	9.6	215216.9	-4627.1	10421	9.6	222913.5	-4659.4	10511	9.2	230549.2	-4643.4
10332	10.0	215221.4	-4625.0	10422	9.2	222919.7	-4600.1	10512	8.4	230629.2	-4619.3
10333	9.8	215249.9	-4632.4	10423	9.2	222925.0	-4603.2	10513	9.6	230733.2	-4642.9
10334	10.4	215300.9	-4655.8	10424	9.6	222953.0	-4628.6	10514	9.6	230908.2	-4635.0
10335	9.6	215328.9	-4638.2	10425	9.6	222957.2	-4656.5	10515	8.4	230911.7	-4643.3
10336	9.0	215329.4	-4635.1	10426	9.6	223011.2	-4602.1	10516	8.4	230923.7	-4633.2
10337	9.3	215331.4	-4600.1	10427	9.1	223217.0	-4638.9	10517	9.5	230924.2	-4619.1
10338	10.4	215352.9	-4604.1	10428	9.2	223322.5	-4612.9	10518	8.6	230928.2	-4603.6
10339	9.3	215359.3	-4659.0	10429	7.9	223326.5	-4609.3	10519	9.6	231000.5	-4601.8
10340	10.0	215407.9	-4625.4	10430	8.8	223331.5	-4651.1	10520	8.6	231008.2	-4621.0
10341	10.4	215413.9	-4609.7	10431	9.6	223400.5	-4610.4	10521	9.6	231049.2	-4644.4
10342	9.8	215430.1	-4622.0	10432	9.2	223540.1	-4652.1	10522	9.6	231104.7	-4641.2
10343	8.8	215431.9	-4638.1	10433	9.2	223614.6	-4604.3	10523	9.2	231121.2	-4616.0
10344	10.2	215432.9	-4607.9	10434	9.6	223645.1	-4614.0	10524	8.7	231155.2	-4650.8
10345	10.0	215452.9	-4637.2	10435	8.2	223747.6	-4614.3	10525	9.4	231158.7	-4616.8
10346	8.8	215515.4	-4619.4	10436	8.2	223751.1	-4612.1	10526	9.6	231220.2	-4648.8
10347	10.0	215537.4	-4638.4	10437	9.6	223756.1	-4619.3	10527	9.6	231222.2	-4648.5
10348	8.4	215541.4	-4643.7	10438	9.6	223801.1	-4613.5	10528	9.4	231230.2	-4640.6
10349	10.4	215555.7	-4641.5	10439	9.4	223830.6	-4615.1	10529	9.6	231343.2	-4624.6
10350	9.8	215605.1	-4605.0	10440	7.6	223841.1	-4629.9	10530	9.2	231410.7	-4647.9
10351	9.6	215624.6	-4634.9	10441	9.6	223841.6	-4604.2	10531	9.4	231558.2	-4639.6
10352	10.4	215628.4	-4642.0	10442	9.6	223855.1	-4655.1	10532	9.5	231619.2	-4618.3
10353	10.4	215653.9	-4619.9	10443	9.6	223908.1	-4606.1	10533	9.6	231628.7	-4643.7
10354	8.4	215655.6	-4605.6	10444	9.6	223914.1	-4629.9	10534	9.6	231659.2	-4602.7
10355	7.9	215658.3	-4621.6	10445	8.1	223928.6	-4644.1	10535	9.6	231714.7	-4609.5
10356	9.8	215717.3	-4647.9	10446	9.4	223947.1	-4656.7	10536	9.0	231832.9	-4606.5
10357	9.4	215833.3	-4645.6	10447	9.5	223954.1	-4629.3	10537	9.2	231839.2	-4646.5
10358	9.8	215851.3	-4604.0	10448	9.2	224000.1	-4659.3	10538	9.6	231922.5	-4616.4
10359	9.8	215922.3	-4642.6	10449	9.0	224109.1	-4642.9	10539	8.8	231938.0	-4649.9
10360	9.2	220005.8	-4639.2	10450	9.4	224240.1	-4634.8	10540	9.9	232013.5	-4636.6
10361	8.8	220151.8	-4615.9	10451	8.9	224240.1	-4624.8	10541	9.7	232037.5	-4635.7
10362	8.8	220211.8	-4629.6	10452	9.1	224444.7	-4650.0	10542	9.4	232252.5	-4620.6
10363	9.4	220244.8	-4651.5	10453	7.8	224508.7	-4639.2	10543	7.4	232259.5	-4634.8
10364	9.8	220248.3	-4614.1	10454	9.6	224509.7	-4617.2	10544	9.8	232302.1	-4622.0
10365	9.8	220259.8	-4636.1	10455	9.4	224518.2	-4632.6	10545	9.9	232418.0	-4622.8
10366	9.8	220346.8	-4604.5	10456	9.6	224536.7	-4628.8	10546	9.9	232433.5	-4642.1
10367	9.8	220553.3	-4650.5	10457	9.5	224603.7	-4638.2	10547	7.7	232504.5	-4612.5
10368	9.6	220559.8	-4625.9	10458	9.2	224629.7	-4627.4	10548	9.8	232505.0	-4618.3
10369	7.5	220607.8	-4625.3	10459	9.1	224640.5	-4648.9	10549	8.8	232511.8	-4650.8
10370	8.4	220608.8	-4631.7	10460	9.2	224658.5	-4611.7	10550	9.0	232531.0	-4617.8
10371	9.4	220609.8	-4638.1	10461	7.9	224659.5	-4632.9	10551	8.2	232545.8	-4601.2
10372	9.6	220722.5	-4659.2	10462	7.3	224814.5	-4659.7	10552	8.4	232602.5	-4614.1
10373	9.8	220728.3	-4613.9	10463	9.6	224833.5	-4604.3	10553	8.4	232703.0	-4620.2
10374	9.8	220744.8	-4614.9	10464	9.2	224834.5	-4635.9	10554	9.9	232705.0	-4608.0
10375	9.8	220753.8	-4621.2	10465	9.6	224844.5	-4623.9	10555	9.8	232737.5	-4638.3
10376	9.0	220806.3	-4626.1	10466	9.4	224958.5	-4609.3	10556	9.9	232811.5	-4606.3
10377	9.2	220814.8	-4627.8	10467	9.4	225014.5	-4653.9	10557	9.7	232827.0	-4630.1
10378	9.8	220923.8	-4607.6	10468	9.6	225049.5	-4613.0	10558	9.8	232839.5	-4605.9
10379	9.2	220934.8	-4651.0	10469	8.0	225053.8	-4640.7	10559	9.6	232846.0	-4617.7
10380	8.7	221013.8	-4657.7	10470	8.7	225059.5	-4641.2	10560	9.4	232909.5	-4650.6
10381	8.5	221022.8	-4654.6	10471	9.0	225105.5	-4635.7	10561	9.2	232939.0	-4612.5
10382	9.8	221037.3	-4619.0	10472	9.2	225111.5	-4609.9	10562	9.8	232958.0	-4647.3
10383	9.8	221041.3	-4633.9	10473	9.2	225120.5	-4620.8	10563	9.0	233030.5	-4609.7
10384	7.2	221058.3	-4645.7	10474	7.6	225124.0	-4611.5	10564	8.8	233047.8	-4658.9
10385	9.8	221058.8	-4602.9	10475	9.6	225145.4	-4641.9	10565	9.7	233100.1	-4632.9
10386	9.4	221120.3	-4630.4	10476	7.4	225149.2	-4607.6	10566	8.5	233107.0	-4615.6
10387	9.8	221149.8	-4657.0	10477	9.4	225350.2	-4656.2	10567	4.9	233107.5	-4610.9
10388	9.8	221150.3	-4624.3	10478	9.6	225354.2	-4604.0	10568	9.9	233128.0	-4623.3
10389	9.8	221301.5	-4657.1	10479	9.6	225358.2	-4639.7	10569	9.4	233131.0	-4654.3
10390	9.8	221336.3	-4600.6	10480	9.4	225430.2	-4629.6	10570	7.2	233212.0	-4618.1
10391	9.8	221342.2	-4620.8	10481	9.4	225512.2	-4611.1	10571	9.6	233219.5	-4605.6
10392	9.4	221350.7	-4644.9	10482	8.8	225521.2	-4645.4	10572	9.6	233244.5	-4624.1
10393	9.8	221355.7	-4626.5	10483	9.4	225621.2	-4613.9	10573	9.9	233421.4	-4657.9
10394	8.7	221500.7	-4630.8	10484	9.4	225622.7	-4620.1	10574	9.8	233459.0	-4637.1
10395	7.2	221504.7	-4634.6	10485	9.6	225637.2	-4619.1	10575	9.8	233541.0	-4625.5
10396	8.6	221506.5	-4657.9	10486	7.4	225649.2	-4650.4	10576	9.8	233651.5	-4601.6
10397	7.7	221508.7	-4647.7	10487	9.6	225649.7	-4620.7	10577	9.2	233653.0	-4626.2
10398	5.7	221526.7	-4633.3	10488	8.7	225653.2	-4603.6	10578	9.4	233706.5	-4636.9
10399	9.8	221554.2	-4601.0	10489	7.6	225657.7	-4640.3	10579	7.6	233714.5	-4609.2
10400	9.6	221554.7	-4617.7	10490	9.3	225704.2	-4636.8	10580	9.8	233819.5	-4619.9
10401	9.0	221627.7	-4619.9	10491	9.6	225744.2	-4610.9	10581	8.4	233913.0	-4635.2
10402	9.8	221636.7	-4658.9	10492	9.0	225753.2	-4645.8	10582	7.9	234059.5	-4601.5
10403	8.6	221710.2	-4628.0	10493	8.8	225828.7	-4623.8	10583	9.2	234103.5	-4627.8
10404	9.8	221822.0	-4601.4	10494	8.4	225847.2	-4634.1	10584	9.2	234155.5	-4631.8
10405	9.2	221845.7	-4646.4	10495	9.6	225854.2	-4646.3	10585	9.6	234156.0	-4628.2
10406	7.6	221914.2	-4615.2	10496	9.6	225917.2	-4610.2	10586	9.4	234200.0	-4640.1
10407	9.8	221939.2	-4603.7	10497	9.4	230001.2	-4621.5	10587	9.9	234201.0	-4608.4
10588	9.9	234244.0	-4621.7	10678	9.4	235641.0	-4603.9	1	10.2	00020.6	-4748.6
10589	9.4	234248.5	-4632.4	10619	10.2	235742.5	-4625.3	2	9.6	00059.2	-4750.0
10590	9.6	234302.6	-4631.1	10620	10.2	235807.0	-4602.1	3	9.8	00103.2	-4719.5
10591	9.7	234317.6	-4647.7	10621	9.8	235814.5	-4653.2	4	8.6	00121.7	-4714.4
10592	9.6	234404.6	-4638.7	10622	10.2	235816.5	-4601.2	5	10.2	00121.7	-4727.9
10593	9.4	234442.1	-4623.7	10623	8.8	235850.5	-4628.8	6	7.3	00228.2	-4745.2
10594	9.9	234447.1	-4643.8	10624	10.2	235906.0	-4607.4	7	10.0	00231.8	-4702.1
10595	8.8	234529.8	-4614.5	10625	10.2	235919.5	-4603.1	8	9.8	00259.7	-4720.1
10596	8.8	234546.8	-4649.3					9	8.8	00315.2	-4704.2
10597	9.5	234553.3	-4600.1					10	9.8	00420.2	-4748.2
10598	9.0	234719.0	-4645.0					11	10.2	00425.2	-4704.2
10599	10.2	234749.5	-4641.0					12	9.4	00504.2	-4742.9
10600	10.2	234800.0	-4627.9					13	9.8	00519.2	-4746.7
10601	9.2	234804.0	-4647.0					14	10.2	00619.2	-4756.9
10602	8.6	234805.0	-4636.7					15	8.6	00823.2	-4718.8
10603	8.8	234931.5	-4641.0					16	10.2	00923.9	-4756.7
10604	10.2	235015.0	-4608.9					17	7.3	01032.5	-4716.0
10605	10.2	235020.0	-4626.2					18	9.4	01039.0	-4723.0
10606	7.2	235049.5	-4648.3					19	9.0	01115.0	-4701.8
10607	8.8	235059.5	-4618.1					20	10.2	01204.0	-4706.4
10608	10.2	235113.5	-4603.1					21	7.0	01218.3	-4713.6
10609	10.0	235115.0	-4629.2					22	10.0	01237.0	-4719.9
10610	8.5	235242.5	-4649.4					23	7.9	01309.3	-4711.7
10611	9.0	235335.0	-4627.4					24	10.2	01341.0	-4729.5
10612	10.2	235350.0	-4614.0					25	10.2	01355.5	-4725.8
10613	10.2	235406.0	-4645.8					26	9.8	01447.3	-4705.5
10614	8.2	235416.5	-4607.0					27	9.8	01449.4	-4759.9
10615	8.4	235509.9	-4602.4					28	9.4	01529.6	-4752.5
10616	10.2	235540.0	-4627.9					29	8.9	01559.3	-4700.0
10617	9.0	235610.0	-4608.6					30	8.8	01652.0	-4715.2
								31	9.0	01704.0	-4728.1
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								34	9.3	01741.0	-4705.9
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								36	9.4	01805.5	-4740.1
								37	9.2	01918.0	-4737.0
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								39	9.8	02016.0	-4713.0
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								41	9.8	02100.0	-4757.7
								42	9.8	02121.8	-4744.2
								43	9.6	02201.5	-4711.2
								44	9.0	02318.0	-4737.8
								45	9.8	02320.5	-4739.9
								46	8.9	02356.0	-4722.3
								47	9.2	02414.5	-4742.4
								48	8.0	02428.5	-4743.6
								49	8.9	02431.0	-4733.7
								50	9.6	02541.0	-4732.0
								51	9.0	02552.5	-4755.0
								52	9.8	02556.0	-4702.6

-47 53 0h26m

-47 412 4h05m

53	9.8	02620.0	-4747.5	143	10.2	10911.0	-4711.9	233	10.0	20406.8	-4753.0
54	9.0	02620.5	-4744.8	144	9.8	10915.8	-4746.6	234	10.0	20509.5	-4700.0
55	9.6	02643.5	-4718.3	145	9.2	11040.3	-4729.8	235	8.2	20528.8	-4702.0
56	7.0	02711.0	-4738.4	146	10.2	11053.5	-4709.6	236	9.8	20544.6	-4717.2
57	9.8	02740.5	-4711.9	147	9.2	11100.3	-4720.3	237	9.2	20553.0	-4736.7
58	9.8	02809.0	-4710.8	148	10.0	11144.3	-4727.4	238	9.4	20603.3	-4724.9
59	9.8	02901.0	-4711.9	149	10.2	11239.8	-4734.9	239	9.0	20607.3	-4754.5
60	8.6	02914.0	-4751.1	150	8.2	11342.8	-4717.1	240	7.4	20627.4	-4710.4
61	8.8	02941.5	-4702.9	151	9.4	11347.1	-4718.0	241	7.3	20708.1	-4745.4
62	9.8	03111.0	-4724.2	152	9.8	11352.1	-4712.1	242	7.9	20733.6	-4724.0
63	9.2	03111.0	-4756.0	153	8.2	11410.4	-4757.0	243	10.0	20820.1	-4732.8
64	8.4	03112.0	-4757.2	154	10.2	11515.6	-4709.6	244	9.4	20823.6	-4722.8
65	9.3	03132.0	-4755.2	155	10.2	11629.1	-4755.4	245	10.0	20849.6	-4710.0
66	9.6	03152.0	-4703.9	156	8.2	11701.1	-4756.9	246	9.8	20912.6	-4725.3
67	9.8	03242.5	-4701.1	157	10.2	11744.8	-4759.2	247	8.5	20922.4	-4758.1
68	9.8	03339.6	-4700.7	158	9.6	11832.1	-4738.4	248	8.8	21037.4	-4759.9
69	9.8	03351.1	-4738.4	159	9.2	11833.1	-4726.2	249	9.4	21117.1	-4743.1
70	8.2	03406.1	-4736.0	160	10.2	11850.6	-4713.0	250	9.4	21121.1	-4727.9
71	9.8	03412.1	-4713.8	161	10.2	11933.6	-4727.5	251	10.0	21124.1	-4753.8
72	8.8	03456.6	-4730.4	162	9.8	11933.6	-4749.2	252	9.0	21158.6	-4738.1
73	8.8	03505.1	-4745.4	163	10.2	11944.1	-4723.5	253	10.0	21433.6	-4712.3
74	9.8	03515.1	-4742.8	164	9.4	12011.1	-4752.7	254	10.0	21528.6	-4713.3
75	9.6	03630.6	-4716.0	165	10.2	12110.1	-4727.0	255	8.0	21539.7	-4730.0
76	8.4	03643.6	-4752.8	166	9.8	12350.1	-4727.6	256	9.0	21706.7	-4709.9
77	9.8	03741.6	-4748.8	167	10.0	12350.1	-4754.3	257	8.2	21728.2	-4743.1
78	9.8	03751.1	-4746.6	168	10.2	12359.1	-4741.1	258	8.6	21734.4	-4702.2
79	9.0	03830.1	-4741.6	169	7.2	12412.6	-4724.2	259	9.8	21825.2	-4722.5
80	9.8	03910.1	-4709.6	170	10.0	12430.1	-4759.1	260	10.0	21831.2	-4740.2
81	8.8	03936.1	-4714.0	171	10.2	12449.6	-4737.0	261	9.0	21833.7	-4742.6
82	9.8	03936.9	-4750.2	172	9.4	12524.1	-4721.2	262	10.0	21858.2	-4727.5
83	9.6	04037.7	-4724.9	173	8.2	12547.6	-4754.6	263	9.2	21904.2	-4732.2
84	9.0	04111.1	-4718.6	174	8.6	12551.1	-4702.2	264	9.4	22049.4	-4702.2
85	9.4	04159.7	-4700.9	175	10.0	12601.1	-4716.0	265	8.8	22118.8	-4759.3
86	9.5	04219.7	-4713.1	176	8.6	12735.1	-4754.2	266	9.0	22150.2	-4703.0
87	10.2	04253.9	-4710.1	177	7.6	12803.1	-4757.3	267	9.8	22159.2	-4724.0
88	9.0	04254.3	-4747.9	178	10.0	12818.1	-4751.0	268	9.4	22243.2	-4742.5
89	7.0	04308.9	-4722.6	179	10.0	12914.6	-4720.8	269	9.4	22503.7	-4747.0
90	9.2	04400.9	-4732.7	180	10.2	12919.1	-4728.0	270	9.1	22514.2	-4710.5
91	8.4	04412.7	-4758.6	181	10.2	13001.1	-4743.6	271	10.0	22540.7	-4759.1
92	9.2	04438.4	-4709.7	182	9.8	13022.1	-4756.6	272	10.0	22607.7	-4713.4
93	7.8	04448.9	-4749.4	183	10.2	13049.6	-4721.4	273	8.6	22626.7	-4759.9
94	10.0	04527.9	-4705.2	184	9.8	13107.1	-4711.1	274	9.4	22714.7	-4713.2
95	9.4	04539.0	-4703.7	185	10.2	13110.1	-4731.9	275	10.0	22918.2	-4754.0
96	8.8	04552.9	-4722.1	186	10.2	13121.1	-4737.2	276	8.6	22920.2	-4724.2
97	10.2	04608.4	-4745.5	187	7.4	13221.2	-4744.9	277	8.6	23132.6	-4737.6
98	9.2	04628.9	-4756.2	188	7.6	13235.2	-4748.9	278	9.8	23136.9	-4744.8
99	9.0	04630.8	-4758.9	189	10.2	13251.2	-4722.7	279	10.0	23236.5	-4746.8
100	9.6	04644.9	-4757.2	190	10.2	13301.2	-4737.0	280	9.8	23241.9	-4724.6
101	9.4	04702.4	-4758.2	191	9.4	13325.2	-4721.9	281	7.8	23254.4	-4711.3
102	9.6	04719.4	-4742.9	192	9.4	13326.2	-4728.6	282	8.7	23302.4	-4756.1
103	9.6	04727.9	-4752.1	193	10.2	13340.2	-4703.5	283	9.4	23306.4	-4753.5
104	9.4	04729.4	-4714.1	194	9.0	13413.2	-4742.9	284	9.8	23357.4	-4739.3
105	9.0	05039.8	-4703.3	195	9.4	13430.2	-4708.5	285	9.1	23358.4	-4720.4
106	8.4	05110.8	-4732.4	196	10.2	13443.2	-4756.5	286	8.8	23408.6	-4720.2
107	9.4	05249.8	-4750.8	197	10.2	13509.2	-4722.5	287	9.6	23458.3	-4714.6
108	10.2	05253.3	-4748.7	198	10.2	13625.2	-4713.1	288	9.6	23617.8	-4752.7
109	10.0	05306.8	-4739.9	199	9.8	13715.2	-4718.7	289	8.2	23713.3	-4739.8
110	8.6	05312.8	-4711.6	200	10.2	13745.2	-4735.5	290	9.8	23726.8	-4757.0
111	9.8	05313.3	-4702.8	201	10.2	13756.7	-4726.0	291	7.1	23738.3	-4703.3
112	10.2	05329.8	-4730.0	202	10.2	13759.2	-4701.1	292	9.5	23846.3	-4703.2
113	9.4	05338.8	-4732.1	203	10.2	13802.7	-4701.6	293	9.0	24038.8	-4741.6
114	8.6	05349.3	-4717.2	204	10.0	13909.5	-4759.0	294	8.4	24058.8	-4705.0
115	10.0	05409.3	-4706.8	205	10.0	13928.5	-4724.0	295	9.2	24232.8	-4731.6
116	9.8	05428.8	-4748.5	206	8.8	14109.0	-4734.4	296	9.8	24409.8	-4731.9
117	8.6	05521.8	-4701.1	207	10.0	14336.0	-4719.0	297	9.2	24450.3	-4739.0
118	10.2	05545.8	-4753.0	208	8.2	14337.0	-4725.2	298	9.8	24643.3	-4704.8
119	10.2	05548.8	-4707.0	209	8.6	14341.5	-4728.8	299	9.8	24704.8	-4746.8
120	9.4	05614.8	-4737.7	210	8.9	14345.0	-4735.3	300	9.1	24723.3	-4743.0
121	10.2	05633.7	-4725.9	211	8.4	14414.0	-4706.7	301	9.4	24727.3	-4730.3
122	7.4	05708.1	-4757.3	212	7.5	14431.0	-4723.6	302	9.8	24806.8	-4755.0
123	6.4	05710.3	-4704.2	213	9.6	14528.0	-4723.2	303	9.8	24843.8	-4753.8
124	9.4	05746.3	-4758.2	214	7.8	14659.5	-4715.5	304	9.1	25224.3	-4722.6
125	10.0	05810.8	-4743.0	215	9.4	14659.5	-4723.4	305	8.3	25227.8	-4713.7
126	10.2	05901.3	-4731.8	216	10.0	14702.0	-4740.5	306	9.8	25306.8	-4719.4
127	9.6	05937.3	-4725.0	217	10.0	14820.0	-4726.6	307	9.8	25307.8	-4718.0
128	10.2	05953.2	-4725.0	218	9.6	14934.5	-4717.8	308	8.5	25328.8	-4703.7
129	5.0	10030.2	-4723.2	219	10.0	15017.0	-4715.4	309	9.8	25354.3	-4750.1
130	10.2	10118.7	-4718.1	220	10.0	15037.5	-4726.5	310	8.6	25409.3	-4735.0
131	10.2	10215.2	-4705.1	221	6.0	15212.8	-4759.8	311	9.4	25414.8	-4754.0
132	7.3	10300.2	-4720.0	222	10.0	15355.5	-4712.1	312	9.8	25437.8	-4756.1
133	8.8	10339.7	-4747.9	223	10.0	15439.8	-4759.7	313	9.4	25451.8	-4731.2
134	10.2	10442.7	-4718.4	224	10.0	15835.2	-4739.6	314	7.4	25551.8	-4754.9
135	10.0	10450.0	-4709.4	225	9.0	20004.5	-4712.7	315	9.6	25719.0	-4744.8
136	10.2	10509.2	-4700.8	226	9.6	20035.0	-4734.8	316	9.8	25753.5	-4757.6
137	10.2	10531.2	-4731.3	227	8.6	20056.0	-4752.8	317	9.6	25759.5	-4702.6
138	8.8	10627.7	-4705.5	228	10.0	20126.5	-4728.8	318	7.3	25839.5	-4727.8
139	8.7	10644.7	-4746.0	229	8.9	20149.5	-4712.2	319	9.8	25920.5	-4747.2
140	9.4	10721.5	-4742.4	230	10.0	20227.0	-4756.7	320	9.8	25923.0	-4714.5
141	9.6	10740.9	-4757.4	231	10.0	20229.1	-4757.4	321	9.8	25939.0	-4736.0
142	8.4	10826.4	-4706.2	232	9.8	20244.5	-4721.7	322	9.8	25954.9	-4757.5
323	9.6	30006.5	-4722.2								
324	9.8	30029.0	-4757.1								
325	9.6	30213.9	-4704.0								
326	8.0	30322.6	-4731.0								
327	9.6	30416.6	-4732.0								
328	8.9	30531.1	-4720.8								
329	9.8	30601.6	-4702.6								
330	9.8	30813.1	-4735.7								
331	9.6	30819.6	-4746.1								
332	7.1	30845.6	-4737.4								
333	9.6	30912.6	-4723.8								
334	8.0	30925.1	-4739.8								
335	9.8	31108.3	-4722.3								
336	8.2	31226.1	-4745.4								
337	9.8	31258.3	-4728.1								
338	9.6	31424.6	-4723.8								
339	9.6	31700.1	-4714.4								
340	9.4	31715.6	-4720.3								
341	7.2	31802.1	-4712.6								
342	9.8	31825.6	-4733.8								
343	9.1	31850.3	-4706.3								
344	8.4	32028.8	-4717.4								
345	9.0	32229.8	-4717.4								
346	8.7	32314.8	-4724.0								
347	9.6	32520.8	-4747.7								
348	8.2	32547.8	-4749.5								
349	9.6	32619.8	-4755.3								
350	9.6	32621.8	-4754.9								
351	9.5	32637.0	-4748.1								
352	9.8	32648.8	-4751.3								
353	8.3	32700.8	-4702.4								
354	9.8	32743.6	-4740.8								
355	9.2	32824.8	-4739.4								
356	8.3	32900.7	-4708.6								
357	8.2	32903.0	-4712.1								
358	9.0	32936.2	-4724.1								
359	9.9	32952.9	-4716.6								
360	9.4	33044.2	-4741.3								
361	9.0	33051.0	-4756.9								
362	9.9	33052.2	-4720.3								
363	9.4	33107.2	-4739.5								
364	9.9	33122.2	-4710.5								
365	8.2	33216.7	-4736.9								
366	9.9	33249.9	-4722.0								
367	8.8	33325.7	-4723.1								
368	9.9	33501.9	-4720.6								
369	9.4	33503.7	-4720.9								
370	9.9	33559.2	-4710.7								
371	9.4	33600.2	-4736.1								
372	9.4	33700.7	-4726.0								
373	9.9	33936.5	-4750.6								
374	9.7	33939.0	-4731.1								
375	8.8	33943.5	-4733.8								
376	7.0	34123.5	-4745.0								
377	9.9	34133.0	-4705.2								
378	8.8	34149.0	-4754.0								
379	8.8	34218.0	-4711.8								
380	9.6	34236.5	-4749.4								
381	9.6	34239.5	-4743.2								
382	8.8	34349.0	-4723.9								
383	9.9	34427.5	-4728.8								
384	8.4	34527.0	-4707.4								
385	9.3	34609.0	-4752.0								
386	9.1	34655.5	-4701.2								
387	9.0	34744.5	-4734.0								
388	9.8	34751.0	-4741.4								
389	7.2	34941.0	-4715.7								
390	8.2	34941.0	-4714.4								
391	9.7	34943.5	-4712.0								
392	9.6	35114.5	-4732.1								
393	9.0	35151.0	-4752.6								
394	9.9	35200.0	-4757.0								
395	8.3	35225.0	-4739.0								
396	9.7	35329.5	-4751.3								
397	9.9	35413.6	-4712.1								
398	8.8	35530.6	-4706.7								
399	9.8	35636.2	-4709.0								
400	10.0	35738.2	-4703.3								
401	10.4	35801.7	-4748.3								
402	9.2	35951.2	-4750.8								
403	9.4	40034.2	-4743.1								
404	9.4	40129.7	-4733.7								
405	9.2	40153.2	-4708.4								
406	8.4	40244.2	-4746.6								
407	10.3	40248.2	-4723.1								
408	10.4	40259.2	-4723.0								
409	9.8	40319.7	-4732.9								
410	8.1	40500.2	-4743.4								
411	10.3	40527.2	-4740.9								
412	8.5	40549.2	-4745.5								

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413	7.4	40719.2	-4715.7	503	9.3	45050.0	-4732.1	593	6.9	52624.2	-4710.3
414	10.2	40729.2	-4710.0	504	9.6	45057.0	-4735.5	594	10.2	52624.7	-4734.3
415	9.8	40736.2	-4735.1	505	9.9	45242.8	-4712.8	595	6.5	52643.7	-4710.2
416	10.4	40759.2	-4746.8	506	9.4	45255.3	-4746.3	596	8.4	52706.7	-4717.7
417	7.4	40759.2	-4724.4	507	8.3	45408.8	-4727.8	597	10.2	52720.7	-4751.5
418	10.4	40800.7	-4735.4	508	9.4	45427.6	-4758.4	598	10.2	52723.2	-4731.1
419	8.4	40817.7	-4738.6	509	9.2	45429.8	-4748.7	599	9.4	52750.7	-4723.1
420	8.4	40902.7	-4753.2	510	9.6	45438.8	-4730.8	600	10.0	52757.7	-4755.5
421	10.0	40951.7	-4738.8	511	9.4	45447.3	-4738.3	601	10.2	52837.2	-4717.8
422	10.2	41117.7	-4723.1	512	8.8	45516.8	-4730.7	602	9.6	52837.2	-4718.2
423	9.2	41204.2	-4741.2	513	9.4	45554.8	-4755.2	603	9.0	52844.7	-4729.5
424	10.4	41237.1	-4758.2	514	9.8	45557.8	-4721.9	604	7.8	52857.7	-4733.8
425	8.6	41256.2	-4724.2	515	9.7	45615.3	-4704.6	605	9.4	52912.7	-4708.6
426	7.5	41528.7	-4752.2	516	9.4	45703.3	-4703.7	606	7.0	52934.7	-4746.5
427	10.4	41543.2	-4726.9	517	9.4	45705.8	-4748.6	607	9.7	52938.2	-4747.2
428	8.6	41708.7	-4732.9	518	8.3	45718.8	-4747.1	608	8.8	52946.7	-4744.8
429	9.2	41740.2	-4708.5	519	9.6	45721.9	-4720.4	609	9.4	52949.7	-4717.1
430	10.4	41814.2	-4739.8	520	9.7	45744.9	-4738.0	610	9.4	52954.7	-4710.6
431	10.4	41823.7	-4730.6	521	8.8	45758.8	-4716.7	611	10.2	52958.7	-4738.5
432	10.3	41903.2	-4754.1	522	9.9	45859.6	-4757.5	612	9.6	53039.2	-4738.0
433	9.8	42002.2	-4710.2	523	9.9	45931.3	-4705.2	613	9.6	53056.2	-4736.7
434	8.6	42024.2	-4726.8	524	8.8	45944.8	-4755.4	614	9.0	53119.2	-4724.8
435	9.6	42030.7	-4727.6	525	8.6	50027.8	-4745.7	615	8.9	53148.0	-4701.6
436	9.2	42039.2	-4703.3	526	9.8	50050.3	-4756.1	616	10.2	53210.2	-4716.7
437	9.2	42043.2	-4744.4	527	9.8	50119.3	-4708.3	617	10.2	53216.2	-4727.0
438	9.4	42200.5	-4726.9	528	9.2	50200.8	-4716.9	618	10.0	53228.7	-4754.9
439	9.8	42208.8	-4747.3	529	8.8	50217.0	-4757.8	619	10.0	53234.7	-4742.7
440	10.2	42259.2	-4747.5	530	9.7	50225.3	-4722.9	620	7.0	53239.7	-4723.5
441	6.5	42325.7	-4713.2	531	9.9	50259.8	-4733.1	621	8.6	53254.2	-4754.7
442	10.4	42355.2	-4734.1	532	9.3	50315.3	-4730.3	622	10.0	53300.7	-4720.0
443	9.7	42416.4	-4718.1	533	9.9	50540.7	-4704.2	623	9.4	53350.2	-4759.0
444	9.8	42434.9	-4704.8	534	9.9	50630.7	-4712.4	624	8.2	53403.2	-4716.4
445	9.4	42511.9	-4707.8	535	9.0	50632.2	-4713.2	625	8.1	53448.2	-4747.1
446	9.6	42541.4	-4702.7	536	9.0	50636.7	-4734.9	626	9.2	53449.2	-4738.3
447	9.8	42702.4	-4756.8	537	8.4	50655.2	-4709.7	627	10.2	53452.7	-4734.4
448	9.8	42708.4	-4734.9	538	9.3	50658.8	-4701.6	628	9.7	53523.2	-4754.9
449	9.4	42709.4	-4717.5	539	9.9	50703.7	-4713.4	629	10.2	53555.4	-4745.7
450	9.7	42731.8	-4701.2	540	9.9	50713.7	-4715.3	630	8.8	53604.2	-4740.3
451	9.8	42744.4	-4716.0	541	9.3	50729.2	-4730.6	631	10.2	53741.2	-4715.9
452	8.8	42853.9	-4744.5	542	9.4	50735.2	-4707.8	632	9.9	53945.2	-4722.2
453	8.8	42906.9	-4728.3	543	7.6	50831.7	-4725.4	633	10.2	53953.2	-4744.6
454	9.0	42915.2	-4758.9	544	9.4	50845.2	-4705.0	634	9.9	53958.7	-4724.4
455	9.7	42932.4	-4717.2	545	8.8	50911.2	-4730.9	635	8.9	54005.7	-4753.1
456	9.8	42956.4	-4710.9	546	9.9	50912.6	-4756.8	636	8.5	54009.2	-4736.1
457	9.8	43152.9	-4725.7	547	9.9	50929.7	-4759.7	637	9.6	54010.7	-4744.5
458	9.7	43219.4	-4752.1	548	9.6	50931.2	-4722.4	638	9.7	54054.7	-4726.9
459	9.3	43228.4	-4754.5	549	9.9	51126.7	-4719.8	639	10.0	54100.2	-4717.7
460	9.7	43324.4	-4724.9	550	8.2	51129.2	-4720.2	640	9.2	54104.7	-4723.2
461	9.8	43344.4	-4702.9	551	8.8	51137.2	-4703.6	641	9.7	54117.2	-4745.9
462	9.8	43434.2	-4737.3	552	8.0	51237.7	-4736.4	642	9.7	54141.2	-4701.2
463	9.3	43442.7	-4723.3	553	9.9	51301.2	-4711.6	643	10.2	54145.7	-4732.1
464	8.6	43531.0	-4758.2	554	9.7	51309.6	-4719.3	644	10.2	54149.2	-4711.9
465	9.3	43601.7	-4718.1	555	8.6	51314.1	-4704.1	645	8.4	54211.7	-4725.9
466	9.8	43616.3	-4700.9	556	9.0	51325.1	-4721.8	646	10.0	54214.7	-4738.7
467	9.8	43636.2	-4710.0	557	9.4	51337.6	-4727.3	647	10.2	54215.7	-4709.8
468	9.8	43659.7	-4743.4	558	9.8	51340.1	-4751.2	648	7.1	54225.7	-4702.4
469	7.4	43811.7	-4730.0	559	9.4	51413.1	-4707.7	649	9.9	54254.7	-4723.9
470	9.8	43830.2	-4745.1	560	9.7	51416.6	-4728.0	650	10.2	54326.2	-4746.1
471	9.3	43900.7	-4723.9	561	9.9	51421.8	-4735.0	651	10.2	54334.7	-4748.0
472	8.8	43905.2	-4753.6	562	8.3	51446.6	-4730.7	652	8.9	54336.2	-4743.5
473	9.4	43917.7	-4733.1	563	9.9	51529.6	-4729.0	653	10.2	54415.7	-4706.4
474	8.6	43918.7	-4743.2	564	9.7	51625.6	-4703.2	654	10.2	54420.2	-4714.0
475	9.4	43943.2	-4724.9	565	8.0	51633.1	-4710.4	655	8.9	54501.7	-4710.1
476	8.0	43946.7	-4727.2	566	9.8	51641.1	-4702.8	656	10.2	54508.2	-4753.9
477	9.2	43952.2	-4745.9	567	8.0	51705.5	-4738.5	657	9.2	54518.7	-4731.8
478	8.8	43957.2	-4713.5	568	9.9	51713.1	-4708.8	658	10.2	54550.2	-4706.8
479	9.8	44002.7	-4739.9	569	8.8	51750.6	-4752.7	659	9.4	54644.7	-4737.2
480	8.2	44108.7	-4738.3	570	9.4	51820.4	-4746.0	660	10.2	54714.7	-4741.8
481	9.8	44140.7	-4719.0	571	9.9	51822.4	-4750.0	661	10.2	54720.0	-4758.7
482	9.6	44258.7	-4755.4	572	9.4	51845.5	-4710.1	662	10.2	54728.7	-4723.1
483	9.8	44402.2	-4717.8	573	9.9	51910.4	-4722.8	663	9.1	54734.2	-4713.4
484	9.8	44411.2	-4755.8	574	9.8	52018.9	-4746.1	664	9.1	54734.2	-4718.6
485	8.4	44439.7	-4751.4	575	10.2	52019.6	-4700.8	665	10.2	54735.2	-4746.1
486	9.7	44445.7	-4707.2	576	9.7	52024.9	-4744.0	666	9.2	54749.7	-4731.0
487	9.8	44446.7	-4730.1	577	7.8	52040.4	-4727.1	667	10.4	54825.6	-4728.4
488	9.2	44458.7	-4752.6	578	10.2	52051.9	-4746.0	668	10.4	54839.7	-4705.4
489	9.3	44500.7	-4713.2	579	9.9	52109.4	-4754.3	669	8.0	54909.7	-4754.2
490	9.0	44504.7	-4742.6	580	10.2	52125.9	-4721.9	670	9.8	54923.2	-4737.0
491	7.4	44524.7	-4721.2	581	8.9	52134.7	-4740.6	671	10.4	54939.7	-4714.2
492	9.1	44558.7	-4748.5	582	8.1	52157.2	-4712.2	672	7.6	54950.2	-4759.0
493	9.3	44558.7	-4716.0	583	9.8	52400.2	-4719.4	673	10.4	54956.7	-4711.8
494	9.4	44736.7	-4712.0	584	10.2	52431.7	-4716.9	674	10.4	55020.2	-4718.7
495	8.8	44811.2	-4719.3	585	10.2	52459.2	-4753.3	675	10.4	55030.7	-4710.0
496	7.8	44829.2	-4703.8	586	10.2	52508.7	-4719.0	676	10.2	55039.7	-4707.4
497	9.4	44900.2	-4704.6	587	10.2	52517.2	-4758.3	677	8.1	55049.0	-4712.5
498	8.8	44900.5	-4745.5	588	10.2	52517.7	-4701.0	678	8.3	55130.0	-4740.0
499	9.8	44945.7	-4740.2	589	10.2	52533.2	-4712.4	679	10.4	55130.0	-4751.8
500	9.3	45006.0	-4713.7	590	9.6	52539.2	-4756.6	680	10.4	55147.0	-4715.1
501	9.7	45019.5	-4720.9	591	10.2	52539.7	-4743.3	681	9.2	55158.5	-4744.1
502	9.8	45036.2	-4714.0	592	10.2	52605.7	-4736.7	682	10.4	55200.0	-4715.4

-47 772 6h16m

683	10.2	55201.0	-4722.8	703	10.4	55919.0	-4724.8	723	10.0	60516.3	-4716.9
684	10.4	55312.5	-4725.9	704	10.4	55934.0	-4726.4	724	10.4	60518.8	-4719.9
685	10.4	55313.0	-4730.2	705	9.6	55936.5	-4746.9	725	9.1	60603.8	-4713.9
686	10.4	55340.0	-4726.9	706	10.1	55939.5	-4704.4	726	9.6	60604.8	-4730.3
687	9.1	55354.0	-4729.4	707	10.4	55953.0	-4736.0	727	10.2	60650.5	-4757.5
688	9.8	55400.0	-4703.4	708	9.5	55954.5	-4756.5	728	10.4	60651.3	-4721.4
689	9.1	55400.5	-4748.9	709	10.1	60012.0	-4745.9	729	10.2	60656.3	-4704.2
690	8.8	55452.0	-4745.2	710	9.5	60040.0	-4726.3	730	10.4	60726.3	-4705.8
691	10.4	55520.0	-4744.3	711	8.0	60108.5	-4728.4	731	10.0	60728.3	-4745.1
692	10.0	55520.5	-4717.0	712	9.6	60110.0	-4727.8	732	10.4	60752.3	-4705.5
693	10.2	55522.0	-4736.5	713	10.2	60112.5	-4715.1	733	10.0	60759.3	-4706.6
694	9.6	55608.0	-4752.9	714	10.4	60123.5	-4726.1	734	9.0	60847.8	-4722.2
695	10.4	55610.5	-4708.3	715	10.4	60131.5	-4728.0	735	9.2	60853.3	-4738.7
696	10.4	55633.0	-4709.5	716	10.4	60155.0	-4734.1	736	10.4	60906.3	-4739.9
697	9.5	55710.0	-4744.7	717	10.4	60224.5	-4717.8	737	9.1	60915.3	-4750.7
698	10.4	55713.5	-4721.3	718	10.4	60337.0	-4731.1	738	9.6	60925.3	-4724.4
699	10.4	55750.0	-4728.6	719	10.1	60343.0	-4723.1	739	10.4	61000.8	-4715.3
700	10.2	55845.0	-4716.0	720	10.4	60358.5	-4710.6	740	10.4	61014.3	-4748.3
701	8.2	55851.5	-4724.9	721	10.4	60407.3	-4758.5	741	10.4	61040.2	-4721.0
702	9.2	55913.5	-4737.8	722	10.0	60451.8	-4726.7	742	10.2	61044.7	-4701.5
743	8.2	61100.3	-4718.3	763	10.0	61448.0	-4704.5				
744	10.4	61126.3	-4726.3	764	9.9	61456.6	-4759.2				
745	10.1	61159.7	-4700.7	765	8.0	61508.1	-4759.3				
746	9.4	61245.3	-4701.9	766	10.2	61511.6	-4720.6				
747	7.8	61253.8	-4747.1	767	10.2	61525.6	-4711.6				
748	10.4	61258.8	-4745.7	768	10.2	61525.6	-4750.0				
749	9.8	61300.3	-4738.5	769	10.2	61527.6	-4751.0				
750	10.4	61305.3	-4753.9	770	10.2	61543.8	-4702.3				
751	10.4	61305.8	-4734.7	771	10.2	61559.1	-4750.3				
752	10.4	61315.3	-4730.1	772	9.0	61610.1	-4756.1				

-47 773 6h16m

-47 1132 7h06m

773	9.2	61629.6	-4719.4	863	10.2	63005.0	-4715.9	953	8.5	64344.5	-4701.1	1043	9.8	65508.7	-4745.3
774	9.2	61643.1	-4722.4	864	8.4	63008.5	-4724.0	954	9.7	64349.0	-4735.0	1044	9.9	65508.7	-4732.0
775	8.7	61643.1	-4709.5	865	10.0	63010.5	-4720.5	955	8.5	64350.0	-4717.1	1045	10.0	65511.7	-4758.3
776	10.2	61648.6	-4709.5	866	9.0	63032.0	-4712.9	956	10.0	64402.5	-4725.0	1046	9.8	65513.7	-4732.3
777	9.8	61659.1	-4717.2	867	10.0	63034.5	-4715.9	957	10.0	64409.0	-4743.9	1047	9.4	65518.7	-4749.0
778	10.2	61659.1	-4747.2	868	9.6	63054.5	-4705.9	958	9.9	64411.5	-4706.1	1048	9.9	65518.7	-4713.9
779	9.5	61715.1	-4711.3	869	10.2	63106.0	-4744.5	959	7.6	64414.5	-4709.7	1049	9.7	65525.2	-4703.8
780	10.2	61719.6	-4738.7	870	9.6	63123.5	-4751.3	960	9.8	64422.0	-4729.5	1050	9.4	65526.2	-4709.5
781	10.2	61728.1	-4719.5	871	8.0	63126.0	-4716.5	961	9.4	64427.0	-4752.3	1051	10.0	65534.2	-4734.5
782	10.2	61733.6	-4702.0	872	9.5	63136.5	-4714.0	962	9.2	64440.3	-4758.1	1052	8.8	65540.8	-4716.7
783	10.2	61750.1	-4727.1	873	10.2	63138.1	-4743.6	963	10.0	64444.0	-4737.2	1053	10.0	65540.8	-4751.7
784	9.8	61751.1	-4734.3	874	9.6	63140.6	-4739.7	964	9.2	64444.5	-4705.5	1054	9.5	65603.8	-4716.5
785	8.7	61754.1	-4720.5	875	10.2	63150.6	-4737.9	965	10.0	64448.5	-4745.8	1055	9.6	65604.8	-4720.0
786	8.7	61757.1	-4740.1	876	10.2	63152.6	-4704.3	966	10.0	64449.5	-4751.1	1056	9.4	65612.8	-4739.8
787	10.2	61809.6	-4746.2	877	10.2	63203.1	-4707.9	967	8.0	64458.5	-4728.8	1057	9.4	65646.8	-4715.8
788	10.2	61830.6	-4703.2	878	8.0	63215.1	-4719.8	968	10.0	64512.5	-4702.5	1058	9.7	65659.3	-4747.4
789	10.2	61841.1	-4750.2	879	8.8	63220.1	-4710.9	969	10.0	64515.5	-4701.2	1059	9.0	65707.3	-4749.0
790	9.9	61847.1	-4741.5	880	8.4	63228.6	-4753.1	970	10.0	64520.0	-4701.2	1060	10.0	65710.8	-4756.1
791	10.0	61908.1	-4741.6	881	10.0	63234.6	-4729.9	971	9.9	64528.5	-4743.5	1061	10.0	65728.8	-4720.1
792	10.2	61921.1	-4746.3	882	10.2	63315.6	-4709.5	972	9.6	64529.0	-4708.2	1062	10.0	65752.8	-4735.1
793	10.0	61924.1	-4707.8	883	9.8	63316.6	-4725.7	973	10.0	64531.5	-4719.5	1063	9.4	65756.3	-4755.3
794	10.2	61959.1	-4749.4	884	9.4	63321.1	-4741.2	974	10.0	64532.5	-4733.1	1064	9.6	65808.8	-4749.1
795	9.5	62004.1	-4729.5	885	10.2	63328.6	-4732.0	975	9.7	64536.5	-4725.1	1065	10.0	65815.8	-4727.3
796	9.6	62022.1	-4744.9	886	10.0	63331.6	-4757.0	976	7.8	64537.6	-4757.5	1066	10.0	65827.0	-4729.5
797	9.8	62042.3	-4731.4	887	10.0	63334.1	-4735.5	977	10.0	64539.0	-4736.5	1067	10.0	65831.8	-4715.3
798	10.0	62047.8	-4722.1	888	9.9	63344.6	-4727.8	978	10.0	64549.0	-4739.1	1068	10.0	65833.8	-4717.5
799	10.0	62100.3	-4713.2	889	10.0	63352.6	-4710.4	979	10.0	64626.5	-4723.9	1069	9.8	65840.8	-4710.5
800	9.2	62101.3	-4720.2	890	10.2	63403.1	-4752.7	980	9.4	64632.8	-4756.7	1070	8.2	65844.8	-4754.7
801	9.9	62109.3	-4702.0	891	8.8	63409.1	-4737.0	981	8.8	64654.0	-4715.9	1071	10.0	65845.8	-4755.1
802	10.2	62114.3	-4744.5	892	10.0	63410.1	-4753.7	982	9.4	64706.0	-4704.2	1072	10.0	65849.8	-4702.3
803	9.6	62139.8	-4752.0	893	9.9	63416.6	-4747.5	983	9.8	64707.5	-4759.5	1073	9.2	65910.8	-4709.1
804	10.2	62143.3	-4727.9	894	9.6	63433.1	-4742.8	984	10.0	64709.5	-4732.3	1074	10.0	65928.8	-4746.3
805	10.2	62148.3	-4735.1	895	9.1	63433.1	-4739.2	985	10.0	64713.0	-4752.2	1075	9.4	65940.3	-4719.7
806	10.2	62156.3	-4711.6	896	10.2	63441.6	-4740.1	986	10.0	64716.5	-4721.0	1076	8.8	70015.3	-4734.7
807	9.6	62204.8	-4716.1	897	8.2	63450.6	-4703.4	987	9.8	64716.5	-4736.1	1077	8.8	70022.3	-4738.1
808	10.2	62210.3	-4756.0	898	9.8	63451.6	-4722.9	988	9.7	64718.5	-4747.8	1078	10.0	70038.3	-4701.9
809	9.5	62218.3	-4703.7	899	8.8	63456.6	-4730.1	989	10.0	64719.5	-4705.5	1079	10.0	70040.0	-4733.1
810	10.2	62230.8	-4708.5	900	8.8	63459.1	-4715.6	990	9.1	64727.0	-4718.1	1080	10.0	70043.3	-4702.6
811	9.4	62231.8	-4715.2	901	8.8	63510.1	-4737.3	991	9.8	64727.0	-4749.1	1081	10.0	70101.0	-4751.1
812	8.6	62239.8	-4739.5	902	9.4	63520.1	-4707.7	992	9.0	64729.6	-4757.2	1082	10.0	70102.0	-4720.1
813	10.2	62252.8	-4713.8	903	9.0	63524.1	-4711.9	993	7.8	64739.5	-4710.7	1083	9.8	70106.0	-4717.3
814	9.9	62304.3	-4726.7	904	10.2	63543.6	-4752.9	994	10.0	64748.0	-4723.4	1084	9.8	70115.0	-4722.4
815	9.8	62315.8	-4746.0	905	10.2	63554.1	-4728.7	995	10.0	64748.5	-4727.7	1085	10.0	70117.4	-4716.7
816	10.2	62320.3	-4733.3	906	8.2	63556.6	-4750.9	996	9.7	64752.5	-4753.1	1086	10.0	70124.0	-4704.4
817	10.2	62336.3	-4738.2	907	9.6	63559.1	-4723.0	997	9.7	64753.5	-4726.0	1087	10.0	70130.5	-4751.5
818	9.5	62342.3	-4714.8	908	10.0	63605.2	-4733.9	998	9.9	64803.5	-4709.7	1088	10.0	70132.5	-4751.0
819	8.0	62348.3	-4744.7	909	9.6	63610.7	-4726.1	999	8.6	64808.5	-4736.0	1089	10.0	70137.0	-4712.1
820	8.8	62414.3	-4754.1	910	9.1	63639.7	-4712.9	1000	8.6	64810.5	-4710.7	1090	9.4	70141.0	-4712.7
821	9.8	62420.8	-4720.6	911	10.2	63644.2	-4738.1	1001	10.0	64830.5	-4751.9	1091	8.5	70147.0	-4729.7
822	10.2	62425.8	-4750.9	912	9.0	63650.2	-4710.8	1002	10.0	64831.5	-4737.2	1092	9.6	70200.5	-4702.1
823	10.2	62428.3	-4730.8	913	10.2	63715.7	-4745.9	1003	8.3	64902.5	-4716.4	1093	10.0	70200.7	-4700.9
824	9.0	62431.3	-4758.8	914	7.0	63723.7	-4730.1	1004	9.4	64928.5	-4723.8	1094	8.6	70202.5	-4730.7
825	8.8	62431.3	-4726.2	915	7.6	63726.2	-4733.1	1005	10.0	64940.5	-4741.2	1095	9.4	70209.5	-4752.3
826	10.2	62433.3	-4745.3	916	10.2	63843.8	-4702.9	1006	9.0	64944.2	-4759.4	1096	10.0	70214.0	-4753.8
827	9.4	62433.8	-4709.8	917	9.6	63850.7	-4748.1	1007	10.0	65009.0	-4707.2	1097	10.0	70220.5	-4709.3
828	10.2	62457.9	-4735.0	918	10.2	63850.7	-4749.5	1008	10.0	65015.0	-4755.4	1098	9.8	70223.4	-4757.9
829	10.0	62458.8	-4741.6	919	9.9	63901.2	-4758.7	1009	9.8	65036.0	-4704.4	1099	10.0	70232.5	-4710.9
830	10.2	62506.3	-4739.3	920	10.0	63912.7	-4738.7	1010	9.2	65040.5	-4732.8	1100	10.0	70241.0	-4741.4
831	10.2	62508.3	-4739.1	921	10.0	63916.2	-4756.1	1011	9.0	65051.0	-4750.3	1101	10.0	70243.5	-4723.2
832	10.2	62515.8	-4734.9	922	8.8	63921.7	-4748.2	1012	9.4	65054.9	-4700.6	1102	9.2	70248.4	-4700.1
833	9.9	62524.3	-4746.4	923	9.9	63922.2	-4735.8	1013	10.0	65057.0	-4738.5	1103	10.0	70248.5	-4730.3
834	9.6	62524.3	-4745.7	924	10.0	63929.2	-4733.8	1014	10.0	65101.5	-4704.1	1104	8.8	70254.5	-4756.3
835	8.6	62536.3	-4725.1	925	10.2	63929.7	-4714.9	1015	10.0	65104.0	-4753.2	1105	10.0	70255.0	-4714.8
836	10.0	62544.3	-4736.6	926	10.0	63944.2	-4726.0	1016	9.8	65113.0	-4713.6	1106	10.0	70259.0	-4730.2
837	10.2	62601.0	-4710.1	927	10.2	63952.7	-4756.7	1017	10.0	65116.5	-4710.3	1107	10.0	70300.5	-4711.9
838	10.2	62624.0	-4704.0	928	9.4	64014.2	-4752.0	1018	9.7	65126.5	-4730.2	1108	10.0	70309.5	-4743.6
839	10.2	62632.0	-4705.9	929	9.6	64020.7	-4744.1	1019	10.0	65127.0	-4748.9	1109	9.4	70334.5	-4740.5
840	8.8	62656.0	-4714.5	930	10.2	64022.2	-4707.5	1020	9.5	65132.5	-4728.0	1110	9.8	70343.5	-4723.7
841	9.8	62702.5	-4748.7	931	9.9	64048.1	-4727.0	1021	9.7	65133.5	-4740.1	1111	10.0	70345.5	-4734.3
842	10.2	62708.5	-4711.1	932	9.9	64058.7	-4727.9	1022	9.7	65134.0	-4700.7	1112	10.0	70349.4	-4700.9
843	10.2	62714.5	-4750.9	933	9.9	64107.6	-4709.2	1023	10.0	65135.0	-4733.2	1113	10.0	70355.5	-4718.7
844	9.6	62722.0	-4723.3	934	10.2	64108.2	-4717.8	1024	9.4	65135.5	-4740.3	1114	9.4	70357.5	-4711.3
845	9.8	62723.0	-4721.1	935	10.2	64114.2	-4703.8	1025	10.0	65143.0	-4751.4	1115	10.0	70358.5	-4702.4
846	8.6	62732.0	-4710.1	936	10.0	64122.5	-4753.4	1026	10.0	65201.6	-4720.8	1116	9.6	70401.5	-4714.7
847	9.9	62738.5	-4700.3	937	10.0	64124.8	-4743.2	1027	10.0	65204.0	-4700.1	1117	9.9	70402.0	-4731.1
848	10.2	62746.5	-4749.0	938	10.0	64137.0	-4721.2	1028	8.6	65233.2	-4719.9	1118	9.6	70405.0	-4751.1
849	10.2	62759.5	-4754.1	939	7.0	64143.0	-4705.6	1029	10.0	65238.2	-4701.2	1119	9.6	70407.5	-4758.6
850	9.8	62801.0	-4737.3	940	9.7	64146.8	-4756.9	1030	10.0	65240.7	-4755.0	1120	9.2	70412.0	-4746.0
851	10.0	62818.5	-4752.9	941	10.0	64148.0	-4719.3	1031	8.6	65251.7	-4737.9	1121	9.4	70423.9	-4701.9
852	7.3	62823.0	-4750.5	942	10.0	64155.5	-4713.8	1032	9.7	65254.7	-4740.1	1122	9.7	70443.0	-4719.2
853	10.2	62830.5	-4721.5	943	9.1	64201.5	-4702.7	1033	9.2	65255.3	-4758.1	1123	8.1	70451.0	-4738.3
854	10.2	62844.5	-4728.0	944	9.4	64208.5	-4749.0	1034	10.0	65312.7	-4751.3	1124	8.5	70455.0	-4719.3
855	9.9	62846.5	-4715.1	945	9.5	64209.5	-4746.4	1035	9.2	65328.7	-4722.7	1125	10.0	70501.0	-4726.8
856	9.5	62848.5	-4732.8	946	9.9	64219.5	-4725.6	1036	9.6	65340.2	-4750.9	1126	9.4	70513.5	-4741.1
857	9.5	62904.5	-4740.7	947	7.9	64308.0	-4733.4	1037	10.0	65348.7	-4714.9	1127	10.0	70523.0	-4756.1
858	10.2	62920.5	-4701.4	948	7.7	64321.0	-4740.1	1038	10.0	65427.2	-4709.9	1128	9.4	70530.5	-4713.6
859	10.2	62940.0	-4716.8	949	8.8	64322.0	-4736.5	1039	8.3	65432.2	-4757.2	1129	10.0	70539.0	-4713.9
860	9.9	62945.5	-4715.0	950	10.0	64327.0	-4746.3	1040	8.6	65433.7	-4715.3	1130	9.4	70541.0	-4718.9
861	9.6	62948.5	-4720.1	951	9.9	64341.5	-4742.1	1041	10.0	65434.7	-4727.1	1131	9.2	70611.0	-4747.3
862	8.8	63003.5	-4754.7	952	9.5	64342.5	-4702.5	1042	9.7	65443.8	-4757.7	1132	9.8	70611.5	-4749.7

-47 1133 7h06m

-47 1492 7h36m

1133	9.4	70620.5	-4735.9	1223	10.2	71300.8	-4703.2	1313	8.6	71959.4	-4742.7	1403	9.4	72900.7	-4701.7
1134	9.9	70641.0	-4709.1	1224	10.4	71302.8	-4717.0	1314	9.8	72020.4	-4741.6	1404	10.4	72917.0	-4704.0
1135	8.3	70642.5	-4711.5	1225	10.2	71309.2	-4701.7	1315	10.4	72023.4	-4714.9	1405	9.8	72918.5	-4748.1
1136	9.7	70650.5	-4708.9	1226	9.5	71326.8	-4716.8	1316	10.4	72038.9	-4707.4	1406	10.4	72930.0	-4707.0
1137	9.9	70659.5	-4754.1	1227	10.1	71331.3	-4729.5	1317	10.4	72055.4	-4730.2	1407	9.8	72941.5	-4728.7
1138	8.8	70706.0	-4759.0	1228	10.4	71336.7	-4735.3	1318	10.2	72057.9	-4726.0	1408	9.1	72943.0	-4731.9
1139	10.0	70712.5	-4721.3	1229	10.0	71337.2	-4743.5	1319	10.4	72109.4	-4740.2	1409	10.0	72955.7	-4700.9
1140	9.6	70717.5	-4753.3	1230	9.8	71337.2	-4714.0	1320	10.1	72112.4	-4720.9	1410	10.4	72957.5	-4729.7
1141	10.0	70719.0	-4753.0	1231	10.0	71340.7	-4716.7	1321	8.9	72116.9	-4718.9	1411	10.1	72957.5	-4758.1
1142	10.0	70720.0	-4744.0	1232	10.0	71341.2	-4722.0	1322	10.2	72117.4	-4741.0	1412	10.4	73002.0	-4706.0
1143	9.2	70724.5	-4726.1	1233	9.8	71350.2	-4728.8	1323	10.4	72117.9	-4746.2	1413	9.0	73004.0	-4741.9
1144	10.0	70725.5	-4738.8	1234	10.1	71353.2	-4717.0	1324	10.4	72125.9	-4728.1	1414	10.4	73015.0	-4718.9
1145	10.0	70727.5	-4744.6	1235	10.2	71355.7	-4723.8	1325	9.4	72133.9	-4706.2	1415	10.0	73026.0	-4721.6
1146	10.0	70747.0	-4715.0	1236	10.1	71356.7	-4700.8	1326	10.0	72138.4	-4718.9	1416	9.8	73026.5	-4713.9
1147	8.4	70747.0	-4749.4	1237	10.4	71357.7	-4748.8	1327	9.8	72139.9	-4718.9	1417	10.4	73029.0	-4711.0
1148	10.0	70753.0	-4724.5	1238	10.4	71402.7	-4715.8	1328	10.0	72140.9	-4724.8	1418	10.4	73029.5	-4730.1
1149	9.2	70759.0	-4749.6	1239	10.4	71404.7	-4704.4	1329	10.1	72141.7	-4701.5	1419	10.4	73032.5	-4734.8
1150	10.0	70806.5	-4745.5	1240	10.0	71409.7	-4749.8	1330	10.0	72143.9	-4707.9	1420	10.2	73033.0	-4720.8
1151	9.6	70812.0	-4715.2	1241	9.1	71412.7	-4720.7	1331	10.4	72201.9	-4736.2	1421	10.2	73033.5	-4727.2
1152	9.1	70818.0	-4717.8	1242	10.2	71414.2	-4756.9	1332	10.2	72205.9	-4732.3	1422	10.0	73047.5	-4720.7
1153	9.6	70822.0	-4718.2	1243	10.4	71415.2	-4749.4	1333	9.8	72208.4	-4758.8	1423	9.6	73101.5	-4734.3
1154	9.9	70825.0	-4747.8	1244	10.0	71430.7	-4743.2	1334	9.3	72214.9	-4728.8	1424	10.0	73101.5	-4707.6
1155	10.0	70827.0	-4757.4	1245	10.0	71438.7	-4714.3	1335	9.4	72216.4	-4723.1	1425	10.4	73103.0	-4709.6
1156	9.9	70832.5	-4723.8	1246	10.0	71442.7	-4746.8	1336	10.0	72220.9	-4726.2	1426	10.4	73107.5	-4715.6
1157	8.8	70836.0	-4711.7	1247	10.1	71445.2	-4731.2	1337	9.8	72223.4	-4706.9	1427	10.0	73110.5	-4755.0
1158	9.2	70836.5	-4730.3	1248	9.8	71445.2	-4706.7	1338	9.8	72224.4	-4700.9	1428	9.8	73114.0	-4703.8
1159	9.4	70837.5	-4735.8	1249	9.5	71451.2	-4750.9	1339	10.2	72227.4	-4753.0	1429	9.6	73118.0	-4741.5
1160	8.8	70838.8	-4732.2	1250	9.8	71456.2	-4717.3	1340	9.3	72227.4	-4737.9	1430	9.8	73123.0	-4720.2
1161	9.4	70848.0	-4728.2	1251	9.8	71456.2	-4703.9	1341	8.2	72232.9	-4731.3	1431	9.4	73127.5	-4727.8
1162	10.0	70851.5	-4757.0	1252	10.0	71521.2	-4704.8	1342	9.2	72234.4	-4740.3	1432	10.4	73130.5	-4752.1
1163	10.0	70852.0	-4725.7	1253	9.5	71525.2	-4709.7	1343	8.6	72235.9	-4755.0	1433	10.1	73141.5	-4719.5
1164	8.8	70852.0	-4726.4	1254	10.4	71529.5	-4709.6	1344	10.4	72240.4	-4738.9	1434	9.8	73144.5	-4726.3
1165	9.7	70856.8	-4729.0	1255	10.2	71531.7	-4754.8	1345	9.6	72244.9	-4712.6	1435	10.0	73149.0	-4707.8
1166	9.6	70902.5	-4748.0	1256	10.4	71534.2	-4712.0	1346	9.8	72250.4	-4732.9	1436	10.4	73151.5	-4717.6
1167	8.6	70904.5	-4756.5	1257	10.4	71534.2	-4727.8	1347	9.8	72252.9	-4729.0	1437	10.0	73154.5	-4703.1
1168	9.5	70912.8	-4739.6	1258	10.4	71538.2	-4754.8	1348	10.0	72255.4	-4711.9	1438	10.0	73157.0	-4740.9
1169	10.0	70923.1	-4726.2	1259	10.2	71545.2	-4719.2	1349	10.2	72259.4	-4745.2	1439	10.4	73204.5	-4720.4
1170	10.0	70926.7	-4756.3	1260	10.1	71545.9	-4759.7	1350	10.0	72306.9	-4758.5	1440	9.8	73211.5	-4756.5
1171	10.0	70932.2	-4746.1	1261	10.2	71555.2	-4744.7	1351	10.2	72310.4	-4726.3	1441	9.8	73223.0	-4724.1
1172	10.4	70936.8	-4723.7	1262	9.4	71558.7	-4724.5	1352	10.0	72314.4	-4750.1	1442	10.4	73223.5	-4700.4
1173	10.0	70943.6	-4721.2	1263	9.2	71559.2	-4730.1	1353	10.0	72321.4	-4701.7	1443	10.4	73224.0	-4734.9
1174	10.2	70944.8	-4720.7	1264	10.4	71600.4	-4737.8	1354	10.0	72321.9	-4700.2	1444	10.0	73237.5	-4747.0
1175	10.0	70946.8	-4722.2	1265	9.8	71600.4	-4749.6	1355	10.2	72322.4	-4720.6	1445	10.1	73252.0	-4727.6
1176	9.6	70949.6	-4718.5	1266	9.1	71602.4	-4710.4	1356	10.4	72328.9	-4702.5	1446	10.4	73253.0	-4705.2
1177	9.8	70953.3	-4706.0	1267	10.4	71604.4	-4757.7	1357	8.1	72347.4	-4731.7	1447	10.4	73259.0	-4718.7
1178	10.4	70954.7	-4746.9	1268	10.4	71612.4	-4736.2	1358	10.2	72348.5	-4720.1	1448	10.0	73303.0	-4750.9
1179	10.4	70955.6	-4736.3	1269	10.4	71644.4	-4709.7	1359	9.5	72357.0	-4713.1	1449	10.0	73308.9	-4759.8
1180	9.8	70959.6	-4733.7	1270	10.4	71644.4	-4749.8	1360	7.8	72407.5	-4709.6	1450	10.4	73315.0	-4741.0
1181	9.3	71000.9	-4700.6	1271	8.8	71648.9	-4711.3	1361	9.4	72409.5	-4749.5	1451	10.0	73328.0	-4720.0
1182	10.4	71001.6	-4712.0	1272	10.4	71709.7	-4701.9	1362	10.0	72414.5	-4714.3	1452	10.4	73328.0	-4712.6
1183	10.0	71009.6	-4710.9	1273	10.1	71631.4	-4754.0	1363	9.2	72459.5	-4729.5	1453	9.8	73333.0	-4738.5
1184	9.5	71018.6	-4731.4	1274	9.8	71632.4	-4717.8	1364	10.4	72500.5	-4711.5	1454	10.4	73333.0	-4738.0
1185	10.4	71019.6	-4701.7	1275	9.4	71633.9	-4702.9	1365	10.4	72502.0	-4727.1	1455	10.4	73338.0	-4735.0
1186	10.4	71020.1	-4717.6	1276	10.1	71638.9	-4748.4	1366	10.4	72505.7	-4702.9	1456	10.4	73340.5	-4737.0
1187	10.4	71020.1	-4710.4	1277	10.4	71704.4	-4744.1	1367	10.1	72508.0	-4722.0	1457	10.0	73343.0	-4713.0
1188	10.4	71020.9	-4732.9	1278	9.8	71721.4	-4708.3	1368	10.0	72521.5	-4753.1	1458	9.8	73349.5	-4735.1
1189	10.4	71020.9	-4732.7	1279	9.8	71724.4	-4750.6	1369	9.4	72526.5	-4709.7	1459	9.3	73359.5	-4720.5
1190	10.4	71023.1	-4721.5	1280	9.8	71727.4	-4759.5	1370	9.8	72532.6	-4708.1	1460	9.8	73401.0	-4720.1
1191	10.1	71026.6	-4747.2	1281	10.4	71727.4	-4739.0	1371	10.4	72533.0	-4711.3	1461	10.4	73409.5	-4757.6
1192	10.0	71029.1	-4716.8	1282	9.8	71729.4	-4721.8	1372	10.0	72539.5	-4710.9	1462	9.8	73411.5	-4736.8
1193	8.6	71036.6	-4753.5	1283	10.4	71750.4	-4736.8	1373	9.2	72547.5	-4707.5	1463	9.8	73413.0	-4744.8
1194	10.0	71039.6	-4735.1	1284	10.4	71751.4	-4736.1	1374	10.2	72555.5	-4704.5	1464	9.8	73413.0	-4750.0
1195	10.0	71048.1	-4726.9	1285	10.0	71800.4	-4708.3	1375	9.2	72610.5	-4746.5	1465	10.2	73413.5	-4726.8
1196	10.4	71048.2	-4708.0	1286	10.4	71803.9	-4716.9	1376	9.4	72616.5	-4704.1	1466	10.4	73415.5	-4717.3
1197	9.8	71051.3	-4743.0	1287	10.4	71807.9	-4758.4	1377	9.8	72619.0	-4722.5	1467	10.0	73427.5	-4731.4
1198	9.6	71056.8	-4738.0	1288	10.4	71809.7	-4757.5	1378	9.8	72620.5	-4735.7	1468	9.8	73428.0	-4746.0
1199	9.8	71058.8	-4747.7	1289	10.2	71810.7	-4701.0	1379	10.0	72629.5	-4707.9	1469	8.5	73449.0	-4725.0
1200	10.2	71059.8	-4724.7	1290	10.4	71813.2	-4701.1	1380	10.0	72631.5	-4721.9	1470	8.2	73449.5	-4725.5
1201	9.4	71100.8	-4746.4	1291	9.8	71815.9	-4731.8	1381	9.3	72635.5	-4736.1	1471	10.4	73456.5	-4707.6
1202	9.1	71109.8	-4731.4	1292	9.8	71819.4	-4744.6	1382	10.0	72644.0	-4733.7	1472	9.8	73458.0	-4707.0
1203	10.4	71110.3	-4736.4	1293	10.4	71819.9	-4737.1	1383	8.8	72650.0	-4712.7	1473	10.4	73459.5	-4717.9
1204	10.4	71125.3	-4714.6	1294	9.8	71825.4	-4749.4	1384	10.0	72659.0	-4721.2	1474	8.8	73503.5	-4715.9
1205	10.4	71127.8	-4715.9	1295	9.8	71832.4	-4741.3	1385	10.1	72703.0	-4703.9	1475	10.4	73510.0	-4741.2
1206	9.6	71130.8	-4729.7	1296	9.8	71841.4	-4729.9	1386	10.4	72726.5	-4740.5	1476	10.4	73512.0	-4726.8
1207	10.4	71131.3	-4709.6	1297	10.0	71841.4	-4713.1	1387	9.3	72728.8	-4759.9	1477	8.6	73518.0	-4741.3
1208	9.3	71136.8	-4755.5	1298	10.4	71851.4	-4716.9	1388	9.8	72749.5	-4751.3	1478	10.2	73524.5	-4711.4
1209	9.0	71142.3	-4735.9	1299	9.0	71910.4	-4728.6	1389	9.6	72756.0	-4750.9	1479	9.2	73525.0	-4728.9
1210	10.4	71220.8	-4740.7	1300	9.8	71910.4	-4720.4	1390	10.4	72757.0	-4705.9	1480	9.8	73530.0	-4706.1
1211	10.2	71225.8	-4724.7	1301	10.4	71912.9	-4712.7	1391	9.8	72800.5	-4736.7	1481	10.4	73543.0	-4704.6
1212	10.4	71230.8	-4714.5	1302	10.4	71920.9	-4711.1	1392	10.0	72808.0	-4746.6	1482	7.9	73552.5	-4715.6
1213	10.4	71233.3	-4753.1	1303	10.4	71925.4	-4723.5	1393	10.0	72809.5	-4714.7	1483	10.2	73554.5	-4704.4
1214	9.6	71236.3	-4715.7	1304	10.4	71928.9	-4730.0	1394	10.0	72809.5	-4754.3	1484	9.8	73555.0	-4752.0
1215	10.4	71238.3	-4759.2	1305	10.2	71932.9	-4707.2	1395	10.0	72810.5	-4707.1	1485	10.4	73559.6	-4735.1
1216	10.2	71238.8	-4749.3	1306	10.4	71936.4	-4733.4	1396	10.4	72811.0	-4744.1	1486	10.0	73601.5	-4756.3
1217	10.1	71240.3	-4752.4	1307	10.4	71943.4	-4723.9	1397	10.4	72819.0	-4743.6	1487	9.3	73602.0	-4714.4
1218	10.4	71241.3	-4752.9	1308	10.0	71950.9	-4704.3	1398	10.2	72831.5	-4710.3	1488	9.2	73602.5	-4702.0
1219	10.4	71242.2	-4730.4	1309	10.0	71952.4	-4743.1	1399	9.8	72839.5	-4728.9	1489	10.4	73609.6	-4739.9
1220	10.4	71249.3	-4736.0	1310	8.1	71952.4	-4757.4	1400	10.2	72848.5	-4729.7	1490	9.2	73613.9	-4723.1
1221	9.5	71254.8	-4741.3	1311	9.8	71954.4	-4749.3	1401	10.4	72849.5	-4728.8	1491	10.4	73614.0	-4713.6
1222	9.8	71258.8	-4742.8	1312	9.8	71958.9	-4712.1	1402	10.4	72855.0	-4705.1	1492	10.4	73620.2	-4739.9

1493	9.4	73620.5 -4735.6	1583	10.4	74435.8 -4722.2	1673	10.2	75144.3 -4704.5	1763	9.8	75657.8 -4713.7
1494	10.0	73621.5 -4750.1	1584	9.4	74440.8 -4735.8	1674	9.9	75151.8 -4712.8	1764	9.7	75701.8 -4708.1
1495	10.0	73628.0 -4747.8	1585	9.4	74442.3 -4706.0	1675	9.3	75202.8 -4742.6	1765	8.1	75704.8 -4727.9
1496	10.4	73628.5 -4732.5	1586	9.6	74444.3 -4746.0	1676	10.0	75215.8 -4744.8	1766	10.4	75709.3 -4717.3
1497	10.4	73637.2 -4701.7	1587	9.6	74447.3 -4747.2	1677	10.1	75219.5 -4702.2	1767	10.2	75710.3 -4727.1
1498	10.2	73638.5 -4718.0	1588	10.4	74450.3 -4745.0	1678	9.4	75225.3 -4729.9	1768	10.4	75713.3 -4712.4
1499	10.0	73639.5 -4712.2	1589	8.6	74453.3 -4743.2	1679	10.4	75226.8 -4700.6	1769	9.8	75715.8 -4708.2
1500	10.4	73657.6 -4754.1	1590	9.4	74511.8 -4735.0	1680	10.2	75229.3 -4721.8	1770	10.4	75721.8 -4712.9
1501	10.1	73702.5 -4723.7	1591	10.4	74512.3 -4744.6	1681	9.7	75230.3 -4719.9	1771	8.1	75724.8 -4707.7
1502	10.0	73706.0 -4710.0	1592	9.6	74524.3 -4742.7	1682	9.7	75231.8 -4728.6	1772	8.4	75727.8 -4700.4
1503	9.8	73709.0 -4714.8	1593	9.2	74533.3 -4757.8	1683	10.2	75234.3 -4735.2	1773	10.0	75727.8 -4750.1
1504	10.4	73718.9 -4744.9	1594	9.0	74534.3 -4722.5	1684	10.4	75234.3 -4758.9	1774	10.2	75731.8 -4748.0
1505	7.6	73723.7 -4732.3	1595	9.7	74536.8 -4735.8	1685	10.1	75235.8 -4712.2	1775	9.9	75740.3 -4741.3
1506	10.2	73729.8 -4731.0	1596	9.0	74542.8 -4720.9	1686	8.8	75236.8 -4754.8	1776	9.7	75745.3 -4734.3
1507	10.2	73730.3 -4705.3	1597	10.4	74543.8 -4718.0	1687	10.2	75236.8 -4718.4	1777	9.9	75753.8 -4731.9
1508	10.4	73736.8 -4701.2	1598	9.8	74550.3 -4708.4	1688	10.4	75249.8 -4741.8	1778	10.4	75757.8 -4707.1
1509	10.4	73739.3 -4729.8	1599	10.4	74550.8 -4733.0	1689	9.9	75250.3 -4732.8	1779	10.4	75759.8 -4722.4
1510	10.4	73756.8 -4736.9	1600	10.4	74553.3 -4741.0	1690	10.4	75250.3 -4740.0	1780	10.4	75807.3 -4708.9
1511	10.0	73814.3 -4755.6	1601	10.2	74556.3 -4733.3	1691	10.1	75255.3 -4726.6	1781	9.9	75807.3 -4724.4
1512	9.7	73815.8 -4740.7	1602	9.1	74602.8 -4705.4	1692	10.4	75259.1 -4757.1	1782	9.8	75813.3 -4740.7
1513	10.4	73839.8 -4728.8	1603	9.9	74604.8 -4730.6	1693	9.4	75301.3 -4738.3	1783	9.8	75815.3 -4727.9
1514	10.4	73845.3 -4727.8	1604	8.8	74605.8 -4753.0	1694	8.0	75301.8 -4708.0	1784	9.9	75818.3 -4747.9
1515	10.0	73901.2 -4759.9	1605	10.4	74630.3 -4717.0	1695	9.6	75308.8 -4717.5	1785	10.4	75820.3 -4721.0
1516	9.6	73911.3 -4733.5	1606	10.4	74634.8 -4754.0	1696	10.1	75310.3 -4720.9	1786	9.9	75825.3 -4749.0
1517	10.4	73915.3 -4734.2	1607	10.4	74635.3 -4747.2	1697	9.7	75313.3 -4716.0	1787	10.4	75825.8 -4705.1
1518	9.7	73922.3 -4733.2	1608	10.4	74636.3 -4712.6	1698	9.7	75315.8 -4744.0	1788	9.6	75828.3 -4733.1
1519	10.2	73933.3 -4701.9	1609	10.4	74642.3 -4735.2	1699	9.7	75316.3 -4747.6	1789	10.1	75831.8 -4700.1
1520	10.4	73938.8 -4723.8	1610	10.4	74652.3 -4725.6	1700	10.2	75317.3 -4724.4	1790	10.4	75834.3 -4754.2
1521	9.7	73941.8 -4737.8	1611	7.7	74653.8 -4758.3	1701	10.4	75318.3 -4758.2	1791	10.2	75836.3 -4717.1
1522	10.4	73942.8 -4725.6	1612	10.2	74706.3 -4706.8	1702	10.2	75324.3 -4739.8	1792	10.4	75847.8 -4717.9
1523	9.4	73948.3 -4747.9	1613	10.4	74712.3 -4709.2	1703	10.0	75325.3 -4711.4	1793	9.9	75854.3 -4721.9
1524	9.3	73954.3 -4754.0	1614	9.3	74718.8 -4754.2	1704	10.4	75328.3 -4701.9	1794	10.4	75855.8 -4711.9
1525	10.2	73954.9 -4758.4	1615	8.6	74721.8 -4737.0	1705	9.8	75328.8 -4753.2	1795	9.9	75909.8 -4755.2
1526	10.4	73956.8 -4755.0	1616	9.3	74721.8 -4705.0	1706	10.1	75328.8 -4731.2	1796	6.8	75912.8 -4758.5
1527	10.2	74011.8 -4737.9	1617	10.4	74727.8 -4730.2	1707	9.9	75331.8 -4709.9	1797	9.9	75915.3 -4729.5
1528	10.4	74021.8 -4702.1	1618	10.2	74741.8 -4731.2	1708	6.9	75337.8 -4733.2	1798	9.6	75918.3 -4709.4
1529	10.2	74032.1 -4758.4	1619	9.8	74744.3 -4752.9	1709	10.4	75338.8 -4718.8	1799	9.6	75918.8 -4734.4
1530	10.4	74032.3 -4749.4	1620	10.4	74746.8 -4738.0	1710	10.4	75340.3 -4743.4	1800	9.2	75940.8 -4745.2
1531	10.4	74037.8 -4747.9	1621	10.0	74751.3 -4703.7	1711	10.0	75349.3 -4734.4	1801	9.9	75945.8 -4747.4
1532	10.4	74040.3 -4742.8	1622	10.1	74751.8 -4721.8	1712	10.4	75350.3 -4722.5	1802	9.7	75947.8 -4728.7
1533	9.7	74040.8 -4719.4	1623	10.2	74754.8 -4725.6	1713	9.2	75350.8 -4741.4	1803	9.8	75952.3 -4749.4
1534	9.9	74041.3 -4726.6	1624	10.1	74759.8 -4704.7	1714	10.4	75353.3 -4735.0	1804	10.0	75955.8 -4742.6
1535	10.4	74042.3 -4741.1	1625	10.4	74811.0 -4701.0	1715	9.2	75356.8 -4703.0	1805	10.4	75958.3 -4751.2
1536	10.4	74046.8 -4727.9	1626	10.2	74816.8 -4722.2	1716	9.7	75413.5 -4757.4	1806	10.2	80003.8 -4747.2
1537	10.4	74051.8 -4728.5	1627	10.2	74819.3 -4754.2	1717	10.1	75416.7 -4751.2	1807	10.4	80009.8 -4706.9
1538	9.6	74054.3 -4705.1	1628	9.8	74821.3 -4728.6	1718	9.9	75418.8 -4737.2	1808	7.5	80010.3 -4727.7
1539	10.4	74054.3 -4709.3	1629	10.2	74827.8 -4712.4	1719	9.9	75419.3 -4754.5	1809	10.4	80016.8 -4705.2
1540	10.0	74109.8 -4741.0	1630	10.4	74829.8 -4723.2	1720	9.1	75422.3 -4736.2	1810	9.9	80017.3 -4736.5
1541	9.7	74131.8 -4740.4	1631	10.2	74831.8 -4708.2	1721	10.4	75430.3 -4759.3	1811	10.2	80019.3 -4703.5
1542	9.8	74133.8 -4723.4	1632	9.8	74840.8 -4718.8	1722	10.4	75431.3 -4711.2	1812	9.7	80021.8 -4719.0
1543	10.0	74136.8 -4735.8	1633	8.3	74842.3 -4704.2	1723	9.9	75439.8 -4704.5	1813	10.4	80023.3 -4706.8
1544	10.1	74141.8 -4726.3	1634	10.4	74852.1 -4703.3	1724	10.2	75441.8 -4754.6	1814	10.1	80024.8 -4751.1
1545	10.2	74150.3 -4740.2	1635	10.4	74857.3 -4756.6	1725	10.2	75444.3 -4754.8	1815	8.2	80030.3 -4739.2
1546	10.2	74152.3 -4705.4	1636	10.4	74859.9 -4700.4	1726	8.1	75444.3 -4703.2	1816	10.4	80031.8 -4706.9
1547	8.4	74155.3 -4716.8	1637	10.0	74900.8 -4731.8	1727	10.1	75446.8 -4729.7	1817	10.4	80032.3 -4742.3
1548	10.4	74159.8 -4718.8	1638	9.4	74901.8 -4739.6	1728	9.9	75451.3 -4744.8	1818	9.0	80033.3 -4725.7
1549	10.4	74200.3 -4754.0	1639	9.8	74901.8 -4732.4	1729	10.4	75455.8 -4720.4	1819	10.0	80034.3 -4722.1
1550	10.4	74208.3 -4702.4	1640	9.7	74901.8 -4740.8	1730	9.9	75456.8 -4709.4	1820	10.4	80036.8 -4742.9
1551	9.6	74213.3 -4748.4	1641	8.4	74905.3 -4742.4	1731	10.2	75458.3 -4705.4	1821	10.4	80041.8 -4713.0
1552	10.0	74218.3 -4751.1	1642	9.3	74932.8 -4717.5	1732	9.4	75500.3 -4731.6	1822	9.2	80045.3 -4754.7
1553	9.7	74219.8 -4719.8	1643	10.1	74937.9 -4757.8	1733	10.4	75501.8 -4706.2	1823	10.4	80045.3 -4741.3
1554	9.4	74226.8 -4727.2	1644	4.9	74938.3 -4746.8	1734	8.4	75503.3 -4748.0	1824	10.4	80051.8 -4704.2
1555	10.2	74232.8 -4739.0	1645	9.8	74938.3 -4744.5	1735	7.4	75505.8 -4720.5	1825	10.1	80053.3 -4717.6
1556	8.4	74233.3 -4723.0	1646	10.4	74945.3 -4759.7	1736	10.0	75521.8 -4700.0	1826	10.1	80056.3 -4703.9
1557	10.1	74238.3 -4745.0	1647	10.0	74945.3 -4700.0	1737	9.9	75525.3 -4740.0	1827	10.4	80057.3 -4735.5
1558	10.4	74238.3 -4706.4	1648	9.7	74955.3 -4741.0	1738	9.8	75528.3 -4733.0	1828	10.2	80058.3 -4704.1
1559	9.6	74244.3 -4753.8	1649	10.4	75001.8 -4726.7	1739	9.6	75538.0 -4758.8	1829	9.4	80105.3 -4715.8
1560	10.2	74245.8 -4758.0	1650	10.4	75009.8 -4702.7	1740	8.7	75542.3 -4757.5	1830	10.1	80108.3 -4720.7
1561	10.4	74248.3 -4756.2	1651	9.4	75020.8 -4720.0	1741	10.4	75546.8 -4715.5	1831	9.7	80109.8 -4755.1
1562	10.4	74257.3 -4705.1	1652	9.7	75028.3 -4754.2	1742	10.1	75550.8 -4745.2	1832	10.4	80110.3 -4721.7
1563	10.4	74302.8 -4730.4	1653	10.4	75033.3 -4729.4	1743	10.4	75552.3 -4726.7	1833	10.0	80119.3 -4712.9
1564	7.6	74306.8 -4748.3	1654	10.4	75040.3 -4740.2	1744	10.4	75559.8 -4724.8	1834	10.4	80124.8 -4729.5
1565	10.4	74316.8 -4712.0	1655	10.4	75041.6 -4758.4	1745	8.2	75600.3 -4756.2	1835	10.2	80134.3 -4739.1
1566	10.2	74328.3 -4732.8	1656	10.4	75041.8 -4708.2	1746	9.6	75602.8 -4727.6	1836	8.8	80135.8 -4746.0
1567	10.2	74328.8 -4755.0	1657	9.9	75046.3 -4724.5	1747	10.4	75607.3 -4702.2	1837	10.2	80135.8 -4739.9
1568	8.6	74331.8 -4751.7	1658	10.2	75050.8 -4702.4	1748	9.6	75609.8 -4724.4	1838	9.9	80137.3 -4745.1
1569	10.1	74339.6 -4704.8	1659	10.4	75056.3 -4745.6	1749	10.2	75611.8 -4707.6	1839	10.2	80140.7 -4750.0
1570	9.4	74343.3 -4739.9	1660	9.0	75100.8 -4710.0	1750	10.4	75618.3 -4737.4	1840	9.3	80152.7 -4758.0
1571	10.1	74347.8 -4723.0	1661	9.7	75100.8 -4707.4	1751	10.0	75621.3 -4744.9	1841	9.7	80154.2 -4740.9
1572	9.8	74349.8 -4745.6	1662	10.4	75106.8 -4711.2	1752	10.4	75621.8 -4703.6	1842	10.1	80156.2 -4732.9
1573	9.9	74350.3 -4709.6	1663	10.4	75111.7 -4702.4	1753	9.8	75621.8 -4712.5	1843	10.0	80157.7 -4703.0
1574	10.4	74354.3 -4738.8	1664	9.7	75111.8 -4711.4	1754	8.8	75621.8 -4745.5	1844	10.4	80218.2 -4743.9
1575	10.4	74400.8 -4743.0	1665	9.7	75113.8 -4756.0	1755	10.4	75626.3 -4740.8	1845	9.1	80219.2 -4754.7
1576	10.0	74401.8 -4714.3	1666	10.0	75116.8 -4712.2	1756	9.0	75630.3 -4726.1	1846	10.4	80220.7 -4711.0
1577	10.2	74404.3 -4713.9	1667	9.9	75118.3 -4747.4	1757	10.4	75634.8 -4711.4	1847	9.7	80231.7 -4747.5
1578	9.6	74407.8 -4733.2	1668	9.7	75118.8 -4750.1	1758	10.2	75636.3 -4755.6	1848	9.6	80231.7 -4747.1
1579	10.4	74409.3 -4703.0	1669	9.6	75126.3 -4713.6	1759	9.9	75646.8 -4701.8	1849	10.4	80235.7 -4712.0
1580	10.4	74418.3 -4719.9	1670	9.7	75133.3 -4756.2	1760	10.4	75650.8 -4739.9	1850	10.4	80239.7 -4739.5
1581	10.4	74426.8 -4753.4	1671	9.7	75134.3 -4745.8	1761	10.4	75654.8 -4736.4	1851	10.1	80240.2 -4735.6
1582	10.4	74429.3 -4753.2	1672	9.7	75135.6 -4758.8	1762	10.4	75657.3 -4716.9	1852	10.0	80244.2 -4719.5

-47 1853 8h02m

-47 2212 8h21m

1853	9.6	80244.2 -4733.1	1943	9.2	80658.7 -4712.8	2033	8.5	81237.7 -4726.6	2123	9.2	81709.1 -4700.1
1854	9.7	80245.2 -4725.2	1944	8.4	80700.2 -4719.7	2034	10.0	81241.2 -4754.9	2124	10.2	81709.5 -4746.1
1855	9.2	80249.2 -4726.8	1945	9.8	80705.2 -4745.0	2035	10.2	81243.7 -4750.9	2125	9.8	81710.2 -4756.0
1856	10.1	80251.7 -4751.7	1946	10.2	80705.7 -4757.8	2036	10.2	81248.7 -4706.1	2126	9.8	81713.2 -4729.6
1857	10.2	80252.6 -4725.3	1947	9.6	80706.2 -4753.1	2037	8.6	81249.7 -4740.3	2127	10.2	81716.7 -4712.8
1858	10.2	80300.2 -4754.7	1948	9.2	80706.7 -4707.0	2038	8.8	81310.2 -4702.1	2128	9.6	81718.2 -4743.7
1859	7.9	80301.7 -4712.0	1949	10.2	80707.7 -4758.9	2039	8.9	81311.2 -4751.7	2129	9.8	81720.2 -4746.9
1860	10.4	80302.2 -4749.6	1950	10.2	80708.2 -4736.8	2040	9.5	81313.7 -4756.6	2130	10.2	81725.2 -4723.2
1861	9.8	80303.5 -4700.4	1951	9.2	80717.2 -4733.9	2041	10.0	81313.7 -4739.0	2131	10.0	81733.7 -4754.7
1862	7.4	80318.2 -4726.0	1952	9.8	80723.7 -4719.7	2042	10.2	81314.7 -4738.8	2132	9.4	81736.7 -4738.9
1863	7.6	80320.2 -4749.7	1953	10.2	80731.7 -4721.6	2043	10.2	81316.7 -4726.3	2133	9.7	81736.7 -4725.2
1864	8.4	80321.7 -4734.2	1954	9.7	80733.2 -4708.0	2044	7.9	81320.2 -4716.7	2134	9.8	81737.2 -4747.4
1865	9.6	80322.7 -4735.7	1955	9.0	80740.2 -4736.5	2045	9.6	81322.7 -4745.1	2135	8.5	81748.7 -4713.9
1866	9.0	80324.2 -4756.0	1956	9.7	80743.7 -4750.4	2046	8.9	81322.7 -4720.7	2136	9.8	81749.2 -4755.1
1867	9.4	80330.7 -4740.6	1957	10.2	80744.5 -4728.2	2047	9.8	81322.7 -4729.3	2137	10.0	81759.6 -4755.8
1868	10.2	80331.7 -4737.8	1958	9.3	80745.2 -4738.0	2048	9.2	81323.7 -4718.0	2138	9.2	81801.2 -4741.3
1869	9.7	80342.2 -4700.6	1959	10.2	80746.2 -4741.1	2049	9.7	81326.2 -4703.0	2139	9.8	81803.2 -4738.9
1870	9.9	80343.2 -4736.6	1960	9.4	80747.7 -4740.8	2050	7.6	81328.7 -4731.8	2140	10.2	81817.2 -4745.0
1871	10.2	80344.2 -4728.1	1961	10.0	80751.2 -4730.7	2051	10.0	81333.4 -4732.1	2141	10.2	81817.2 -4728.0
1872	10.4	80345.2 -4723.1	1962	10.0	80804.4 -4741.7	2052	10.2	81334.2 -4743.9	2142	8.0	81818.7 -4722.9
1873	9.6	80347.8 -4758.4	1963	9.9	80807.7 -4727.1	2053	10.2	81339.2 -4729.6	2143	9.3	81822.7 -4718.1
1874	9.6	80355.2 -4747.4	1964	10.2	80810.2 -4749.7	2054	10.0	81339.7 -4735.5	2144	10.2	81828.7 -4754.8
1875	10.4	80357.2 -4722.4	1965	10.2	80813.2 -4735.5	2055	10.2	81340.7 -4727.1	2145	9.8	81830.2 -4702.7
1876	10.0	80358.2 -4751.3	1966	9.7	80815.2 -4749.0	2056	9.9	81351.7 -4710.9	2146	10.0	81830.2 -4751.7
1877	10.0	80402.7 -4749.3	1967	10.2	80822.7 -4726.1	2057	10.0	81354.2 -4722.6	2147	10.0	81830.2 -4748.2
1878	9.9	80406.2 -4704.7	1968	9.1	80824.2 -4723.8	2058	9.8	81359.2 -4758.2	2148	9.1	81831.2 -4730.9
1879	10.2	80407.2 -4700.4	1969	9.8	80826.7 -4711.1	2059	9.6	81405.6 -4701.2	2149	10.2	81832.7 -4725.6
1880	10.0	80407.7 -4751.9	1970	10.2	80833.4 -4711.8	2060	9.8	81410.2 -4717.2	2150	9.2	81836.2 -4713.5
1881	10.4	80407.7 -4758.3	1971	9.6	80836.2 -4741.0	2061	9.8	81416.7 -4718.2	2151	10.2	81836.2 -4759.5
1882	10.4	80408.2 -4743.2	1972	8.6	80837.2 -4710.8	2062	10.0	81420.2 -4723.2	2152	9.8	81842.2 -4716.0
1883	10.4	80411.7 -4723.6	1973	10.2	80839.0 -4758.6	2063	10.2	81423.2 -4759.1	2153	9.6	81844.7 -4715.1
1884	9.4	80414.7 -4700.4	1974	9.4	80842.2 -4710.8	2064	10.2	81423.7 -4755.8	2154	9.8	81846.2 -4724.1
1885	10.4	80415.2 -4702.8	1975	9.9	80842.2 -4740.5	2065	9.8	81423.7 -4738.2	2155	9.4	81848.7 -4756.8
1886	9.7	80416.7 -4701.9	1976	10.0	80842.7 -4740.7	2066	10.2	81436.7 -4744.4	2156	9.9	81849.2 -4724.2
1887	10.4	80417.0 -4751.9	1977	9.0	80843.7 -4709.6	2067	10.2	81439.7 -4711.0	2157	7.8	81849.2 -4748.5
1888	10.4	80418.2 -4717.6	1978	9.4	80846.2 -4756.1	2068	10.0	81442.7 -4756.2	2158	8.5	81850.2 -4747.8
1889	9.9	80420.4 -4734.0	1979	10.2	80849.2 -4732.7	2069	9.8	81444.2 -4712.1	2159	10.2	81850.2 -4708.3
1890	9.8	80422.7 -4708.4	1980	9.9	80850.2 -4750.4	2070	10.0	81446.2 -4749.2	2160	9.3	81850.6 -4740.2
1891	8.0	80424.9 -4721.7	1981	10.2	80901.7 -4748.8	2071	9.7	81447.7 -4726.5	2161	9.6	81850.7 -4715.0
1892	8.6	80428.4 -4729.6	1982	10.2	80902.4 -4738.9	2072	9.9	81450.7 -4712.5	2162	8.6	81851.2 -4744.9
1893	9.8	80429.9 -4723.1	1983	10.0	80903.2 -4742.1	2073	8.2	81452.2 -4721.9	2163	9.8	81852.2 -4733.3
1894	8.4	80434.0 -4719.1	1984	9.8	80909.7 -4717.3	2074	9.8	81453.2 -4706.1	2164	10.0	81854.7 -4757.9
1895	7.9	80437.2 -4714.2	1985	9.6	80917.5 -4759.7	2075	9.8	81456.7 -4726.1	2165	10.2	81902.7 -4738.7
1896	9.7	80440.0 -4701.7	1986	9.6	80917.7 -4745.2	2076	10.2	81459.2 -4729.9	2166	10.2	81904.2 -4749.2
1897	9.9	80443.6 -4757.2	1987	10.2	80921.2 -4718.6	2077	9.8	81513.7 -4723.6	2167	10.2	81921.2 -4757.7
1898	9.8	80444.7 -4758.2	1988	10.0	80927.2 -4708.8	2078	10.0	81514.4 -4749.0	2168	10.2	81921.7 -4755.0
1899	9.8	80447.2 -4705.9	1989	9.8	80933.2 -4721.6	2079	7.6	81515.2 -4748.2	2169	9.2	81923.7 -4751.8
1900	10.4	80447.5 -4741.7	1990	9.8	80936.7 -4708.1	2080	10.0	81516.2 -4751.8	2170	9.5	81924.0 -4758.9
1901	9.9	80450.2 -4753.2	1991	9.7	80942.2 -4709.9	2081	9.8	81524.7 -4747.8	2171	9.4	81924.5 -4756.5
1902	10.2	80450.7 -4747.5	1992	9.8	80947.7 -4702.0	2082	10.2	81524.7 -4742.0	2172	10.2	81927.7 -4702.9
1903	10.2	80502.0 -4735.0	1993	10.2	80952.7 -4705.1	2083	9.8	81525.2 -4714.8	2173	9.2	81928.7 -4707.7
1904	9.1	80508.4 -4727.5	1994	9.2	80953.7 -4723.7	2084	8.2	81526.4 -4740.5	2174	10.2	81939.2 -4730.6
1905	10.0	80508.4 -4734.4	1995	9.7	80956.7 -4736.4	2085	8.3	81527.2 -4747.0	2175	9.1	81942.2 -4749.7
1906	10.4	80511.7 -4706.7	1996	9.2	81003.2 -4709.8	2086	10.2	81527.7 -4738.8	2176	10.2	81943.7 -4725.0
1907	9.6	80511.7 -4729.6	1997	10.2	81004.2 -4734.0	2087	9.6	81529.7 -4732.4	2177	10.2	81946.8 -4700.9
1908	9.2	80515.2 -4719.0	1998	10.2	81006.2 -4757.4	2088	10.2	81534.2 -4756.1	2178	9.7	81952.7 -4713.5
1909	9.9	80517.7 -4734.8	1999	9.8	81012.2 -4727.3	2089	9.6	81537.7 -4753.8	2179	10.2	81955.2 -4706.6
1910	8.8	80518.5 -4716.1	2000	10.2	81023.7 -4703.0	2090	9.6	81538.7 -4753.0	2180	9.5	82001.7 -4717.9
1911	9.1	80519.7 -4729.0	2001	10.2	81025.7 -4741.8	2091	9.8	81540.7 -4747.9	2181	9.6	82002.2 -4729.2
1912	9.6	80521.7 -4754.1	2002	10.0	81033.7 -4747.8	2092	8.8	81541.2 -4731.4	2182	9.6	82002.2 -4700.4
1913	9.8	80522.2 -4754.9	2003	9.3	81033.7 -4715.2	2093	10.2	81541.7 -4748.5	2183	10.0	82003.7 -4752.4
1914	9.6	80529.2 -4725.9	2004	10.2	81035.6 -4701.1	2094	9.8	81546.7 -4739.2	2184	10.0	82006.6 -4700.1
1915	9.0	80533.2 -4701.3	2005	10.2	81038.2 -4740.2	2095	10.0	81549.7 -4737.0	2185	9.8	82007.7 -4731.2
1916	9.4	80542.7 -4736.1	2006	9.8	81040.7 -4743.0	2096	10.2	81550.5 -4723.0	2186	9.3	82008.7 -4717.2
1917	10.0	80552.7 -4721.5	2007	9.8	81048.7 -4701.4	2097	10.0	81552.2 -4737.9	2187	10.0	82010.7 -4751.2
1918	10.0	80552.7 -4759.3	2008	10.2	81052.2 -4704.8	2098	10.2	81553.7 -4712.2	2188	9.6	82022.2 -4722.0
1919	10.0	80555.7 -4732.0	2009	9.6	81056.2 -4709.1	2099	9.6	81554.2 -4731.9	2189	9.8	82024.2 -4714.2
1920	6.3	80556.2 -4734.2	2010	9.8	81056.2 -4745.9	2100	8.3	81603.2 -4717.1	2190	9.9	82024.2 -4745.3
1921	10.0	80559.7 -4710.0	2011	9.5	81100.2 -4755.7	2101	10.2	81604.1 -4701.5	2191	9.0	82030.7 -4707.7
1922	10.0	80603.2 -4706.5	2012	9.4	81105.2 -4713.5	2102	8.5	81608.2 -4702.1	2192	10.0	82030.7 -4747.0
1923	9.9	80605.7 -4732.7	2013	10.0	81120.2 -4734.0	2103	10.2	81609.2 -4720.9	2193	9.9	82031.2 -4703.9
1924	9.7	80606.2 -4739.5	2014	10.0	81122.2 -4735.0	2104	9.8	81612.2 -4743.6	2194	10.2	82031.2 -4747.9
1925	10.2	80611.2 -4720.4	2015	10.2	81124.2 -4748.7	2105	8.3	81612.3 -4759.7	2195	9.4	82033.7 -4744.0
1926	8.2	80613.2 -4726.9	2016	9.0	81137.2 -4712.8	2106	8.3	81613.7 -4715.9	2196	9.2	82036.7 -4721.8
1927	8.2	80615.0 -4758.0	2017	8.8	81138.7 -4704.8	2107	10.2	81620.7 -4723.0	2197	10.2	82044.2 -4707.3
1928	9.8	80616.2 -4714.9	2018	9.2	81139.2 -4709.1	2108	8.8	81623.7 -4734.4	2198	10.0	82047.7 -4706.2
1929	10.2	80619.7 -4728.0	2019	9.8	81143.7 -4726.5	2109	10.2	81628.2 -4702.6	2199	10.0	82048.2 -4700.3
1930	10.2	80623.7 -4736.0	2020	9.7	81144.7 -4713.6	2110	9.8	81630.7 -4735.4	2200	9.7	82049.7 -4747.5
1931	9.9	80626.7 -4743.0	2021	10.2	81148.7 -4717.6	2111	9.6	81633.2 -4748.3	2201	8.8	82051.1 -4703.0
1932	10.2	80629.2 -4748.0	2022	10.2	81154.7 -4725.9	2112	8.9	81633.7 -4714.3	2202	9.8	82051.2 -4706.9
1933	9.9	80631.7 -4744.9	2023	9.2	81155.2 -4757.7	2113	10.0	81634.7 -4733.2	2203	10.2	82055.9 -4702.4
1934	10.2	80635.2 -4749.1	2024	10.0	81200.2 -4712.0	2114	10.2	81640.2 -4736.4	2204	9.2	82057.7 -4717.9
1935	8.3	80636.2 -4741.7	2025	8.7	81202.2 -4725.4	2115	9.6	81641.2 -4716.4	2205	9.8	82104.7 -4739.8
1936	8.8	80645.7 -4749.0	2026	8.2	81202.2 -4709.4	2116	9.7	81648.7 -4749.3	2206	10.2	82112.2 -4739.4
1937	10.2	80646.7 -4701.5	2027	10.2	81214.7 -4750.9	2117	9.6	81648.7 -4720.0	2207	9.6	82115.7 -4723.9
1938	9.6	80653.7 -4717.6	2028	9.9	81218.2 -4708.8	2118	9.6	81653.5 -4707.1	2208	10.0	82124.2 -4720.0
1939	9.6	80655.2 -4731.2	2029	10.2	81219.2 -4754.0	2119	9.9	81654.7 -4730.4	2209	9.9	82129.7 -4712.2
1940	9.6	80655.7 -4706.4	2030	9.8	81221.2 -4740.8	2120	10.2	81659.7 -4705.9	2210	10.2	82131.7 -4739.2
1941	10.2	80657.7 -4706.9	2031	8.7	81221.2 -4705.4	2121	9.8	81702.2 -4714.4	2211	9.5	82132.7 -4708.1
1942	10.2	80658.2 -4705.2	2032	9.2	81225.2 -4711.0	2122	10.0	81705.2 -4736.6	2212	9.9	82140.0 -4724.2

-47 2213 8h21m

-47 2572 8h38m

2213	9.5	82141.0	-4707.8	2303	8.8	82528.0	-4723.1	2393	10.0	82929.5	-4715.0
2214	10.0	82141.5	-4704.9	2304	9.8	82528.5	-4731.9	2394	8.8	82933.5	-4728.0
2215	10.2	82142.0	-4732.9	2305	9.7	82532.0	-4722.1	2395	9.2	82938.5	-4704.9
2216	9.9	82142.5	-4741.6	2306	9.9	82536.0	-4741.6	2396	9.8	82940.0	-4725.0
2217	10.0	82153.0	-4717.2	2307	10.0	82537.5	-4731.9	2397	10.2	82947.0	-4718.1
2218	8.8	82156.0	-4721.1	2308	10.0	82540.0	-4710.7	2398	9.8	82950.5	-4726.8
2219	10.2	82157.5	-4728.9	2309	9.1	82541.0	-4730.7	2399	9.5	82951.0	-4725.8
2220	9.3	82158.0	-4753.5	2310	9.8	82544.5	-4720.7	2400	9.4	82952.5	-4750.9
2221	9.7	82158.5	-4740.6	2311	9.8	82544.5	-4740.2	2401	9.9	83002.5	-4746.8
2222	10.0	82158.5	-4708.8	2312	10.2	82546.0	-4723.6	2402	9.8	83002.5	-4723.5
2223	9.4	82200.7	-4702.7	2313	10.2	82546.0	-4723.0	2403	9.7	83005.0	-4725.6
2224	10.2	82201.0	-4704.6	2314	7.8	82546.5	-4736.4	2404	10.2	83008.5	-4704.4
2225	9.6	82201.0	-4757.2	2315	10.0	82548.5	-4750.9	2405	9.8	83012.0	-4728.3
2226	9.8	82204.7	-4700.5	2316	10.0	82549.5	-4724.3	2406	9.8	83014.5	-4713.1
2227	9.7	82205.0	-4742.9	2317	10.0	82550.0	-4748.7	2407	9.3	83015.0	-4734.9
2228	9.8	82206.5	-4749.2	2318	9.8	82553.5	-4706.3	2408	10.2	83016.0	-4704.1
2229	10.0	82207.0	-4740.5	2319	9.9	82556.0	-4700.6	2409	10.2	83017.5	-4717.1
2230	9.6	82209.0	-4747.3	2320	10.0	82558.5	-4714.0	2410	9.2	83040.5	-4739.8
2231	9.5	82210.0	-4711.9	2321	10.0	82559.0	-4705.2	2411	9.7	83042.5	-4720.0
2232	10.2	82217.5	-4733.7	2322	9.4	82601.5	-4717.9	2412	9.8	83043.5	-4728.4
2233	10.2	82224.5	-4743.2	2323	9.4	82603.5	-4718.0	2413	10.2	83058.5	-4713.8
2234	7.8	82228.5	-4741.4	2324	10.2	82606.5	-4708.3	2414	9.8	83102.0	-4738.0
2235	9.2	82230.5	-4723.9	2325	9.6	82607.0	-4710.7	2415	9.9	83106.0	-4711.8
2236	8.8	82233.0	-4746.5	2326	9.8	82608.5	-4731.6	2416	9.6	83112.0	-4706.1
2237	10.2	82234.0	-4728.0	2327	9.6	82614.3	-4759.3	2417	9.7	83113.5	-4711.5
2238	8.9	82241.7	-4759.4	2328	9.2	82618.5	-4714.8	2418	8.3	83116.0	-4731.8
2239	10.0	82244.5	-4756.2	2329	10.2	82627.0	-4723.4	2419	10.2	83118.5	-4709.5
2240	8.6	82247.0	-4701.8	2330	10.2	82628.5	-4722.6	2420	9.2	83119.0	-4725.7
2241	10.0	82249.0	-4725.4	2331	10.0	82633.0	-4702.5	2421	9.8	83119.5	-4728.7
2242	10.0	82249.5	-4732.6	2332	10.2	82636.0	-4702.9	2422	9.8	83121.5	-4710.0
2243	9.6	82250.0	-4718.9	2333	10.2	82637.0	-4701.1	2423	7.8	83124.3	-4708.4
2244	9.8	82256.0	-4738.6	2334	10.2	82637.7	-4747.5	2424	10.2	83128.9	-4701.1
2245	8.6	82257.5	-4749.0	2335	10.2	82638.7	-4721.1	2425	9.8	83146.6	-4715.1
2246	10.2	82259.5	-4749.5	2336	9.8	82639.0	-4752.2	2426	10.0	83147.1	-4711.2
2247	9.8	82301.0	-4741.1	2337	9.6	82642.5	-4718.6	2427	8.5	83151.0	-4724.8
2248	9.8	82306.0	-4741.2	2338	9.2	82643.5	-4749.1	2428	9.6	83200.5	-4725.0
2249	9.0	82311.5	-4739.7	2339	9.8	82649.5	-4743.0	2429	9.8	83201.4	-4746.8
2250	8.0	82318.5	-4723.3	2340	10.0	82649.7	-4738.3	2430	9.7	83204.5	-4741.2
2251	9.9	82321.5	-4734.1	2341	10.0	82650.5	-4728.3	2431	9.2	83210.1	-4728.8
2252	9.8	82322.5	-4724.2	2342	10.2	82658.5	-4732.3	2432	10.2	83214.9	-4700.4
2253	9.2	82329.0	-4730.2	2343	9.9	82704.5	-4732.5	2433	9.4	83215.0	-4735.9
2254	8.4	82331.0	-4718.9	2344	9.0	82706.0	-4740.1	2434	9.8	83216.2	-4759.9
2255	10.0	82331.0	-4709.9	2345	9.6	82707.5	-4738.9	2435	10.2	83217.0	-4753.2
2256	9.8	82332.5	-4710.2	2346	10.2	82710.5	-4711.2	2436	9.8	83219.5	-4754.4
2257	9.8	82342.0	-4711.7	2347	8.8	82712.0	-4714.7	2437	10.2	83221.6	-4712.7
2258	10.2	82342.0	-4756.9	2348	7.3	82712.5	-4726.6	2438	9.5	83223.1	-4734.2
2259	10.2	82348.0	-4755.7	2349	10.2	82714.0	-4734.6	2439	8.8	83224.5	-4709.9
2260	8.3	82350.0	-4715.7	2350	9.8	82721.0	-4733.6	2440	9.6	83232.6	-4701.1
2261	9.8	82350.5	-4755.2	2351	8.4	82722.0	-4701.5	2441	9.8	83232.6	-4720.1
2262	9.6	82352.0	-4723.2	2352	9.7	82725.5	-4735.8	2442	10.2	83234.8	-4704.5
2263	10.0	82352.0	-4742.8	2353	9.5	82730.0	-4711.2	2443	7.8	83238.6	-4703.9
2264	9.6	82358.0	-4721.0	2354	10.2	82731.5	-4703.9	2444	7.6	83242.7	-4733.7
2265	9.5	82400.0	-4715.4	2355	8.3	82732.5	-4729.4	2445	10.2	83246.7	-4714.0
2266	9.6	82406.0	-4746.5	2356	10.2	82736.0	-4704.2	2446	9.3	83247.7	-4752.9
2267	9.7	82407.5	-4750.0	2357	10.0	82741.5	-4739.8	2447	10.0	83247.7	-4737.4
2268	8.4	82413.5	-4715.5	2358	9.6	82743.5	-4703.2	2448	10.0	83249.2	-4737.6
2269	9.8	82415.5	-4724.4	2359	8.4	82744.0	-4723.4	2449	9.8	83254.2	-4755.0
2270	10.2	82416.5	-4723.5	2360	10.2	82746.5	-4756.1	2450	10.1	83300.7	-4752.9
2271	9.8	82417.5	-4702.7	2361	9.6	82750.0	-4722.7	2451	9.8	83302.2	-4743.9
2272	9.9	82418.5	-4723.9	2362	9.8	82751.5	-4721.5	2452	9.6	83305.7	-4739.8
2273	10.2	82418.5	-4746.9	2363	9.7	82756.0	-4700.0	2453	9.6	83315.7	-4723.1
2274	9.8	82419.5	-4737.1	2364	10.2	82810.5	-4701.9	2454	8.6	83318.2	-4733.2
2275	9.8	82420.0	-4710.1	2365	8.2	82815.0	-4750.9	2455	9.8	83322.2	-4748.1
2276	9.8	82422.0	-4732.7	2366	10.2	82815.5	-4710.1	2456	10.0	83329.2	-4738.6
2277	10.2	82427.5	-4756.2	2367	10.2	82818.5	-4759.9	2457	10.2	83333.7	-4703.6
2278	10.0	82430.0	-4711.8	2368	9.8	82824.0	-4713.6	2458	9.8	83334.7	-4707.4
2279	9.5	82430.0	-4734.3	2369	10.2	82825.5	-4747.8	2459	9.8	83336.7	-4744.9
2280	9.8	82432.0	-4725.3	2370	9.2	82827.5	-4746.2	2460	9.5	83337.2	-4728.0
2281	8.6	82432.9	-4701.6	2371	10.2	82829.5	-4721.5	2461	10.2	83337.7	-4716.9
2282	10.2	82436.3	-4719.2	2372	10.2	82830.0	-4722.6	2462	9.2	83338.2	-4717.5
2283	10.2	82439.5	-4740.4	2373	8.9	82833.0	-4717.8	2463	9.3	83342.2	-4746.9
2284	9.6	82444.5	-4726.4	2374	8.8	82833.5	-4746.0	2464	10.2	83347.2	-4742.2
2285	9.8	82446.0	-4702.1	2375	9.8	82838.0	-4757.0	2465	9.8	83348.7	-4710.6
2286	10.2	82449.0	-4754.2	2376	9.8	82838.	-4718.5	2466	10.2	83351.6	-4730.3
2287	9.6	82451.5	-4726.3	2377	9.2	82843.5	-4715.6	2467	10.2	83352.7	-4721.0
2288	9.8	82453.5	-4720.9	2378	9.6	82845.0	-4725.5	2468	9.6	83400.2	-4734.6
2289	7.8	82457.0	-4746.4	2379	9.4	82849.0	-4731.9	2469	9.8	83400.2	-4714.9
2290	9.6	82458.5	-4728.1	2380	7.6	82853.5	-4710.7	2470	9.8	83403.7	-4714.5
2291	9.8	82459.0	-4752.3	2381	10.0	82855.0	-4735.4	2471	9.1	83406.7	-4721.9
2292	9.7	82500.5	-4759.3	2382	9.8	82900.5	-4708.7	2472	10.2	83412.7	-4712.4
2293	10.0	82501.5	-4727.9	2383	9.8	82902.0	-4707.8	2473	9.6	83418.2	-4735.8
2294	9.8	82502.5	-4718.4	2384	8.6	82906.0	-4759.4	2474	10.2	83421.2	-4728.1
2295	8.4	82506.0	-4737.2	2385	9.9	82912.0	-4737.2	2475	10.0	83428.2	-4742.8
2296	6.4	82509.0	-4730.7	2386	9.8	82913.5	-4753.3	2476	10.2	83428.5	-4701.0
2297	9.5	82511.5	-4739.0	2387	10.2	82914.5	-4703.2	2477	10.2	83430.2	-4707.9
2298	10.0	82513.0	-4703.8	2388	9.8	82915.5	-4725.0	2478	9.8	83430.7	-4731.7
2299	10.2	82519.0	-4745.2	2389	10.0	82918.1	-4758.9	2479	9.0	83432.2	-4726.8
2300	9.6	82521.0	-4732.0	2390	10.2	82921.0	-4702.0	2480	10.1	83432.2	-4713.0
2301	9.6	82522.5	-4732.1	2391	10.2	82922.3	-4741.9	2481	9.8	83435.2	-4708.3
2302	10.0	82522.5	-4733.7	2392	9.8	82928.8	-4756.9	2482	10.0	83435.7	-4725.5
2483	8.9	83440.2	-4720.9								
2484	10.0	83444.2	-4745.3								
2485	9.2	83451.2	-4759.1								
2486	10.0	83451.7	-4752.5								
2487	10.2	83454.2	-4726.8								
2488	10.2	83458.7	-4709.9								
2489	10.0	83459.2	-4747.5								
2490	10.0	83506.7	-4733.1								
2491	10.2	83517.2	-4712.1								
2492	10.1	83519.7	-4718.2								
2493	9.4	83519.7	-4715.2								
2494	9.6	83520.2	-4704.7								
2495	9.8	83520.2	-4734.6								
2496	9.8	83520.2	-4736.6								
2497	10.0	83521.7	-4736.7								
2498	9.4	83522.2	-4729.1								
2499	10.0	83526.7	-4707.4								
2500	9.8	83541.2	-4722.8								
2501	9.8	83541.7	-4734.0								
2502	10.2	83547.2	-4712.5								
2503	10.0	83557.7	-4724.8								
2504	9.8	83558.7	-4728.5								
2505	9.6	83559.2	-4735.0								
2506	10.2	83602.7	-4725.4								
2507	8.6	83603.2	-4718.2								
2508	9.6	83605.2	-4730.0								
2509	9.2	83608.7	-4738.2								
2510	9.8	83608.7	-4741.4								
2511	9.6	83610.7	-4700.8								
2512	10.0	83611.2	-4722.0								
2513	9.6	83615.7	-4735.9								
2514	10.0	83621.2	-4712.3								
2515	9.5	83622.7	-4717.5								
2516	10.0	83623.7	-4702.1								
2517	10.0	83626.7	-4717.8								
2518	10.2	83628.2	-4707.2								
2519	10.1	83629.7	-4720.1								
2520	9.8	83631.7	-4753.5								
2521	9.8	83639.7	-4731.9								
2522	10.1	83641.2	-4717.2								
2523	10.2	83644.2	-4731.0								
2524	8.8	83645.7	-4746.0								
2525	10.2	83646.2	-4735.0								
2526	9.8	83647.7	-4747.6								
2527	7.4	83651.7	-4746.7								
2528	10.2	83653.6	-4701.8								
2529	9.8	83656.7	-4720.4								
2530	8.6	83658.5	-4701.1								
2531	7.8	83659.2	-4737.3								
2532	10.1	83659.2	-4746.0								
2533	8.7	83700.7	-4755.0								
2534	10.0	83701.2	-4720.5								
2535	10.1	83709.2	-4748.1								
2536	10.0	83709.7	-4744.0								
2537	8.6	83711.2	-4707.8								
2538	10.1	83715.7	-4743.4								
2539	10.2	83716.2	-4706.1								
2540	8.7	83717.7	-4735.8								
2541	9.6	83717.7	-4712.2								
2542	9.6	83720.2	-4743.1								
2543	9.1	83727.7	-4731.9								
2544	9.4	83728.2	-4704.6								
2545	8.7	83730.7	-4734.7								
2546	9.8	83732.2	-4731.1								
2547	9.8	83733.2	-4737.6								
2548	9.3	83733.7	-4700.2								
2549	9.8	83734.2	-4729.0								
2550	9.8	83735.7	-4708.6								
2551	10.0	83738.0	-4757.1								
2552	9.8	83738.7	-4743.2								
2553	9.8	83739.2	-4740.0								
2554	9.4	83742.7	-4740.1								
2555	10.2	83743.2	-4742.8								
2556	10.1	83745.7	-4706.8								
2557	9.6	83746.7	-4707.5								
2558	8.6	83750.7	-4718.4								
2559	10.1	83751.7	-4715.9								
2560	8.8	83751.7	-4725.4								
2561	9.8	83751.7	-4750.6								
2562	9.8	83752.2	-4722.6								
2563	9.8	83753.2	-4742.4								
2564	9.8	83755.7	-4734.5								
2565	8.7	83756.2	-4713.2								
2566	9.2	83756.2	-4721.4								
2567	9.8	83757.7	-4724.2								
2568	9.6	83802.2	-4717.4								
2569	10.1	83803.2	-4745.0								
2570	9.8	83804.2	-4701.6								
2571	9.2	83804.2	-4728.7								
2572	7.9	83806.2	-4747.8								

-47 2573 8h38m

-47 2932 8h51m

2573	9.5	83809.2	-4739.7	2663	9.8	84100.7	-4744.9	2753	9.6	84444.7	-4738.0
2574	9.6	83810.2	-4751.2	2664	9.8	84107.2	-4710.3	2754	10.1	84450.2	-4711.6
2575	10.2	83811.2	-4756.8	2665	9.6	84110.2	-4733.8	2755	9.6	84450.2	-4721.7
2576	9.8	83811.7	-4740.1	2666	10.2	84111.7	-4710.9	2756	9.5	84454.2	-4733.2
2577	9.8	83812.7	-4737.4	2667	10.1	84112.7	-4726.2	2757	10.2	84456.7	-4735.6
2578	6.2	83814.2	-4739.0	2668	9.4	84114.7	-4742.5	2758	10.2	84458.2	-4712.8
2579	9.6	83814.2	-4711.6	2669	10.2	84115.2	-4734.9	2759	9.0	84459.7	-4712.7
2580	9.4	83815.2	-4737.0	2670	10.0	84119.7	-4731.0	2760	10.2	84500.7	-4720.8
2581	9.8	83816.7	-4713.6	2671	9.2	84120.7	-4719.9	2761	10.2	84510.7	-4729.2
2582	9.8	83818.7	-4756.0	2672	9.6	84124.2	-4703.0	2762	10.0	84510.7	-4735.8
2583	10.2	83819.7	-4703.5	2673	10.2	84126.7	-4757.3	2763	9.8	84511.7	-4739.8
2584	10.2	83819.7	-4736.0	2674	10.1	84126.7	-4700.6	2764	10.0	84514.2	-4709.2
2585	9.2	83821.2	-4745.2	2675	10.1	84132.2	-4733.5	2765	8.0	84515.5	-4701.6
2586	7.5	83822.2	-4704.2	2676	9.8	84135.2	-4702.6	2766	10.2	84516.0	-4700.5
2587	10.2	83823.7	-4726.2	2677	10.2	84135.7	-4724.8	2767	9.4	84516.2	-4735.6
2588	10.2	83825.7	-4716.4	2678	8.0	84135.7	-4728.4	2768	9.8	84519.2	-4751.8
2589	9.3	83830.2	-4715.2	2679	10.1	84136.2	-4701.0	2769	10.2	84521.7	-4709.9
2590	20.0	83830.7	-4743.5	2680	9.2	84138.7	-4726.4	2770	8.8	84523.2	-4742.6
2591	9.6	83831.2	-4728.9	2681	9.2	84141.2	-4721.1	2771	8.8	84524.2	-4752.8
2592	7.6	83832.2	-4742.8	2682	8.6	84148.2	-4707.2	2772	10.2	84524.7	-4744.7
2593	8.0	83833.7	-4737.6	2683	10.1	84152.2	-4717.2	2773	9.8	84524.7	-4718.7
2594	9.5	83833.7	-4738.2	2684	10.2	84153.7	-4745.9	2774	9.8	84526.7	-4723.2
2595	9.8	83834.2	-4741.4	2685	9.6	84154.7	-4748.2	2775	9.4	84528.2	-4731.4
2596	9.8	83838.2	-4741.6	2686	10.2	84156.2	-4747.0	2776	10.2	84532.2	-4708.4
2597	9.6	83839.2	-4738.4	2687	10.2	84157.7	-4710.1	2777	10.1	84534.2	-4743.6
2598	9.8	83840.2	-4739.5	2688	10.2	84208.2	-4723.5	2778	9.3	84535.7	-4719.6
2599	9.8	83840.7	-4741.0	2689	10.2	84208.7	-4711.9	2779	9.8	84537.7	-4706.2
2600	10.2	83842.2	-4739.6	2690	8.8	84211.7	-4700.8	2780	10.2	84538.2	-4705.3
2601	8.8	83843.2	-4738.4	2691	7.8	84211.7	-4705.7	2781	10.0	84538.7	-4711.4
2602	7.8	83846.2	-4746.7	2692	9.8	84216.7	-4712.0	2782	9.2	84540.2	-4727.4
2603	9.8	83850.2	-4716.0	2693	8.6	84216.7	-4727.2	2783	10.0	84541.7	-4711.0
2604	10.1	83850.7	-4723.0	2694	10.2	84227.2	-4702.0	2784	9.2	84543.2	-4713.2
2605	8.2	83850.7	-4740.8	2695	9.8	84227.7	-4714.0	2785	9.5	84544.2	-4754.1
2606	10.0	83853.2	-4725.9	2696	10.2	84230.2	-4705.2	2786	9.2	84544.7	-4715.2
2607	8.6	83854.2	-4740.2	2697	8.6	84234.2	-4752.9	2787	8.9	84546.2	-4710.1
2608	9.2	83858.2	-4746.2	2698	10.1	84238.7	-4726.7	2788	9.8	84546.2	-4733.0
2609	8.6	83859.7	-4711.6	2699	9.8	84241.7	-4757.0	2789	9.1	84547.7	-4735.7
2610	10.0	83901.0	-4700.2	2700	10.2	84242.2	-4703.7	2790	8.6	84551.7	-4703.2
2611	8.4	83901.7	-4744.0	2701	10.2	84245.7	-4725.0	2791	10.2	84554.6	-4704.0
2612	8.4	83901.7	-4714.2	2702	10.1	84250.2	-4753.0	2792	10.2	84600.2	-4745.0
2613	10.2	83902.2	-4745.0	2703	10.1	84250.2	-4731.7	2793	10.2	84600.7	-4744.8
2614	9.6	83904.2	-4717.7	2704	10.1	84250.7	-4718.3	2794	10.1	84602.7	-4723.6
2615	9.8	83904.7	-4725.9	2705	10.2	84251.2	-4717.0	2795	9.8	84604.2	-4744.6
2616	8.8	83909.2	-4738.9	2706	8.6	84252.7	-4722.2	2796	10.2	84608.2	-4728.4
2617	9.4	83910.7	-4726.2	2707	10.1	84256.7	-4723.0	2797	10.0	84608.2	-4706.9
2618	7.8	83912.2	-4721.4	2708	9.8	84257.7	-4710.4	2798	10.1	84609.2	-4700.7
2619	10.2	83912.2	-4706.1	2709	10.0	84258.2	-4734.5	2799	9.8	84610.7	-4703.8
2620	10.2	83914.7	-4722.4	2710	9.3	84258.7	-4749.2	2800	9.6	84615.7	-4705.9
2621	8.3	83917.2	-4753.8	2711	10.1	84258.7	-4717.3	2801	8.5	84617.7	-4719.5
2622	9.8	83918.7	-4714.0	2712	10.2	84300.7	-4703.6	2802	10.2	84617.7	-4735.9
2623	10.1	83921.7	-4718.6	2713	10.2	84302.7	-4703.3	2803	10.2	84619.7	-4729.1
2624	9.5	83922.7	-4706.5	2714	8.8	84306.7	-4726.8	2804	10.2	84620.7	-4759.5
2625	10.2	83924.7	-4709.4	2715	9.6	84307.7	-4716.1	2805	10.2	84621.7	-4737.6
2626	10.0	83924.7	-4754.4	2716	9.6	84308.2	-4733.5	2806	9.8	84623.7	-4718.4
2627	9.6	83925.7	-4735.9	2717	9.6	84308.2	-4728.8	2807	10.1	84631.7	-4712.8
2628	10.0	83926.2	-4713.2	2718	9.6	84308.7	-4705.1	2808	10.1	84631.9	-4700.0
2629	10.0	83926.7	-4742.8	2719	10.2	84310.6	-4737.3	2809	9.6	84632.7	-4709.0
2630	9.9	83928.2	-4733.1	2720	8.6	84311.7	-4723.6	2810	10.2	84635.4	-4742.2
2631	9.4	83937.7	-4723.5	2721	9.0	84311.7	-4739.4	2811	9.8	84636.7	-4738.4
2632	10.0	83938.2	-4748.7	2722	10.0	84324.2	-4758.3	2812	10.2	84639.2	-4756.6
2633	9.8	83940.2	-4742.0	2723	10.0	84328.2	-4744.2	2813	10.1	84643.7	-4730.0
2634	10.2	83943.7	-4724.1	2724	10.2	84328.7	-4720.3	2814	9.6	84645.2	-4707.8
2635	9.8	83945.7	-4731.3	2725	10.0	84329.2	-4729.6	2815	8.4	84646.7	-4724.8
2636	10.2	83947.4	-4740.2	2726	10.0	84330.2	-4742.0	2816	10.0	84649.2	-4718.9
2637	10.0	83955.2	-4706.0	2727	9.0	84348.2	-4714.1	2817	8.8	84650.2	-4723.9
2638	10.0	83959.2	-4717.8	2728	9.2	84350.2	-4733.0	2818	10.2	84653.7	-4750.2
2639	10.0	84000.7	-4749.5	2729	9.6	84350.5	-4756.5	2819	10.2	84656.4	-4740.2
2640	10.0	84003.2	-4734.1	2730	9.8	84351.2	-4724.2	2820	9.2	84658.2	-4746.6
2641	10.2	84004.7	-4737.0	2731	9.8	84355.2	-4717.2	2821	9.8	84702.7	-4741.2
2642	9.6	84009.2	-4728.4	2732	10.0	84359.2	-4724.5	2822	10.2	84709.7	-4715.4
2643	10.2	84010.4	-4720.6	2733	10.0	84402.2	-4711.2	2823	9.8	84712.7	-4742.4
2644	10.1	84013.2	-4711.0	2734	10.2	84408.7	-4725.3	2824	9.4	84712.7	-4712.6
2645	10.0	84016.2	-4725.8	2735	10.2	84410.2	-4726.5	2825	10.2	84717.2	-4704.5
2646	10.0	84016.7	-4743.9	2736	9.6	84413.2	-4751.6	2826	9.8	84717.7	-4733.6
2647	10.2	84017.7	-4702.4	2737	10.0	84413.7	-4745.2	2827	10.2	84718.2	-4723.6
2648	9.5	84018.2	-4732.2	2738	10.2	84415.2	-4701.3	2828	10.0	84718.2	-4707.2
2649	9.8	84021.7	-4736.2	2739	9.6	84416.7	-4727.2	2829	10.2	84722.2	-4711.6
2650	9.4	84021.7	-4745.9	2740	10.2	84418.2	-4710.2	2830	8.7	84723.2	-4706.2
2651	8.4	84023.2	-4755.9	2741	9.6	84419.2	-4721.6	2831	10.2	84724.7	-4741.0
2652	8.6	84027.2	-4732.0	2742	8.2	84420.7	-4704.4	2832	10.2	84728.2	-4741.4
2653	10.2	84035.2	-4729.0	2743	9.6	84421.7	-4710.6	2833	10.0	84728.7	-4705.0
2654	9.2	84036.7	-4730.9	2744	10.2	84421.7	-4742.2	2834	9.6	84731.7	-4749.8
2655	10.1	84038.2	-4730.2	2745	10.2	84421.7	-4754.0	2835	10.2	84732.2	-4710.4
2656	10.0	84038.9	-4756.9	2746	9.6	84427.2	-4721.2	2836	9.6	84735.2	-4725.2
2657	10.0	84041.2	-4714.0	2747	10.2	84428.2	-4746.8	2837	10.2	84737.2	-4742.8
2658	9.6	84042.2	-4710.2	2748	8.3	84429.2	-4719.0	2838	9.8	84737.7	-4737.0
2659	10.1	84043.7	-4739.3	2749	9.8	84436.2	-4717.0	2839	10.2	84738.2	-4742.7
2660	9.6	84047.2	-4736.0	2750	8.1	84437.7	-4718.0	2840	9.6	84739.2	-4714.0
2661	9.6	84047.7	-4747.1	2751	9.8	84441.7	-4728.5	2841	9.6	84741.2	-4700.0
2662	9.6	84052.7	-4731.6	2752	9.6	84444.2	-4714.4	2842	9.6	84742.2	-4706.0
2843	10.2	84748.7	-4701.8
2844	9.8	84751.2	-4712.6
2845	9.5	84751.7	-4751.6
2846	9.8	84751.7	-4724.0
2847	10.2	84759.2	-4722.9
2848	10.1	84804.7	-4749.2
2849	10.0	84805.2	-4723.0
2850	10.2	84806.7	-4700.4
2851	9.8	84814.2	-4708.1
2852	10.1	84816.2	-4757.3
2853	10.2	84816.7	-4753.9
2854	10.1	84817.7	-4710.4
2855	9.8	84823.7	-4706.2
2856	10.2	84827.2	-4721.6
2857	9.2	84829.2	-4706.1
2858	6.6	84831.7	-4753.3
2859	10.1	84833.7	-4721.6
2860	9.8	84834.7	-4725.1
2861	9.5	84838.2	-4717.6
2862	10.2	84838.2	-4707.5
2863	10.2	84839.2	-4732.2
2864	10.1	84843.2	-4746.1
2865	10.2	84844.7	-4711.5
2866	9.8	84847.7	-4709.4
2867	9.8	84848.2	-4756.2
2868	10.0	84851.7	-4713.0
2869	9.8	84852.7	-4717.5
2870	9.8	84856.2	-4739.2
2871	9.8	84907.7	-4703.6
2872	9.6	84908.2	-4744.8
2873	9.6	84908.4	-4700.0
2874	10.2	84913.7	-4722.3
2875	10.2	84914.2	-4706.1
2876	8.7	84917.2	-4702.8
2877	10.2	84919.2	-4732.2
2878	9.8	84920.2	-4708.0
2879	10.2	84920.2	-4712.5
2880	10.2	84920.2	-4756.2
2881	9.2	84923.2	-4755.7
2882	10.0	84925.2	-4719.5
2883	10.2	84927.2	-4739.3
2884	10.2	84929.2	-4725.9
2885	9.8	84932.8	-4756.8
2886	6.4	84939.2	-4702.8
2887	10.2	84947.7	-4719.7
2888	9.2	84948.2	-4754.6
2889	10.2	84948.4	-4702.1
2890	10.0	84954.2	-4711.0
2891	9.8	84955.2	-4751.2
2892	9.4	84959.2	-4734.5
2893	10.0	85000.7	-4750.8
2894	9.6	85001.2	-4735.7
2895	10.2	85002.2	-4717.2
2896	9.2	85003.4	-4701.0
2897	9.2	85003.7	-4744.0
2898	10.2	85008.2	-4737.0
2899	10.1	85008.2	-4741.0
2900	10.0	85011.6	-4759.5
2901	9.3	85013.1	-4757.3
2902	10.0	85015.7	-4725.4
2903	9.2	85016.2	-4713.0
2904	9.3	85021.7	-4708.0
2905	9.6	85036.2	-4711.2
2906	10.1	85039.2	-4708.0
2907	10.1	85041.7	-4724.2
2908	9.8	85043.2	-4720.6
2909	9.6	85044.2	-4740.6
2910	8.6	85045.2	-4704.6
2911	10.0	85046.4	-4743.4
2912	8.7	85047.4	-4707.0
2913	8.4	85055.4	-4707.8
2914	10.1	85057.4	-4722.8
2915	10.0	85102.4	-4751.1
2916	10.0	85102.4	-4741.2
2917	10.2	85102.9	-4723.2
2918	10.0	85102.9	-4743.8
2919	9.8	85103.4	-4715.0
2920	9.3	85105.9	-4702.8
2921	10.2	85109.9	-4725.0
2922	10.2	85115.9	-4707.2
2923	10.0	85119.4	-4744.0
2924	9.6	85119.9	-4715.0
2925	9.2	85122.9	-4751.8
2926	10.2	85127.4	-4733.8
2927	10.1	85131.4	-4739.2
2928	9.5	85134.4	-4717.0
2929	9.8	85137.9	-4724.8
2930	10.2	85140.4	-4733.4
2931	10.2	85140.9	-4743.7
2932	10.2	85153.4	-4752.2

-47 2933 8h51m

-47 3292 9h20m

2933	9.8	85154.4	-4717.6	3023	10.2	85835.9	-4713.0	3113	10.4	90517.0	-4709.5
2934	10.2	85156.1	-4701.7	3024	10.0	85842.4	-4749.5	3114	10.2	90520.3	-4759.2
2935	10.2	85156.4	-4735.1	3025	9.6	85842.9	-4753.1	3115	10.2	90521.0	-4719.5
2936	10.0	85157.9	-4706.2	3026	10.2	85844.4	-4729.0	3116	9.0	90524.0	-4715.2
2937	10.0	85201.4	-4703.0	3027	9.3	85847.4	-4731.1	3117	10.6	90543.5	-4700.6
2938	9.8	85204.9	-4731.0	3028	10.1	85848.4	-4710.4	3118	10.6	90543.5	-4710.5
2939	9.8	85207.9	-4710.0	3029	9.8	85851.9	-4754.4	3119	10.6	90543.5	-4720.7
2940	10.1	85207.9	-4758.7	3030	9.8	85854.4	-4714.2	3120	8.4	90548.0	-4741.8
2941	10.2	85208.4	-4740.0	3031	10.0	85854.4	-4726.1	3121	10.6	90556.0	-4717.4
2942	10.0	85209.4	-4747.3	3032	10.0	85900.9	-4740.2	3122	10.6	90557.5	-4729.0
2943	8.8	85216.9	-4727.2	3033	8.6	85917.1	-4726.1	3123	10.2	90603.0	-4751.1
2944	10.0	85217.9	-4716.1	3034	9.8	85921.3	-4702.1	3124	10.5	90606.0	-4710.1
2945	8.5	85229.9	-4722.8	3035	9.3	85922.4	-4703.3	3125	10.4	90610.5	-4705.7
2946	9.8	85233.9	-4735.1	3036	9.8	85926.3	-4701.2	3126	8.7	90614.5	-4712.8
2947	9.8	85237.4	-4706.0	3037	9.8	85928.5	-4751.8	3127	10.4	90624.5	-4714.0
2948	9.8	85240.4	-4704.5	3038	9.6	85929.1	-4747.0	3128	9.8	90625.0	-4701.5
2949	9.4	85248.9	-4719.4	3039	10.2	85936.0	-4743.2	3129	10.0	90627.5	-4711.1
2950	9.6	85250.4	-4729.0	3040	10.0	85937.6	-4707.9	3130	10.6	90653.5	-4707.7
2951	10.0	85250.9	-4735.0	3041	10.2	85939.4	-4701.2	3131	10.4	90654.3	-4757.1
2952	10.2	85254.4	-4722.3	3042	10.2	85955.9	-4750.0	3132	10.6	90657.5	-4706.4
2953	9.8	85254.9	-4714.0	3043	9.8	85956.6	-4742.5	3133	10.1	90702.5	-4716.5
2954	9.8	85257.9	-4705.9	3044	8.8	90001.6	-4742.1	3134	10.6	90704.0	-4734.0
2955	8.4	85309.9	-4743.3	3045	9.8	90006.6	-4745.9	3135	10.1	90706.5	-4708.3
2956	9.2	85309.9	-4750.0	3046	9.8	90007.4	-4716.1	3136	10.4	90706.5	-4704.8
2957	10.2	85320.4	-4715.0	3047	9.8	90007.6	-4728.4	3137	9.4	90707.5	-4733.7
2958	9.8	85325.4	-4732.8	3048	10.2	90009.2	-4752.9	3138	10.1	90712.5	-4731.1
2959	9.8	85331.1	-4758.0	3049	10.1	90015.6	-4703.6	3139	9.8	90723.5	-4713.9
2960	10.2	85331.4	-4733.7	3050	10.2	90029.9	-4709.3	3140	10.0	90724.5	-4723.5
2961	9.8	85335.4	-4744.6	3051	10.2	90030.4	-4752.2	3141	10.6	90729.0	-4748.9
2962	9.6	85339.4	-4716.8	3052	8.2	90031.8	-4743.1	3142	10.2	90731.5	-4727.8
2963	8.9	85341.4	-4715.2	3053	10.2	90038.4	-4732.3	3143	9.1	90734.0	-4731.3
2964	10.2	85342.9	-4715.0	3054	10.2	90048.3	-4715.5	3144	10.0	90739.0	-4745.1
2965	9.8	85352.4	-4710.3	3055	10.2	90048.8	-4723.8	3145	10.4	90740.0	-4751.0
2966	9.6	85354.4	-4739.0	3056	8.4	90054.5	-4757.8	3146	10.5	90746.0	-4738.0
2967	10.0	85355.9	-4734.2	3057	10.4	90058.3	-4745.9	3147	10.0	90753.0	-4735.6
2968	10.2	85356.4	-4707.9	3058	10.6	90059.3	-4755.9	3148	10.6	90753.7	-4701.0
2969	10.2	85357.9	-4703.4	3059	10.5	90106.3	-4715.1	3149	10.0	90809.0	-4712.0
2970	10.2	85359.9	-4709.0	3060	9.3	90108.3	-4709.2	3150	9.3	90814.0	-4740.6
2971	10.1	85402.9	-4728.0	3061	9.0	90115.3	-4713.7	3151	10.2	90814.0	-4741.1
2972	10.2	85402.9	-4725.0	3062	9.2	90120.3	-4738.2	3152	10.2	90815.0	-4746.3
2973	9.2	85408.9	-4705.4	3063	10.6	90120.8	-4739.9	3153	10.5	90815.0	-4735.2
2974	9.8	85412.9	-4742.1	3064	8.3	90122.2	-4702.5	3154	10.4	90815.5	-4745.5
2975	10.0	85414.9	-4701.2	3065	9.6	90133.3	-4710.2	3155	10.0	90825.5	-4735.6
2976	9.5	85416.9	-4748.2	3066	10.5	90134.3	-4732.8	3156	10.0	90827.5	-4737.6
2977	10.0	85429.9	-4748.2	3067	9.3	90134.3	-4716.1	3157	10.5	90827.5	-4754.3
2978	10.2	85431.9	-4707.4	3068	9.4	90142.8	-4706.9	3158	10.2	90835.0	-4723.2
2979	10.1	85436.9	-4704.4	3069	8.5	90142.8	-4708.7	3159	10.6	90835.5	-4746.5
2980	9.4	85437.9	-4750.2	3070	9.4	90143.8	-4748.9	3160	10.6	90838.0	-4721.1
2981	10.2	85447.9	-4729.1	3071	10.2	90154.3	-4719.2	3161	10.5	90842.5	-4750.1
2982	10.2	85454.9	-4757.4	3072	10.6	90158.3	-4705.1	3162	9.3	90846.0	-4716.6
2983	9.8	85457.9	-4750.4	3073	8.4	90205.3	-4740.8	3163	9.2	90851.0	-4713.4
2984	8.0	85511.4	-4748.2	3074	10.2	90209.8	-4703.3	3164	10.5	90852.5	-4754.1
2985	9.6	85511.4	-4751.0	3075	9.4	90214.8	-4707.1	3165	10.0	90853.5	-4700.8
2986	10.2	85516.4	-4730.2	3076	10.1	90216.8	-4726.1	3166	10.6	90855.5	-4701.8
2987	10.2	85516.9	-4722.5	3077	7.9	90218.3	-4725.0	3167	9.2	90857.5	-4712.6
2988	9.8	85521.4	-4740.0	3078	10.4	90218.8	-4748.0	3168	9.6	90903.5	-4703.1
2989	9.6	85521.4	-4720.3	3079	10.6	90224.8	-4732.2	3169	10.4	90905.2	-4731.1
2990	10.0	85540.9	-4703.9	3080	10.0	90230.3	-4726.9	3170	10.6	90905.7	-4714.5
2991	10.2	85540.9	-4727.5	3081	10.6	90230.8	-4744.9	3171	10.2	90908.7	-4742.6
2992	9.8	85542.4	-4740.7	3082	8.7	90258.3	-4722.1	3172	9.8	90909.7	-4753.9
2993	9.8	85543.9	-4738.0	3083	8.3	90305.8	-4756.2	3173	10.0	90911.7	-4757.5
2994	8.8	85545.9	-4708.7	3084	8.9	90307.8	-4725.9	3174	10.5	90917.7	-4725.0
2995	9.6	85548.9	-4723.7	3085	9.1	90309.8	-4722.5	3175	10.5	90925.2	-4726.0
2996	9.8	85552.4	-4702.0	3086	10.6	90313.0	-4728.7	3176	8.9	90935.2	-4748.7
2997	9.3	85617.9	-4712.8	3087	10.6	90316.5	-4717.2	3177	9.6	90950.7	-4726.8
2998	9.6	85623.4	-4752.1	3088	8.3	90319.5	-4703.5	3178	9.6	90951.2	-4707.4
2999	10.2	85638.9	-4721.1	3089	10.4	90320.0	-4741.0	3179	10.1	90953.7	-4712.9
3000	10.2	85644.4	-4733.0	3090	10.6	90321.0	-4717.4	3180	10.6	91000.2	-4758.3
3001	9.6	85651.9	-4713.2	3091	10.5	90326.0	-4727.9	3181	8.9	91013.7	-4717.7
3002	10.2	85702.0	-4700.4	3092	10.1	90327.0	-4750.1	3182	10.5	91017.2	-4740.0
3003	10.0	85707.4	-4743.2	3093	10.6	90328.5	-4736.9	3183	10.0	91020.7	-4707.3
3004	10.0	85710.4	-4755.1	3094	10.6	90341.5	-4740.9	3184	10.4	91023.2	-4708.4
3005	9.6	85713.4	-4705.6	3095	10.6	90347.0	-4740.6	3185	10.0	91034.2	-4733.2
3006	9.2	85720.4	-4720.6	3096	9.6	90350.5	-4722.9	3186	10.6	91037.7	-4706.5
3007	10.0	85723.9	-4725.0	3097	10.2	90359.5	-4708.7	3187	8.7	91044.9	-4759.2
3008	10.2	85737.9	-4738.2	3098	8.8	90401.0	-4737.9	3188	10.6	91100.7	-4723.0
3009	9.6	85740.4	-4723.2	3099	9.4	90408.5	-4751.9	3189	9.2	91101.2	-4713.1
3010	9.5	85742.4	-4710.1	3100	10.0	90416.0	-4751.5	3190	9.6	91108.7	-4750.5
3011	9.8	85745.9	-4719.9	3101	9.2	90417.5	-4750.4	3191	10.6	91110.2	-4725.0
3012	10.1	85748.9	-4703.9	3102	8.7	90418.5	-4735.6	3192	10.6	91112.7	-4745.9
3013	10.0	85750.4	-4727.1	3103	8.3	90419.5	-4709.7	3193	9.8	91113.7	-4740.8
3014	10.0	85803.9	-4711.0	3104	10.0	90429.5	-4744.2	3194	9.3	91118.7	-4747.4
3015	9.8	85804.9	-4727.2	3105	9.8	90452.5	-4721.8	3195	9.4	91133.2	-4730.6
3016	9.6	85806.9	-4727.9	3106	10.5	90454.5	-4719.6	3196	10.4	91136.2	-4734.0
3017	9.5	85808.9	-4743.6	3107	9.8	90456.5	-4716.5	3197	10.4	91205.2	-4749.2
3018	9.5	85813.4	-4720.7	3108	10.6	90457.0	-4716.0	3198	10.2	91207.0	-4710.8
3019	9.4	85815.9	-4754.6	3109	8.5	90502.5	-4713.5	3199	9.4	91209.7	-4718.3
3020	9.8	85822.9	-4712.0	3110	9.8	90503.0	-4740.5	3200	10.0	91209.7	-4721.9
3021	10.2	85831.4	-4746.0	3111	8.5	90511.0	-4742.8	3201	9.7	91210.2	-4721.6
3022	9.6	85833.4	-4732.4	3112	9.4	90517.0	-4725.4	3202	9.8	91212.7	-4714.2

3203	9.3	91215.2	-4733.3								
3204	10.6	91218.7	-4719.9								
3205	9.3	91221.7	-4748.5								
3206	9.8	91225.0	-4710.1								
3207	10.6	91226.0	-4747.7								
3208	10.1	91240.0	-4742.6								
3209	8.6	91247.5	-4712.8								
3210	10.5	91309.5	-4717.6								
3211	10.6	91320.0	-4758.1								
3212	8.5	91323.0	-4749.4								
3213	10.5	91330.0	-4738.7								
3214	10.6	91330.8	-4759.3								
3215	9.6	91332.0	-4749.4								
3216	10.6	91334.0	-4739.7								
3217	10.0	91340.0	-4739.7								
3218	10.6	91341.5	-4713.8								
3219	10.0	91409.5	-4749.8								
3220	10.6	91413.0	-4752.2								
3221	10.1	91420.0	-4745.5								
3222	10.6	91428.5	-4742.0								
3223	10.4	91436.0	-4711.2								
3224	8.0	91438.0	-4726.7								
3225	9.2	91442.0	-4753.2								
3226	10.6	91443.5	-4711.7								
3227	10.4	91447.5	-4758.8								
3228	9.6	91454.0	-4738.7								
3229	10.5	91456.0	-4725.1								
3230	10.4	91457.5	-4741.2								
3231	9.6	91500.0	-4706.3								
3232	9.4	91502.0	-4755.1								
3233	10.6	91513.5	-4710.0								
3234	8.7	91518.5	-4705.7								
3235	9.7	91530.0	-4736.0								
3236	9.8	91530.0	-4733.1								
3237	9.4	91531.5	-4731.8								
3238	10.6	91543.3	-4759.9								
3239	10.0	91550.0	-4754.8								
3240	9.4	91608.3	-4740.6								
3241	7.9	91608.3	-4702.2								
3242	10.0	91614.3	-4738.8								
3243	9.2	91620.6	-4702.4								
3244	10.0	91624.3	-4736.5								
3245	10.5	91626.8	-4749.3								
3246	10.0	91638.3	-4738.6								
3247	10.6	91638.3	-4737.8								
3248	10.6	91638.3	-4702.8								
3249	10.6	91643.8	-4737.8								
3250	10.6	91644.3	-4730.9								
3251	10.0	91646.5	-4758.9								
3252	10.5	91648.3	-4737.8								
3253	10.6	91648.8	-4708.5								
3254	10.2	91657.3	-4734.1								
3255	10.6	91657.8	-4739.8								
3256	8.3	91658.3	-4707.2								
3257	10.1	91704.8	-4712.8								
3258	9.6	91710.3	-4702.7								
3259	10.6	91716.8	-4708.6								
3260	10.2	91719.3	-4755.0								
3261	9.6	91734.3	-4745.6								
3262	10.5	91748.3	-4712.9								
3263	10.6	91757.8	-4726.9								
3264	10.6	91806.8	-4720.9								
3265	9.3	91810.3	-4712.9								
3266	10.4	91816.8	-4741.5								
3267	10.6	91819.3	-4749.8								
3268	9.4	91824.3	-4714.0								
3269	9.8	91826.3	-4747.3								
3270	8.1	91830.3	-4708.3								
3271	9.2	91834.8	-4704.6								
3272	10.1	91836.8	-4709.0								
3273	10.2	91841.3	-4737.9								
3274	9.6	91846.8	-4719.4								
3275	10.6	91857.8	-4701.6								
3276	7.3	91900.3	-4745.1								
3277	9.8	91901.8	-4730.9								
3278	9.6	91904.1	-4735.6								
3279	10.2	91912.6	-4734.4								
3280	9.8	91913.1	-4706.4								
3281	9.3	91919.6	-4735.7								
3282	10.6	91926.6	-4703.0								
3283	9.7	91928.6	-4728.9								
3284	10.0	91936.6	-4736.7								
3285	10.1	91938.1	-4749.1								
3286	10.0	91944.6	-4705.2								
3287	9.7	91958.6	-4711.3								
3288	9.8	91959.6	-4743.2								
3289	10.0	92002.1	-4735.5								
3290	9.4	92008.6	-4703.9								
3291	10.6	92009.1	-4712.3								
3292	10.4	92013.6	-4743.3								

-47 3293 9h20m

-47 3652 9h45m

3293	10.5	92018.6	-4725.3	3383	9.6	92729.9	-4705.6	3473	9.8	93508.2	-4745.2
3294	9.8	92021.1	-4744.9	3384	8.2	92730.3	-4738.5	3474	10.4	93513.2	-4748.9
3295	10.2	92024.6	-4726.8	3385	10.2	92732.3	-4701.9	3475	10.4	93516.2	-4724.9
3296	10.4	92025.1	-4732.5	3386	9.8	92740.3	-4757.8	3476	10.1	93517.2	-4737.1
3297	9.4	92025.6	-4735.5	3387	10.0	92741.9	-4706.1	3477	10.4	93521.7	-4716.0
3298	10.1	92027.6	-4725.2	3388	10.1	92749.8	-4736.1	3478	10.1	93524.2	-4725.0
3299	8.5	92029.6	-4756.8	3389	10.6	92753.8	-4710.0	3479	10.4	93526.9	-4758.7
3300	10.6	92031.6	-4712.9	3390	10.5	92804.3	-4721.8	3480	9.8	93532.7	-4738.4
3301	10.1	92032.6	-4737.1	3391	10.6	92806.7	-4741.3	3481	9.6	93532.7	-4731.1
3302	9.8	92038.6	-4755.3	3392	8.6	92809.2	-4744.4	3482	9.8	93554.2	-4727.5
3303	9.3	92039.6	-4748.1	3393	10.1	92811.5	-4716.8	3483	9.4	93600.2	-4750.6
3304	8.9	92045.1	-4759.8	3394	10.2	92821.0	-4739.0	3484	10.2	93610.2	-4737.1
3305	8.9	92048.6	-4730.7	3395	10.2	92830.0	-4752.1	3485	9.9	93610.7	-4726.0
3306	9.3	92052.1	-4743.8	3396	9.9	92830.2	-4702.0	3486	10.2	93613.7	-4705.2
3307	8.6	92054.1	-4744.1	3397	10.4	92840.0	-4748.7	3487	10.4	93625.7	-4703.1
3308	10.2	92054.6	-4718.1	3398	9.5	92841.5	-4731.4	3488	8.6	93631.7	-4714.1
3309	9.8	92056.9	-4759.6	3399	8.8	92852.0	-4721.0	3489	10.4	93634.7	-4718.3
3310	9.8	92058.6	-4709.1	3400	9.0	92853.5	-4730.9	3490	9.9	93637.2	-4720.1
3311	10.0	92100.1	-4756.3	3401	9.5	92904.0	-4742.1	3491	9.8	93637.2	-4740.5
3312	10.6	92103.1	-4746.0	3402	9.9	92904.0	-4735.3	3492	10.4	93642.2	-4757.1
3313	10.6	92114.6	-4716.3	3403	10.4	92904.0	-4705.0	3493	9.8	93650.2	-4729.9
3314	10.4	92115.6	-4739.9	3404	9.8	92909.0	-4751.0	3494	10.0	93657.2	-4740.6
3315	10.0	92125.6	-4717.9	3405	10.4	92918.3	-4702.3	3495	10.2	93702.7	-4750.5
3316	10.6	92126.1	-4751.3	3406	10.1	92921.0	-4743.8	3496	9.6	93704.2	-4704.1
3317	10.5	92127.1	-4713.9	3407	10.2	92937.0	-4722.3	3497	10.2	93714.2	-4745.6
3318	10.1	92130.6	-4755.7	3408	9.9	92940.0	-4704.7	3498	9.9	93721.7	-4724.2
3319	10.6	92132.6	-4729.9	3409	10.1	92947.8	-4741.1	3499	9.0	93727.2	-4706.0
3320	10.2	92135.7	-4729.1	3410	9.3	92953.0	-4740.1	3500	10.0	93729.8	-4757.2
3321	8.5	92139.2	-4713.1	3411	10.2	92957.0	-4720.9	3501	9.9	93732.2	-4741.0
3322	10.5	92143.7	-4714.7	3412	9.9	93037.8	-4759.0	3502	8.6	93732.7	-4731.5
3323	10.6	92148.7	-4752.3	3413	8.0	93045.0	-4731.4	3503	10.4	93740.1	-4759.7
3324	10.0	92150.6	-4743.4	3414	9.0	93050.0	-4713.7	3504	9.4	93740.2	-4753.3
3325	10.5	92153.7	-4738.5	3415	9.8	93100.0	-4726.1	3505	10.4	93740.7	-4727.7
3326	10.6	92200.2	-4712.9	3416	9.4	93104.0	-4719.3	3506	9.4	93746.2	-4748.3
3327	9.2	92200.7	-4701.2	3417	8.0	93106.0	-4757.4	3507	10.2	93748.2	-4754.3
3328	9.2	92205.7	-4754.7	3418	10.2	93112.8	-4703.1	3508	9.5	93749.2	-4746.5
3329	10.5	92207.2	-4740.3	3419	10.4	93117.1	-4759.7	3509	9.8	93755.2	-4730.0
3330	10.2	92218.2	-4755.2	3420	10.4	93118.0	-4723.8	3510	10.2	93803.7	-4746.2
3331	9.4	92226.7	-4724.3	3421	10.4	93119.2	-4700.3	3511	9.8	93806.7	-4714.1
3332	10.6	92244.7	-4710.9	3422	10.2	93119.5	-4739.1	3512	9.9	93813.7	-4724.1
3333	9.0	92246.2	-4754.5	3423	9.8	93119.5	-4728.1	3513	10.4	93814.2	-4718.6
3334	9.4	92248.7	-4711.9	3424	10.4	93122.5	-4703.6	3514	10.4	93815.2	-4743.7
3335	8.0	92251.7	-4745.7	3425	9.6	93129.0	-4702.0	3515	9.9	93815.7	-4752.1
3336	10.1	92300.7	-4706.1	3426	10.0	93149.0	-4706.6	3516	9.6	93823.7	-4749.1
3337	10.5	92301.2	-4700.1	3427	10.4	93150.0	-4740.3	3517	10.4	93830.7	-4730.3
3338	9.8	92307.7	-4752.1	3428	10.4	93152.5	-4711.4	3518	10.2	93830.7	-4728.0
3339	10.1	92312.7	-4733.3	3429	10.0	93153.0	-4755.3	3519	10.0	93831.2	-4735.8
3340	10.4	92314.2	-4715.1	3430	10.4	93153.3	-4701.6	3520	10.0	93840.2	-4734.9
3341	10.6	92320.7	-4731.9	3431	10.4	93157.5	-4756.6	3521	10.2	93849.7	-4758.5
3342	10.6	92322.2	-4735.9	3432	9.8	93200.0	-4728.0	3522	10.0	93850.2	-4739.6
3343	9.6	92331.7	-4748.3	3433	9.8	93205.5	-4747.1	3523	9.4	93857.4	-4752.3
3344	10.2	92334.7	-4705.8	3434	10.0	93214.0	-4745.9	3524	9.8	93858.7	-4701.1
3345	10.2	92345.7	-4723.1	3435	10.0	93226.5	-4726.5	3525	9.8	93908.4	-4710.7
3346	10.6	92350.7	-4748.2	3436	10.0	93240.5	-4729.8	3526	10.2	93912.9	-4725.3
3347	10.6	92353.2	-4731.5	3437	9.8	93241.5	-4729.4	3527	8.2	93918.4	-4732.1
3348	10.1	92358.7	-4737.2	3438	9.3	93243.5	-4751.3	3528	10.4	93926.9	-4723.9
3349	10.5	92358.7	-4711.7	3439	9.3	93250.0	-4710.2	3529	8.5	93928.4	-4720.4
3350	10.0	92405.7	-4756.0	3440	10.4	93253.0	-4718.9	3530	9.0	93928.4	-4709.5
3351	10.2	92408.7	-4744.9	3441	9.6	93300.0	-4715.7	3531	10.4	93933.4	-4751.0
3352	8.4	92410.7	-4756.0	3442	9.8	93312.0	-4720.5	3532	8.4	93934.9	-4755.3
3353	8.9	92417.2	-4738.9	3443	9.8	93316.0	-4714.1	3533	10.4	93935.9	-4746.8
3354	10.1	92417.2	-4700.4	3444	10.4	93320.5	-4753.6	3534	10.4	93941.9	-4720.4
3355	10.2	92419.7	-4734.6	3445	9.8	93329.0	-4727.8	3535	10.4	93942.9	-4709.3
3356	10.6	92423.7	-4705.1	3446	9.8	93330.5	-4738.5	3536	10.0	93948.4	-4735.2
3357	10.4	92429.2	-4749.1	3447	8.8	93338.0	-4722.2	3537	10.1	93948.5	-4703.7
3358	7.9	92433.2	-4744.5	3448	9.8	93338.0	-4738.7	3538	10.4	93949.9	-4701.2
3359	9.6	92435.2	-4727.0	3449	9.8	93339.5	-4707.0	3539	10.0	93954.9	-4752.3
3360	10.2	92446.3	-4744.5	3450	9.9	93344.2	-4746.8	3540	10.0	93956.9	-4701.1
3361	10.6	92450.8	-4731.2	3451	10.2	93344.2	-4737.0	3541	10.4	93958.9	-4716.5
3362	10.4	92452.8	-4745.0	3452	9.8	93344.2	-4706.1	3542	7.0	93959.4	-4758.5
3363	10.4	92456.0	-4758.4	3453	9.9	93350.7	-4706.4	3543	10.2	94004.9	-4733.0
3364	9.6	92507.8	-4729.0	3454	10.2	93357.7	-4755.6	3544	9.9	94005.4	-4757.5
3365	10.6	92510.3	-4743.6	3455	9.9	93359.7	-4706.1	3545	10.2	94012.9	-4717.1
3366	10.4	92524.8	-4700.7	3456	10.2	93403.2	-4736.2	3546	9.3	94017.9	-4714.7
3367	10.0	92533.3	-4727.3	3457	9.8	93408.2	-4742.4	3547	10.1	94018.9	-4749.5
3368	10.1	92534.8	-4712.2	3458	9.8	93415.7	-4712.7	3548	10.2	94021.4	-4744.3
3369	10.6	92542.3	-4726.8	3459	9.6	93416.7	-4746.9	3549	10.4	94021.9	-4744.7
3370	10.6	92554.3	-4732.6	3460	9.8	93425.2	-4721.2	3550	10.2	94022.9	-4720.5
3371	9.8	92600.3	-4717.8	3461	10.4	93426.7	-4727.9	3551	10.4	94023.4	-4743.0
3372	10.6	92602.3	-4755.8	3462	8.3	93436.2	-4743.0	3552	10.1	94026.9	-4723.3
3373	8.5	92602.8	-4703.5	3463	8.6	93439.2	-4732.4	3553	9.9	94033.4	-4717.1
3374	10.6	92619.3	-4734.0	3464	9.8	93443.2	-4757.4	3554	8.3	94038.0	-4756.4
3375	10.6	92621.3	-4727.4	3465	9.2	93445.7	-4712.3	3555	8.6	94038.4	-4747.5
3376	10.6	92634.8	-4707.7	3466	8.8	93446.2	-4710.2	3556	10.4	94038.5	-4751.9
3377	9.8	92643.3	-4746.4	3467	9.8	93446.7	-4738.3	3557	10.4	94038.9	-4700.9
3378	10.6	92646.6	-4712.4	3468	10.1	93458.2	-4705.1	3558	9.9	94039.4	-4707.9
3379	7.5	92647.3	-4724.0	3469	8.1	93503.2	-4725.6	3559	9.4	94040.7	-4701.9
3380	10.2	92658.8	-4708.0	3470	10.1	93503.2	-4721.3	3560	10.4	94041.7	-4702.7
3381	10.6	92703.5	-4708.2	3471	10.0	93504.2	-4754.3	3561	10.0	94041.9	-4725.7
3382	10.6	92722.3	-4745.8	3472	8.0	93505.7	-4740.3	3562	10.1	94046.9	-4743.3
3563	10.1	94049.5	-4719.2								
3564	9.8	94051.0	-4746.4								
3565	10.2	94052.5	-4725.2								
3566	10.4	94052.5	-4751.0								
3567	10.1	94054.0	-4741.5								
3568	9.3	94055.5	-4745.3								
3569	10.1	94056.5	-4741.6								
3570	10.4	94056.5	-4735.6								
3571	10.2	94057.0	-4734.3								
3572	10.0	94104.0	-4729.8								
3573	10.4	94105.0	-4722.4								
3574	9.9	94108.0	-4705.4								
3575	9.4	94108.5	-4730.9								
3576	9.6	94113.5	-4747.0								
3577	9.8	94118.5	-4705.9								
3578	10.2	94119.5	-4706.4								
3579	10.0	94120.0	-4742.4								
3580	8.6	94123.7	-4702.6								
3581	9.5	94125.6	-4757.8								
3582	10.1	94136.0	-4735.1								
3583	9.8	94143.0	-4716.1								
3584	9.9	94143.5	-4717.8								
3585	10.4	94147.5	-4730.3								
3586	10.4	94153.5	-4756.1								
3587	10.2	94156.5	-4706.9								
3588	9.6	94159.5	-4725.2								
3589	9.8	94209.5	-4728.4								
3590	10.4	94209.7	-4726.4								
3591	10.0	94214.5	-4710.0								
3592	10.2	94214.5	-4710.8								
3593	10.4	94214.7	-4726.3								
3594	10.4	94215.0	-4728.4								
3595	8.8	94218.5	-4708.3								
3596	10.2	94224.5	-4732.1								
3597	10.4	94226.0	-4716.0								
3598	10.4	94226.0	-4743.1								
3599	9.8	94228.5	-4754.7								
3600	10.4	94234.0	-4713.6								
3601	10.2	94238.2	-4735.4								
3602	10.4	94238.5	-4741.8								
3603	8.2	94240.7	-4701.6								
3604	10.1	94242.7	-4752.3								
3605	10.4	94251.7	-4742.8								
3606	9.8	94253.7	-4723.2								
3607	9.6	94254.7	-4713.9								
3608	10.2	94301.7	-4700.1								
3609	10.4	94310.2	-4711.1								
3610	10.2	94318.7	-4745.1								
3611	10.4	94318.9	-4727.1								
3612	9.6	94319.7	-4714.1								
3613	10.4	94320.2	-4744.5								
3614	9.8	94323.2	-4720.4								
3615	10.2	94323.7	-4724.6								
3616	9.8	94324.7	-4705.4								
3617	10.2	94324.7	-4703.0								
3618	10.2	94335.2	-4732.2								
3619	9.9	94336.7	-4750.7								
3620	10.4	94336.9	-4715.2								
3621	10.4	94338.2	-4759.2								
3622	9.0	94338.7	-4717.1								
3623	10.4	94339.9	-4733.2								
3624	9.2	94347.2	-4746.1								
3625	10.4	94347.2	-4759.3								
3626	10.4	94348.7	-4713.0								
3627	9.8	94357.2	-4717.2								
3628	10.4	94358.7	-4738.5								
3629	10.0	94401.2	-4730.7								
3630	9.6	94403.2	-4746.2								
3631	10.2	94406.7	-4714.4								
3632	10.4	94408.7	-4758.9								
3633	10.0	94410.7	-4730.9								
3634	8.0	94413.2	-4719.9								
3635	10.1	94427.7	-4713.0								
3636	10.4	94428.2	-4735.4								
3637	9.8	94428.2	-4747.8								
3638	10.0	94429.7	-4710.1								
3639	10.2	94432.2	-4704.8								
3640	9.8	94434.7	-4723.9								
3641	10.0	94443.3	-4718.3								
3642	10.2	94445.8	-4730.4								
3643	10.4	94451.8	-4736.5								
3644	10.2	94455.3	-4752.9								
3645	10.0	94456.8	-4755.6								
3646	10.4	94457.8	-4732.4								
3647	9.9	94502.0	-4758.7								
3648	9.0	94502.3	-4728.1								
3649	9.3	94507.3	-4750.9								
3650	9.6	94507.8	-4739.3								
3651	10.1	94508.8	-4715.8								
3652	10.0	94513.8	-4732.2								

-47 3653 9h45m

-47 4012 10h08m

3653	8.0	94514.8	-4721.8	3743	10.2	95050.5	-4718.1	3833	10.4	95728.4	-4724.9
3654	9.4	94515.8	-4715.4	3744	10.4	95101.5	-4704.8	3834	8.7	95730.4	-4720.7
3655	10.4	94516.8	-4705.9	3745	10.4	95103.0	-4748.9	3835	9.0	95737.9	-4753.9
3656	9.8	94520.3	-4705.0	3746	9.9	95110.0	-4730.0	3836	10.4	95740.4	-4720.9
3657	9.4	94520.3	-4753.0	3747	8.5	95121.5	-4727.8	3837	10.0	95749.4	-4734.7
3658	10.2	94523.8	-4725.1	3748	8.8	95125.5	-4734.9	3838	10.5	95749.9	-4742.9
3659	10.4	94524.8	-4706.2	3749	8.8	95125.5	-4706.4	3839	9.5	95750.9	-4738.7
3660	10.2	94528.8	-4700.8	3750	10.2	95128.5	-4742.7	3840	9.6	95800.9	-4734.5
3661	9.8	94538.8	-4704.3	3751	10.4	95131.0	-4723.2	3841	10.8	95801.6	-4734.2
3662	9.9	94540.8	-4702.9	3752	7.8	95133.0	-4709.7	3842	10.5	95804.4	-4710.7
3663	10.0	94542.8	-4724.8	3753	10.4	95133.0	-4720.2	3843	9.5	95810.4	-4707.5
3664	9.2	94546.8	-4723.1	3754	9.8	95137.0	-4740.5	3844	10.0	95817.4	-4750.6
3665	10.2	94547.3	-4758.7	3755	10.0	95139.0	-4727.5	3845	10.4	95821.9	-4712.1
3666	10.1	94549.8	-4701.1	3756	10.4	95139.5	-4723.2	3846	10.4	95824.4	-4720.4
3667	10.1	94553.8	-4726.0	3757	9.0	95140.0	-4749.0	3847	10.8	95828.9	-4718.7
3668	10.4	94558.8	-4718.9	3758	10.2	95141.0	-4731.3	3848	10.4	95830.9	-4710.3
3669	10.4	94559.8	-4753.0	3759	9.8	95145.0	-4700.4	3849	9.0	95831.4	-4730.8
3670	9.8	94600.8	-4737.5	3760	9.8	95154.0	-4701.0	3850	10.8	95841.9	-4703.3
3671	9.5	94604.2	-4759.6	3761	8.1	95201.7	-4705.0	3851	9.6	95843.2	-4758.6
3672	9.8	94608.8	-4752.1	3762	9.9	95211.7	-4705.8	3852	10.8	95844.4	-4711.0
3673	10.2	94613.3	-4712.6	3763	9.9	95211.7	-4703.9	3853	10.0	95846.9	-4719.8
3674	10.4	94618.8	-4729.4	3764	9.6	95213.7	-4709.9	3854	8.7	95855.9	-4733.1
3675	9.8	94621.3	-4756.1	3765	9.9	95219.2	-4705.8	3855	10.2	95858.4	-4714.1
3676	9.6	94621.3	-4733.4	3766	9.4	95219.2	-4755.2	3856	10.6	95900.9	-4754.2
3677	8.8	94621.3	-4729.1	3767	10.2	95221.2	-4757.8	3857	9.4	95903.9	-4710.8
3678	9.8	94628.3	-4745.0	3768	10.4	95222.2	-4700.6	3858	10.8	95908.4	-4735.5
3679	10.4	94630.8	-4727.7	3769	10.4	95222.2	-4728.5	3859	10.8	95910.4	-4713.2
3680	10.4	94638.8	-4713.6	3770	9.0	95230.2	-4728.6	3860	10.2	95918.9	-4728.8
3681	9.9	94639.8	-4741.3	3771	10.0	95238.3	-4757.8	3861	10.8	95921.2	-4759.0
3682	9.9	94639.8	-4722.8	3772	10.2	95238.8	-4749.4	3862	7.4	95929.4	-4750.4
3683	10.4	94646.8	-4713.6	3773	10.2	95241.2	-4732.0	3863	9.0	95931.4	-4718.4
3684	10.4	94648.8	-4713.6	3774	10.1	95244.2	-4741.9	3864	10.2	95931.4	-4739.2
3685	10.1	94649.8	-4742.7	3775	6.2	95255.2	-4749.0	3865	9.4	95934.4	-4721.3
3686	9.2	94651.3	-4721.0	3776	10.4	95257.2	-4755.2	3866	9.2	95938.4	-4723.5
3687	10.4	94655.8	-4744.1	3777	9.8	95301.7	-4751.2	3867	10.5	95943.4	-4719.2
3688	10.4	94700.3	-4750.1	3778	10.1	95304.2	-4722.0	3868	9.5	95954.4	-4723.2
3689	10.0	94708.8	-4755.5	3779	10.4	95308.7	-4722.6	3869	9.2	95956.4	-4707.8
3690	10.2	94710.8	-4745.1	3780	9.4	95309.2	-4719.0	3870	10.4	100000.4	-4722.4
3691	9.6	94722.3	-4715.2	3781	9.0	95310.7	-4702.4	3871	9.6	100006.4	-4702.9
3692	9.4	94724.8	-4705.8	3782	10.0	95313.2	-4736.9	3872	10.8	100008.9	-4711.9
3693	9.9	94731.3	-4720.9	3783	9.9	95319.7	-4716.6	3873	10.8	100010.4	-4706.9
3694	10.1	94736.8	-4754.1	3784	9.6	95331.2	-4704.2	3874	8.8	100012.9	-4724.4
3695	10.2	94740.8	-4729.7	3785	10.4	95341.7	-4739.9	3875	10.5	100018.4	-4720.0
3696	9.8	94746.8	-4753.3	3786	9.8	95344.6	-4702.4	3876	10.4	100018.9	-4753.6
3697	9.8	94747.3	-4746.0	3787	9.8	95350.2	-4727.4	3877	8.0	100020.4	-4710.9
3698	9.3	94751.3	-4705.4	3788	10.4	95353.2	-4716.0	3878	9.8	100026.4	-4710.2
3699	10.2	94753.3	-4749.7	3789	9.9	95354.2	-4744.1	3879	10.0	100028.9	-4719.6
3700	10.4	94804.3	-4736.0	3790	10.4	95359.2	-4703.1	3880	10.5	100029.9	-4721.7
3701	10.0	94808.8	-4740.9	3791	8.2	95410.2	-4753.4	3881	9.8	100032.4	-4739.8
3702	9.8	94812.8	-4720.0	3792	10.2	95416.2	-4749.6	3882	10.4	100032.4	-4714.7
3703	9.8	94818.8	-4717.7	3793	9.6	95420.2	-4722.4	3883	10.8	100034.4	-4753.8
3704	10.4	94819.5	-4758.0	3794	10.4	95425.2	-4741.6	3884	10.8	100047.2	-4708.5
3705	9.4	94823.3	-4753.5	3795	9.8	95427.1	-4758.0	3885	9.2	100048.7	-4724.6
3706	10.4	94823.8	-4735.5	3796	10.2	95427.2	-4753.4	3886	10.4	100048.7	-4747.6
3707	9.0	94832.3	-4740.8	3797	8.6	95450.2	-4755.2	3887	10.5	100052.2	-4733.6
3708	10.4	94833.8	-4746.0	3798	9.8	95453.2	-4732.1	3888	10.8	100053.7	-4719.1
3709	9.8	94837.3	-4740.1	3799	9.8	95456.2	-4747.6	3889	10.6	100057.2	-4705.2
3710	10.2	94839.0	-4739.3	3800	10.1	95511.2	-4730.1	3890	10.8	100057.8	-4717.6
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3712	10.2	94847.8	-4747.0	3802	10.4	95520.7	-4725.1	3892	10.4	100100.2	-4722.6
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3714	10.2	94858.8	-4746.5	3804	10.2	95531.5	-4709.3	3894	9.6	100102.7	-4745.2
3715	9.0	94900.8	-4737.0	3805	10.0	95534.2	-4703.4	3895	10.2	100109.7	-4727.6
3716	10.2	94902.8	-4712.3	3806	10.0	95538.7	-4731.7	3896	10.8	100113.7	-4750.0
3717	10.0	94904.8	-4750.3	3807	9.9	95541.5	-4741.9	3897	9.9	100118.2	-4751.0
3718	10.2	94905.8	-4742.0	3808	10.4	95544.7	-4750.5	3898	10.8	100124.2	-4746.0
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3723	10.1	94927.0	-4732.2	3813	10.2	95629.9	-4708.5	3903	9.8	100138.7	-4712.8
3724	9.8	94929.0	-4737.9	3814	10.4	95630.4	-4746.8	3904	10.8	100139.7	-4727.7
3725	9.8	94930.0	-4731.2	3815	10.6	95633.4	-4719.9	3905	10.4	100148.7	-4735.9
3726	9.6	94941.0	-4724.1	3816	10.8	95633.4	-4731.9	3906	9.6	100149.7	-4745.4
3727	10.4	94942.5	-4742.4	3817	10.5	95633.4	-4736.5	3907	10.6	100150.7	-4716.8
3728	10.4	94944.0	-4713.4	3818	10.8	95633.9	-4728.8	3908	10.0	100157.2	-4701.4
3729	10.4	94948.0	-4756.8	3819	10.5	95636.9	-4714.8	3909	10.6	100157.2	-4706.4
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3731	9.0	94958.0	-4728.7	3821	10.5	95642.4	-4753.3	3911	10.2	100207.2	-4705.4
3732	10.2	94958.5	-4736.3	3822	10.4	95644.4	-4753.9	3912	9.9	100208.7	-4706.0
3733	10.4	95003.0	-4757.0	3823	10.6	95646.9	-4731.0	3913	10.5	100212.2	-4729.8
3734	9.8	95004.0	-4709.6	3824	8.1	95653.4	-4718.0	3914	10.8	100214.7	-4717.1
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3736	9.5	95005.0	-4738.9	3826	10.8	95702.9	-4708.1	3916	10.0	100220.2	-4720.8
3737	10.0	95024.0	-4744.9	3827	10.5	95710.8	-4702.1	3917	10.0	100221.2	-4720.2
3738	9.9	95029.0	-4722.7	3828	10.8	95716.6	-4715.9	3918	10.2	100222.7	-4756.8
3739	10.2	95041.0	-4742.2	3829	10.0	95717.9	-4737.3	3919	10.8	100228.2	-4710.0
3740	9.9	95042.5	-4711.2	3830	10.8	95721.9	-4711.1	3920	8.5	100235.7	-4754.9
3741	10.1	95045.0	-4746.5	3831	10.0	95725.4	-4703.4	3921	6.9	100240.7	-4738.8
3742	9.3	95049.0	-4747.1	3832	10.8	95726.9	-4748.7	3922	10.6	100245.2	-4719.8
3923	10.8	100245.8	-4758.8								
3924	10.2	100252.2	-4759.4								
3925	10.8	100254.2	-4728.8								
3926	9.2	100300.7	-4733.1								
3927	10.8	100302.3	-4758.1								
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3929	9.6	100310.7	-4717.2								
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3931	10.8	100323.7	-4756.8								
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3944	10.8	100437.2	-4711.8								
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3948	10.4	100453.2	-4716.2								
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3960	9.9	100524.7	-4720.0								
3961	9.6	100527.2	-4714.9								
3962	10.8	100528.2	-4720.2								
3963	10.4	100532.7	-4738.0								
3964	9.6	100534.7	-4713.1								
3965	8.9	100537.7	-4726.8								
3966	10.2	100537.7	-4704.7								
3967	9.8	100538.7	-4711.8								
3968	10.4	100540.7	-4721.8								
3969	10.0	100540.7	-4749.9								
3970	10.0	100544.7	-4755.0								
3971	9.4	100544.7	-4748.7								
3972	10.5	100547.2	-4734.8								
3973	9.5	100549.2	-4707.2								
3974	10.2	100552.2	-4724.1								
3975	10.4	100554.7	-4736.7								
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3998	10.8	100722.2	-4729.3								
3999	10.5	100724.7	-4713.2								
4000	10.2	100727.2	-4756.0								
4001	10.2	100733.2	-4743.3								
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4003	10.6	100736.2	-4722.2								
4004	10.5	100738.2	-4700.6								
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4009	10.0	100757.2	-4730.3								
4010	10.6	100801.2	-4720.8								
4011	10.8	100801.7	-4732.3								
4012	8.3	100804.7	-4717.9								

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4013 10.6 100808.7 -4751.8	4103 9.6 101243.5 -4750.0	4193 10.4 101822.5 -4714.3	4283 9.8 102600.2 -4713.0
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4037 8.9 100932.2 -4701.7	4127 10.2 101407.0 -4725.1	4217 9.9 101953.0 -4748.9	4307 9.7 102822.7 -4722.2
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4039 10.8 100936.7 -4746.5	4129 9.8 101418.5 -4728.7	4219 10.6 102023.5 -4741.7	4309 9.2 102824.7 -4753.6
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4059 9.9 101040.7 -4737.9	4149 10.2 101541.5 -4742.1	4239 10.2 102134.5 -4752.5	4329 9.8 102930.2 -4748.2
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4063 10.0 101046.2 -4756.3	4153 10.8 101547.5 -4714.6	4243 10.8 102202.5 -4704.9	4333 9.7 102935.2 -4716.4
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4072 10.2 101123.7 -4707.9	4162 10.6 101619.0 -4745.1	4252 9.8 102241.0 -4726.0	4342 9.9 103014.2 -4753.1
4073 10.8 101124.2 -4712.4	4163 10.6 101620.0 -4708.7	4253 7.5 102245.0 -4722.9	4343 10.2 103020.0 -4758.6
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4076 10.2 101132.2 -4704.2	4166 10.8 101624.0 -4745.0	4256 10.0 102301.0 -4733.5	4346 10.0 103030.2 -4751.1
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4081 10.4 101141.2 -4729.1	4171 10.8 101652.5 -4718.6	4261 9.8 102336.7 -4709.7	4351 10.2 103040.7 -4723.2
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4089 10.4 101200.5 -4752.7	4179 9.5 101729.5 -4727.1	4269 10.2 102442.7 -4720.5	4359 9.6 103105.0 -4732.1
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4092 10.8 101210.0 -4730.1	4182 10.2 101734.0 -4718.2	4272 10.2 102450.7 -4751.9	4362 9.9 103122.5 -4713.1
4093 10.0 101211.5 -4739.9	4183 10.2 101738.5 -4703.6	4273 8.9 102452.0 -4702.8	4363 9.9 103131.0 -4707.7
4094 10.2 101217.5 -4719.2	4184 10.8 101742.0 -4743.1	4274 10.0 102505.7 -4746.9	4364 10.0 103132.0 -4716.4
4095 10.0 101220.5 -4715.1	4185 10.8 101744.0 -4703.9	4275 8.6 102509.7 -4732.4	4365 9.9 103135.5 -4745.3
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4097 10.2 101225.5 -4744.8	4187 10.0 101802.5 -4700.2	4277 10.0 102528.7 -4736.9	4367 10.2 103137.0 -4717.8
4098 10.2 101230.0 -4708.9	4188 10.6 101804.5 -4701.0	4278 10.0 102529.7 -4730.1	4368 9.8 103142.0 -4718.2
4099 8.8 101231.0 -4719.2	4189 9.5 101805.0 -4742.0	4279 10.2 102542.2 -4745.1	4369 9.6 103149.5 -4756.2
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4101 8.0 101237.0 -4747.6	4191 10.0 101820.5 -4755.5	4281 9.8 102555.2 -4714.2	4371 8.0 103158.5 -4714.4
4102 10.0 101238.5 -4705.0	4192 10.4 101821.2 -4725.2	4282 10.2 102557.2 -4756.6	4372 10.2 103203.0 -4737.1

-47 4372 10h32m

-47 4373 10h32m

-47 4732 11h00m

4373	5.7	103203.0	-4734.7	4463	10.2	103916.2	-4706.8	4553	9.6	104646.6	-4755.0
4374	10.2	103224.5	-4753.9	4464	10.2	103922.7	-4708.5	4554	10.2	104648.6	-4710.9
4375	10.2	103232.0	-4759.5	4465	10.2	103926.7	-4707.4	4555	9.4	104655.6	-4713.3
4376	10.2	103237.0	-4707.0	4466	9.4	103935.2	-4721.9	4556	9.7	104656.6	-4734.1
4377	10.0	103243.5	-4727.3	4467	9.8	103952.2	-4705.7	4557	9.6	104658.1	-4732.9
4378	10.0	103244.0	-4755.2	4468	9.7	103956.2	-4721.6	4558	10.2	104704.6	-4701.9
4379	9.7	103248.5	-4756.2	4469	10.2	104001.7	-4743.0	4559	10.2	104712.6	-4740.0
4380	9.8	103250.0	-4737.2	4470	10.2	104003.2	-4740.2	4560	10.0	104714.1	-4754.2
4381	9.4	103250.5	-4709.2	4471	9.0	104025.7	-4717.9	4561	10.2	104715.6	-4745.2
4382	10.2	103255.0	-4709.4	4472	10.2	104038.2	-4749.0	4562	9.5	104718.6	-4739.1
4383	9.9	103300.5	-4729.2	4473	10.0	104043.7	-4730.1	4563	9.6	104723.1	-4702.3
4384	9.8	103303.5	-4716.2	4474	10.2	104048.2	-4720.1	4564	10.2	104730.1	-4731.0
4385	10.0	103306.5	-4742.1	4475	9.2	104052.2	-4728.2	4565	10.0	104741.1	-4733.4
4386	9.8	103308.5	-4704.1	4476	9.8	104052.7	-4717.6	4566	10.2	104743.6	-4747.3
4387	8.8	103314.5	-4724.7	4477	9.7	104057.2	-4728.1	4567	10.2	104747.1	-4753.7
4388	10.0	103320.0	-4731.5	4478	9.9	104101.2	-4707.1	4568	9.8	104803.1	-4715.9
4389	10.2	103322.5	-4717.2	4479	9.6	104108.2	-4733.4	4569	9.8	104808.6	-4751.7
4390	9.8	103327.0	-4709.1	4480	10.2	104110.2	-4727.3	4570	9.4	104809.6	-4748.2
4391	10.2	103342.0	-4730.8	4481	9.9	104118.2	-4730.1	4571	10.0	104818.9	-4723.3
4392	9.4	103343.5	-4751.7	4482	8.7	104124.2	-4712.4	4572	10.2	104819.4	-4739.1
4393	10.2	103345.5	-4714.8	4483	8.7	104125.2	-4704.5	4573	10.2	104829.4	-4705.7
4394	10.0	103347.5	-4706.8	4484	10.2	104127.2	-4736.6	4574	10.2	104843.4	-4733.9
4395	10.2	103354.0	-4745.6	4485	9.8	104128.2	-4718.8	4575	10.0	104845.9	-4724.0
4396	10.2	103354.4	-4725.2	4486	9.7	104131.2	-4725.2	4576	10.2	104848.4	-4724.8
4397	10.0	103400.0	-4726.6	4487	10.2	104131.7	-4746.4	4577	9.5	104853.9	-4753.5
4398	9.8	103402.5	-4723.3	4488	10.2	104136.7	-4736.1	4578	9.8	104856.1	-4757.2
4399	9.5	103403.5	-4734.0	4489	9.7	104141.2	-4722.1	4579	10.0	104857.6	-4700.1
4400	10.2	103407.0	-4758.2	4490	10.2	104151.7	-4740.2	4580	10.2	104858.4	-4750.7
4401	10.0	103407.5	-4733.4	4491	9.9	104153.2	-4748.5	4581	8.9	104859.4	-4752.3
4402	10.0	103408.5	-4741.4	4492	10.0	104206.2	-4740.9	4582	9.8	104906.4	-4748.1
4403	10.2	103410.5	-4739.0	4493	10.2	104210.7	-4748.7	4583	9.8	104907.4	-4736.4
4404	9.8	103411.0	-4721.3	4494	10.2	104216.2	-4730.2	4584	10.2	104907.9	-4754.5
4405	9.8	103411.0	-4754.9	4495	10.2	104220.9	-4701.3	4585	9.9	104909.6	-4700.5
4406	9.7	103424.0	-4731.3	4496	9.4	104230.2	-4724.5	4586	10.2	104923.4	-4718.5
4407	10.2	103427.0	-4733.1	4497	10.2	104233.2	-4736.1	4587	9.9	104939.4	-4704.5
4408	9.4	103433.0	-4742.0	4498	10.2	104237.7	-4741.0	4588	10.2	104949.4	-4716.9
4409	9.8	103440.0	-4711.8	4499	9.8	104240.4	-4700.1	4589	10.2	104951.4	-4735.4
4410	8.7	103440.5	-4725.0	4500	9.0	104244.2	-4727.0	4590	10.2	104956.1	-4718.0
4411	9.9	103443.0	-4711.6	4501	10.2	104252.2	-4754.0	4591	10.2	104958.4	-4721.8
4412	10.2	103443.5	-4729.0	4502	10.2	104300.2	-4740.5	4592	9.8	105010.9	-4730.3
4413	10.2	103447.5	-4735.0	4503	10.2	104301.7	-4757.1	4593	9.9	105011.2	-4751.4
4414	10.2	103451.4	-4716.7	4504	10.2	104308.2	-4733.0	4594	10.2	105021.1	-4704.2
4415	10.0	103456.0	-4754.4	4505	7.7	104311.7	-4741.4	4595	10.0	105030.9	-4723.9
4416	10.2	103503.5	-4729.9	4506	7.8	104316.2	-4705.4	4596	9.4	105035.2	-4748.8
4417	10.0	103511.5	-4705.8	4507	10.2	104323.2	-4712.0	4597	10.4	105036.9	-4755.4
4418	10.2	103517.0	-4732.4	4508	10.2	104323.7	-4726.4	4598	10.4	105038.6	-4756.9
4419	8.3	103531.0	-4722.3	4509	10.2	104324.7	-4755.3	4599	7.9	105040.7	-4725.4
4420	9.4	103534.5	-4730.3	451	10.2	104327.2	-4717.1	4600	10.3	105040.9	-4703.5
4421	9.9	103535.0	-4757.3	451	9.8	104331.7	-4700.1	4601	10.3	105041.4	-4701.9
4422	10.0	103538.0	-4735.7	451	10.0	104334.7	-4751.8	4602	10.0	105043.4	-4734.0
4423	10.2	103538.5	-4727.4	451	9.5	104335.7	-4729.8	4603	8.1	105058.9	-4739.8
4424	9.9	103547.0	-4752.9	4514	9.8	104340.7	-4706.7	4604	9.9	105058.9	-4748.7
4425	8.9	103550.2	-4722.9	4515	10.2	104350.7	-4754.6	4605	9.9	105102.6	-4741.4
4426	9.9	103550.5	-4721.6	4516	10.2	104353.7	-4734.2	4606	10.3	105109.1	-4700.6
4427	9.4	103603.2	-4725.0	4517	9.6	104354.7	-4717.3	4607	10.0	105117.4	-4706.7
4428	9.7	103608.2	-4724.3	4518	9.7	104357.2	-4702.1	4608	10.3	105124.6	-4757.2
4429	10.2	103608.2	-4724.7	4519	9.7	104358.2	-4736.3	4609	10.2	105142.4	-4724.1
4430	9.9	103609.7	-4707.4	4520	9.0	104401.2	-4702.0	4610	10.0	105143.9	-4743.8
4431	10.0	103628.2	-4720.2	4521	9.5	104401.7	-4742.0	4611	9.3	105148.4	-4723.4
4432	10.2	103632.7	-4720.0	4522	9.2	104410.2	-4744.0	4612	10.0	105148.4	-4706.4
4433	9.9	103638.2	-4726.7	4523	9.4	104411.2	-4704.2	4613	9.8	105210.9	-4714.5
4434	9.9	103642.7	-4747.7	4524	10.2	104413.7	-4724.7	4614	10.4	105227.9	-4751.4
4435	9.9	103646.2	-4749.3	4525	10.2	104414.2	-4751.8	4615	10.3	105231.9	-4710.1
4436	10.2	103646.7	-4723.8	4526	8.5	104421.2	-4706.3	4616	10.3	105242.9	-4716.0
4437	9.5	103648.7	-4744.9	4527	9.8	104421.7	-4708.3	4617	10.3	105243.4	-4710.6
4438	9.9	103706.7	-4753.0	4528	10.0	104424.2	-4741.0	4618	10.4	105248.4	-4706.5
4439	9.9	103709.7	-4730.3	4529	10.2	104441.7	-4706.7	4619	10.0	105251.4	-4706.3
4440	9.8	103712.7	-4743.7	4530	9.8	104448.2	-4745.2	4620	9.5	105314.4	-4714.1
4441	10.2	103716.7	-4740.2	4531	9.1	104449.7	-4717.6	4621	9.8	105314.4	-4744.0
4442	10.2	103717.2	-4711.4	4532	10.2	104452.2	-4744.1	4622	10.4	105317.4	-4702.7
4443	10.2	103719.2	-4727.2	4533	10.0	104504.7	-4710.4	4623	10.0	105324.9	-4759.9
4444	10.2	103720.7	-4708.2	4534	9.1	104505.7	-4717.7	4624	10.0	105326.9	-4704.5
4445	10.0	103723.7	-4753.1	4535	9.8	104519.1	-4745.9	4625	10.0	105342.4	-4730.0
4446	10.2	103740.2	-4727.2	4536	10.0	104519.6	-4702.8	4626	9.6	105355.4	-4704.7
4447	8.0	103744.2	-4757.9	4537	9.5	104520.8	-4740.5	4627	9.6	105358.9	-4708.5
4448	9.7	103747.7	-4715.3	4538	10.0	104521.6	-4750.8	4628	10.3	105403.9	-4703.4
4449	9.7	103756.7	-4712.6	4539	9.6	104522.1	-4700.8	4629	10.4	105407.4	-4701.7
4450	10.2	103758.3	-4757.7	4540	10.2	104527.6	-4727.1	4630	10.4	105410.9	-4754.7
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4452	10.2	103806.7	-4705.4	4542	9.7	104532.6	-4743.1	4632	9.3	105418.4	-4758.8
4453	9.6	103809.2	-4724.2	4543	10.2	104533.6	-4722.2	4633	10.2	105423.1	-4701.0
4454	10.2	103826.2	-4741.2	4544	9.6	104534.1	-4705.2	4634	9.8	105423.9	-4754.8
4455	8.6	103828.2	-4735.0	4545	9.0	104538.6	-4750.4	4635	9.9	105428.4	-4718.4
4456	10.0	103831.2	-4756.5	4546	10.2	104543.6	-4733.6	4636	10.0	105430.9	-4711.9
4457	9.9	103834.2	-4731.3	4547	10.2	104559.6	-4727.6	4637	9.5	105440.4	-4748.0
4458	10.0	103836.2	-4724.5	4548	9.6	104604.1	-4758.4	4638	10.0	105444.4	-4716.1
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4460	9.5	103847.2	-4743.1	4550	9.0	104621.1	-4724.4	4640	10.2	105449.9	-4732.7
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4643	10.4	105509.4	-4708.0
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4647	9.5	105534.9	-4721.0
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4649	9.8	105537.9	-4707.6
4650	10.4	105539.9	-4756.4
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4664	9.3	105702.4	-4747.1
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4666	10.4	105705.9	-4748.9
4667	10.0	105707.4	-4735.1
4668	10.2	105708.9	-4712.7
4669	9.8	105715.4	-4702.5
4670	10.0	105716.9	-4720.7
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4672	10.4	105721.4	-4710.3
4673	10.4	105730.4	-4736.0
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4686	10.4	105831.4	-4713.9
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4691	6.9	105853.9	-4700.5
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4693	10.4	105911.4	-4715.3
4694	10.4	105915.9	-4708.9
4695	10.4	105916.9	-4704.7
4696	10.0	105919.4	-4755.6
4697	7.8	105920.9	-4731.3
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4710	10.4	105952.9	-4735.6
4711	9.8	105954.4	-4705.1
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-47 4733 11h00m

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4810 9.1 110525.4 -4709.9	4900 9.8 111110.0 -4735.1	4990 10.0 111657.2 -4707.0	5080 10.3 112855.9 -4739.1
4811 8.6 110526.9 -4713.5	4901 10.3 111117.5 -4739.5	4991 10.4 111706.2 -4719.7	5081 9.2 112907.9 -4757.3
4812 10.4 110527.9 -4732.9	4902 9.2 111121.5 -4727.1	4992 10.4 111710.2 -4752.9	5082 10.3 112923.4 -4735.8
4813 10.4 110531.4 -4719.7	4903 10.3 111137.0 -4748.1	4993 9.4 111710.7 -4733.2	5083 10.0 112925.4 -4726.9
4814 10.4 110533.9 -4706.0	4904 10.2 111139.5 -4759.9	4994 10.3 111719.2 -4732.6	5084 10.3 112927.4 -4742.2
4815 10.3 110537.9 -4752.4	4905 10.4 111141.5 -4759.1	4995 10.0 111725.2 -4758.6	5085 10.1 112933.9 -4727.8
4816 10.0 110544.9 -4704.8	4906 9.3 111146.5 -4739.8	4996 10.4 111725.7 -4737.8	5086 9.6 112941.4 -4710.1
4817 10.0 110551.4 -4738.5	4907 10.4 111149.5 -4723.3	4997 10.4 111734.7 -4735.6	5087 10.2 112945.4 -4758.7
4818 9.6 110551.4 -4723.9	4908 9.7 111150.5 -4759.0	4998 10.0 111738.2 -4704.2	5088 10.3 113001.9 -4703.3
4819 9.3 110604.4 -4747.8	4909 10.0 111155.5 -4714.9	4999 10.2 111749.7 -4752.8	5089 8.3 113003.4 -4732.2
4820 10.2 110611.4 -4758.9	4910 10.4 111158.0 -4726.4	5000 10.3 111754.7 -4752.2	5090 9.5 113004.9 -4701.0
4821 9.8 110617.9 -4721.5	4911 10.2 111159.5 -4722.2	5001 10.2 111759.7 -4711.5	5091 9.6 113012.4 -4718.0
4822 9.9 110621.4 -4733.8	4912 10.4 111201.0 -4724.1	5002 9.5 111801.4 -4727.2	5092 9.8 113012.4 -4732.9

-47 5092 11h30m

-47 5093 11h30m

-47 5452 12h10m

5093	8.6	113017.9	-4717.5	5183	10.3	114327.9	-4729.3	5273	9.1	115309.7	-4752.9	5363	10.2	120230.7	-4705.0
5094	10.3	113045.4	-4739.0	5184	10.3	114328.4	-4732.0	5274	9.8	115309.2	-4732.8	5364	10.3	120237.2	-4746.2
5095	8.0	113046.9	-4718.1	5185	10.3	114335.4	-4712.8	5275	8.8	115320.7	-4732.7	5365	10.6	120256.2	-4726.0
5096	9.8	113049.9	-4724.9	5186	10.3	114339.4	-4732.5	5276	8.6	115331.7	-4736.7	5366	10.2	120300.7	-4755.8
5097	10.0	113059.4	-4719.1	5187	10.0	114349.4	-4740.3	5277	10.5	115345.2	-4742.1	5367	9.4	120305.2	-4710.2
5098	8.3	113101.9	-4741.2	5188	9.6	114349.9	-4731.4	5278	10.6	115353.7	-4713.6	5368	10.6	120308.2	-4709.5
5099	9.6	113103.9	-4737.4	5189	10.3	114353.4	-4706.8	5279	10.6	115401.7	-4738.3	5369	10.0	120311.7	-4756.2
5100	7.2	113130.9	-4703.3	5190	10.3	114401.4	-4726.9	5280	10.6	115403.2	-4706.9	5370	10.6	120312.2	-4731.2
5101	10.3	113132.9	-4726.5	5191	9.6	114401.9	-4700.6	5281	10.6	115418.7	-4734.4	5371	10.6	120316.2	-4705.6
5102	10.3	113143.9	-4725.3	5192	9.6	114404.4	-4707.4	5282	8.0	115428.7	-4742.3	5372	10.5	120320.2	-4749.2
5103	10.3	113150.9	-4703.3	5193	9.4	114431.4	-4745.0	5283	10.6	115441.2	-4738.0	5373	9.2	120330.5	-4703.0
5104	10.2	113152.9	-4738.9	5194	10.2	114431.4	-4728.5	5284	10.6	115441.2	-4710.1	5374	9.9	120332.2	-4755.6
5105	10.3	113222.4	-4705.2	5195	9.4	114432.4	-4734.1	5285	10.5	115454.0	-4701.8	5375	9.7	120332.7	-4731.0
5106	8.6	113224.4	-4744.6	5196	10.3	114439.9	-4731.0	5286	9.9	115454.2	-4715.7	5376	10.2	120337.2	-4714.2
5107	9.6	113231.4	-4716.2	5197	10.3	114447.9	-4740.2	5287	10.2	115502.2	-4737.3	5377	9.4	120339.7	-4754.5
5108	10.3	113239.9	-4710.9	5198	10.0	114447.9	-4733.7	5288	10.0	115512.0	-4757.1	5378	10.3	120342.7	-4725.4
5109	7.9	113242.9	-4709.5	5199	10.2	114459.9	-4730.1	5289	9.9	115514.7	-4711.3	5379	8.8	120343.2	-4723.4
5110	9.6	113252.4	-4745.6	5200	10.3	114500.3	-4700.5	5290	9.4	115521.7	-4740.3	5380	10.6	120357.3	-4727.8
5111	10.3	113256.2	-4713.8	5201	10.3	114505.9	-4753.9	5291	8.2	115521.7	-4730.7	5381	10.6	120358.8	-4722.2
5112	9.8	113318.2	-4739.6	5202	10.3	114516.9	-4753.8	5292	10.3	115531.7	-4734.7	5382	10.4	120409.3	-4728.2
5113	8.8	113322.2	-4747.3	5203	10.3	114517.0	-4709.8	5293	10.0	115535.5	-4703.0	5383	10.6	120420.8	-4719.3
5114	9.6	113326.2	-4704.0	5204	9.5	114531.5	-4704.0	5294	10.5	115539.7	-4736.7	5384	10.0	120422.0	-4701.0
5115	10.0	113333.7	-4715.9	5205	10.1	114537.4	-4708.2	5295	10.0	115545.2	-4722.5	5385	10.6	120426.5	-4701.2
5116	10.3	113338.2	-4718.0	5206	10.3	114540.3	-4745.5	5296	10.6	115548.7	-4752.1	5386	10.0	120427.3	-4738.2
5117	10.3	113338.2	-4753.6	5207	10.6	114610.1	-4702.0	5297	10.6	115553.7	-4727.1	5387	10.6	120440.8	-4722.6
5118	9.6	113344.7	-4716.2	5208	9.8	114621.1	-4759.3	5298	10.6	115557.2	-4734.7	5388	10.6	120440.8	-4739.2
5119	10.3	113345.2	-4751.0	5209	7.9	114629.0	-4758.1	5299	9.9	115601.7	-4714.7	5389	10.6	120445.3	-4729.3
5120	10.0	113346.2	-4728.6	5210	10.6	114631.6	-4711.7	5300	10.3	115603.2	-4706.0	5390	10.2	120450.8	-4711.2
5121	10.3	113347.0	-4720.2	5211	10.0	114633.6	-4725.9	5301	10.6	115604.2	-4710.7	5391	9.8	120451.3	-4712.6
5122	10.3	113413.2	-4703.0	5212	9.0	114638.1	-4734.4	5302	10.3	115604.5	-4701.0	5392	10.2	120454.3	-4728.0
5123	9.6	113426.7	-4707.8	5213	10.2	114640.1	-4720.7	5303	9.9	115606.2	-4718.1	5393	10.4	120501.3	-4734.9
5124	10.0	113427.7	-4702.5	5214	10.0	114651.1	-4717.7	5304	10.3	115610.5	-4700.6	5394	10.5	120518.8	-4713.8
5125	9.6	113435.7	-4738.3	5215	10.3	114658.6	-4710.4	5305	9.9	115615.2	-4714.3	5395	9.4	120530.3	-4749.4
5126	10.3	113448.2	-4738.2	5216	10.3	114659.1	-4746.3	5306	9.4	115637.9	-4733.0	5396	10.2	120535.3	-4702.9
5127	10.2	113450.7	-4718.9	5217	10.6	114704.6	-4736.7	5307	10.6	115638.9	-4739.9	5397	10.6	120543.3	-4726.4
5128	9.8	113457.2	-4724.2	5218	9.5	114724.1	-4723.7	5308	10.6	115641.9	-4759.9	5398	10.6	120557.3	-4753.3
5129	9.8	113501.2	-4707.8	5219	10.6	114738.1	-4714.9	5309	7.4	115642.4	-4729.9	5399	9.4	120608.3	-4746.3
5130	10.0	113504.7	-4715.4	5220	9.6	114739.6	-4752.5	5310	10.0	115649.4	-4751.1	5400	10.3	120611.3	-4738.0
5131	9.4	113506.2	-4729.9	5221	9.9	114744.6	-4710.9	5311	10.2	115654.9	-4722.0	5401	10.5	120614.8	-4720.0
5132	10.3	113550.7	-4727.2	5222	10.6	114755.6	-4728.0	5312	10.4	115705.9	-4727.3	5402	10.6	120615.3	-4700.0
5133	10.3	113602.2	-4730.9	5223	10.2	114813.6	-4711.9	5313	9.2	115721.4	-4745.9	5403	10.6	120624.8	-4713.9
5134	8.4	113611.7	-4728.8	5224	9.9	114818.1	-4734.8	5314	8.8	115738.9	-4724.7	5404	10.6	120634.3	-4713.0
5135	10.3	113626.7	-4704.5	5225	10.6	114844.1	-4732.3	5315	10.6	115739.4	-4749.5	5405	10.6	120647.3	-4754.0
5136	9.8	113702.4	-4759.7	5226	10.6	114844.6	-4725.3	5316	10.6	115750.7	-4716.7	5406	10.6	120649.3	-4709.6
5137	9.8	113703.2	-4733.1	5227	10.0	114845.6	-4723.9	5317	9.9	115750.9	-4712.5	5407	10.6	120649.8	-4734.8
5138	10.3	113703.7	-4755.5	5228	10.6	114852.1	-4704.7	5318	10.6	115751.7	-4745.5	5408	10.4	120650.8	-4715.4
5139	10.3	113711.7	-4718.9	5229	10.6	114900.6	-4733.8	5319	10.6	115752.4	-4716.5	5409	10.4	120653.8	-4751.0
5140	10.3	113719.7	-4701.9	5230	9.8	114909.6	-4743.1	5320	10.0	115755.9	-4745.4	5410	10.6	120701.3	-4714.9
5141	10.2	113727.0	-4755.2	5231	10.6	114935.1	-4706.0	5321	10.0	115811.4	-4712.0	5411	10.4	120703.3	-4741.0
5142	9.6	113733.6	-4758.5	5232	10.6	114940.6	-4752.2	5322	10.2	115821.4	-4706.3	5412	10.6	120704.8	-4757.8
5143	9.0	113733.7	-4713.9	5233	10.5	114942.3	-4750.9	5323	9.8	115826.4	-4716.1	5413	10.5	120708.3	-4722.3
5144	9.8	113743.2	-4716.0	5234	9.6	114945.3	-4738.9	5324	10.3	115831.9	-4736.3	5414	10.2	120710.8	-4716.8
5145	9.0	113755.8	-4716.5	5235	10.0	114946.8	-4713.3	5325	10.6	115833.9	-4723.5	5415	10.2	120714.8	-4741.2
5146	9.1	113759.8	-4731.1	5236	10.6	114958.3	-4738.9	5326	10.6	115836.3	-4759.8	5416	10.6	120725.8	-4718.7
5147	10.0	113801.3	-4707.0	5237	10.6	115001.8	-4738.2	5327	10.6	115844.4	-4713.7	5417	10.0	120727.8	-4740.9
5148	10.0	113803.3	-4749.9	5238	10.2	115009.8	-4708.9	5328	10.6	115849.4	-4705.5	5418	10.5	120728.8	-4751.0
5149	10.3	113818.8	-4720.0	5239	10.5	115027.3	-4702.9	5329	10.6	115852.3	-4700.4	5419	10.0	120731.3	-4718.2
5150	10.2	113821.8	-4750.0	5240	10.0	115034.1	-4757.8	5330	9.4	115857.4	-4737.0	5420	9.4	120737.3	-4730.4
5151	9.6	113907.3	-4729.2	5241	10.6	115041.3	-4758.0	5331	10.2	115900.9	-4720.5	5421	10.6	120741.8	-4705.0
5152	10.0	113908.8	-4756.3	5242	10.0	115047.8	-4727.4	5332	10.3	115901.4	-4700.7	5422	9.5	120741.8	-4749.6
5153	10.1	113913.3	-4707.0	5243	9.6	115059.8	-4756.0	5333	10.6	115903.7	-4758.6	5423	10.6	120754.8	-4759.4
5154	9.6	113919.8	-4745.6	5244	8.8	115108.3	-4757.8	5334	10.5	115914.4	-4751.3	5424	10.2	120754.8	-4750.5
5155	10.3	113932.8	-4752.3	5245	10.6	115124.3	-4738.8	5335	10.6	115916.9	-4728.2	5425	9.4	120759.3	-4744.6
5156	8.6	113933.3	-4734.1	5246	10.3	115132.6	-4757.9	5336	10.6	115917.4	-4739.7	5426	10.6	120800.3	-4756.6
5157	10.3	113936.8	-4715.7	5247	10.6	115133.3	-4736.1	5337	10.6	115927.9	-4729.1	5427	10.2	120801.3	-4757.9
5158	8.6	114003.3	-4730.9	5248	10.4	115133.8	-4718.2	5338	10.0	115942.9	-4704.0	5428	10.5	120802.3	-4750.4
5159	9.6	114005.8	-4754.9	5249	10.5	115134.8	-4712.8	5339	10.6	115949.4	-4728.3	5429	10.1	120804.5	-4757.6
5160	9.2	114008.8	-4734.9	5250	9.4	115138.3	-4721.9	5340	10.4	115956.7	-4712.0	5430	10.6	120806.8	-4701.9
5161	10.1	114011.3	-4710.5	5251	10.5	115139.8	-4722.8	5341	9.7	120003.7	-4759.8	5431	9.4	120811.8	-4749.7
5162	8.8	114018.3	-4752.2	5252	9.9	115141.3	-4744.5	5342	10.6	120012.2	-4739.2	5432	10.6	120819.8	-4716.5
5163	10.3	114023.3	-4708.9	5253	10.6	115154.3	-4744.9	5343	10.0	120029.7	-4714.7	5433	8.2	120823.3	-4715.2
5164	9.4	114024.8	-4732.6	5254	7.4	115156.8	-4716.7	5344	10.0	120048.2	-4718.2	5434	9.8	120824.3	-4725.1
5165	10.1	114034.3	-4726.4	5255	9.9	115157.3	-4742.2	5345	9.9	120053.7	-4736.2	5435	10.0	120826.3	-4756.0
5166	10.3	114039.3	-4714.4	5256	10.2	115159.3	-4744.0	5346	10.6	120104.7	-4726.4	5436	9.5	120834.8	-4744.5
5167	10.0	114058.8	-4747.6	5257	9.9	115159.3	-4704.6	5347	10.3	120107.2	-4741.6	5437	10.0	120843.3	-4707.4
5168	9.9	114100.7	-4759.4	5258	7.9	115208.3	-4709.2	5348	10.5	120112.7	-4714.0	5438	10.2	120850.3	-4722.5
5169	9.8	114105.8	-4758.3	5259	10.3	115209.8	-4710.6	5349	9.5	120113.7	-4721.6	5439	10.5	120854.3	-4751.0
5170	9.8	114124.8	-4715.5	5260	10.6	115223.8	-4703.9	5350	10.4	120119.7	-4746.6	5440	10.3	120857.8	-4730.0
5171	10.3	114125.3	-4708.9	5261	8.2	115226.3	-4756.8	5351	9.9	120122.2	-4706.6	5441	8.8	120905.8	-4743.4
5172	9.6	114131.8	-4722.9	5262	10.6	115231.3	-4754.1	5352	10.2	120140.2	-4707.0	5442	9.4	120909.3	-4726.3
5173	10.3	114136.3	-4748.0	5263	9.2	115233.8	-4722.5	5353	6.0	120146.7	-4759.8	5443	10.6	120919.8	-4733.0
5174	10.2	114139.3	-4712.5	5264	10.6	115236.8	-4729.9	5354	10.6	120147.2	-4703.4	5444	10.2	120924.8	-4745.2
5175	10.3	114209.8	-4755.2	5265	8.1	115242.8	-4738.7	5355	10.5	120149.2	-4728.2	5445	10.4	120926.8	-4718.8
5176	10.3	114248.3	-4750.3	5266	10.5	115249.8	-4711.9	5356	10.6	120155.7	-4748.8	5446	10.6	120932.8	-4748.8
5177	10.3	114308.3	-4732.8	5267	9.9	115257.3	-4704.6	5357	9.9	120200.7	-4719.0	5447	10.0	120952.3	-4749.2
5178	9.6	114309.3	-4701.3	5268	10.6	115259.5	-4758.4	5358	9.4	120215.2	-4713.6	5448	9.9	120952.8	-4745.8
5179	10.3	114310.4	-4706.9	5269	10.0	115259.8	-4754.2	5359	9.5	120218.2	-4741.1	5449	9.4	121001.3	-4740.6
5180	9.8	114310.9	-4719.2	5270	10.5	115300.8	-4711.0	5360	10.6	120222.7	-4754.2	5450	10.6	121010.3	-4752.6
5181	10.1	114317.4	-4734.1	5271	10.2	115302.3	-4713.6	5361	10.4	120227.7	-4715.0	5451	9.9	121011.3	-4723.0
5182	10.3	114323.3	-4747.4	5272	10.6	115303.8	-4748.9	5362	9.9	120230.2	-4718.0	5452	9.4	121014.3	-4703.0

-47 5453 12h10m

5453	10.3	121019.3	-4748.8
5454	10.5	121022.3	-4742.6
5455	10.6	121028.3	-4706.3
5456	10.3	121034.3	-4701.2
5457	9.9	121039.7	-4702.5
5458	10.6	121040.8	-4720.0
5459	9.1	121042.8	-4735.2
5460	9.7	121045.3	-4733.3
5461	10.6	121046.3	-4749.9
5462	10.0	121047.8	-4748.8
5463	10.2	121050.8	-4718.9
5464	9.7	121058.8	-4716.4
5465	10.5	121100.8	-4726.7
5466	10.6	121100.8	-4732.2
5467	10.3	121125.3	-4726.5
5468	10.6	121149.3	-4717.9
5469	9.2	121151.3	-4714.6
5470	10.2	121154.3	-4743.2
5471	10.4	121159.3	-4713.1
5472	10.3	121215.3	-4717.5
5473	10.0	121223.3	-4716.1
5474	10.6	121227.8	-4725.7
5475	10.6	121230.3	-4719.3
5476	9.7	121239.3	-4706.2
5477	7.9	121240.3	-4708.1
5478	9.9	121243.8	-4743.1
5479	10.2	121247.3	-4738.1
5480	10.6	121313.8	-4719.7
5481	9.7	121315.3	-4700.5
5482	10.0	121317.4	-4702.2
5483	7.6	121318.2	-4737.3
5484	9.9	121321.3	-4706.5
5485	8.2	121327.8	-4706.3
5486	10.6	121334.8	-4707.9
5487	10.2	121335.8	-4746.3
5488	10.2	121339.3	-4731.5
5489	8.4	121340.8	-4706.2
5490	10.6	121344.8	-4755.9
5491	10.6	121354.3	-4736.7
5492	10.3	121357.5	-4701.0
5493	10.3	121400.8	-4734.0
5494	9.8	121409.7	-4750.1
5495	9.6	121415.5	-4757.9
5496	9.4	121419.3	-4754.8
5497	9.4	121419.8	-4701.9
5498	10.6	121419.8	-4705.2
5499	10.3	121422.3	-4704.8
5500	10.4	121430.8	-4703.7
5501	10.3	121432.8	-4741.9
5502	8.6	121433.9	-4721.5
5503	9.8	121439.1	-4719.5
5504	9.8	121525.6	-4759.8
5505	9.8	121528.7	-4756.9
5506	9.2	121535.6	-4748.4
5507	9.2	121537.1	-4727.7
5508	10.3	121539.3	-4758.1
5509	9.6	121554.6	-4732.9
5510	9.0	121558.5	-4757.3
5511	9.8	121608.6	-4722.7
5512	9.8	121608.8	-4758.1
5513	9.4	121612.1	-4722.1
5514	9.2	121613.1	-4720.9
5515	9.8	121628.1	-4726.1
5516	9.8	121659.6	-4716.2
5517	9.8	121711.1	-4724.3
5518	9.8	121715.1	-4723.5
5519	10.1	121746.7	-4758.4
5520	9.8	121754.0	-4756.7
5521	9.8	121806.1	-4733.0
5522	8.8	121808.1	-4735.7
5523	8.4	121827.6	-4736.9
5524	9.0	121829.1	-4731.8
5525	9.8	121908.6	-4714.1
5526	9.2	121927.1	-4733.3
5527	9.3	121929.6	-4717.9
5528	9.8	121929.6	-4712.1
5529	9.8	121947.1	-4712.0
5530	9.0	122019.1	-4720.1
5531	9.4	122023.6	-4714.6
5532	9.3	122043.1	-4709.3
5533	8.9	122049.1	-4725.9
5534	9.0	122100.4	-4700.2
5535	9.2	122106.6	-4749.4
5536	9.8	122107.1	-4733.9
5537	9.8	122109.3	-4758.2
5538	9.8	122148.1	-4713.7
5539	9.6	122212.1	-4710.9
5540	9.6	122213.6	-4755.3
5541	9.6	122214.1	-4734.9
5542	9.8	122240.4	-4758.7
5543	9.8	122251.6	-4701.3
5544	9.8	122305.1	-4710.1
5545	9.6	122305.6	-4710.4
5546	9.8	122305.6	-4743.8
5547	9.4	122317.1	-4702.3
5548	10.3	122322.7	-4759.0
5549	9.8	122326.6	-4715.2
5550	9.0	122332.1	-4738.9
5551	9.6	122341.1	-4722.5
5552	9.4	122351.6	-4716.4
5553	9.3	122359.6	-4702.5
5554	9.6	122442.1	-4753.0
5555	9.0	122442.8	-4700.1
5556	8.6	122505.1	-4756.1
5557	10.3	122505.7	-4758.4
5558	9.8	122523.1	-4719.2
5559	9.8	122527.1	-4716.4
5560	8.4	122539.1	-4700.2
5561	9.0	122545.1	-4744.5
5562	9.5	122610.1	-4738.4
5563	9.6	122625.6	-4754.9
5564	9.8	122631.1	-4728.6
5565	8.8	122636.1	-4721.3
5566	9.3	122646.6	-4716.6
5567	9.6	122657.1	-4746.8
5568	8.9	122707.6	-4754.7
5569	9.4	122714.1	-4729.0
5570	9.6	122722.6	-4705.7
5571	9.8	122722.7	-4731.5
5572	9.8	122723.1	-4730.5
5573	9.8	122750.6	-4719.5
5574	9.6	122759.1	-4719.4
5575	9.8	122806.1	-4741.1
5576	9.8	122809.1	-4747.5
5577	9.8	122838.6	-4709.4
5578	9.8	122849.1	-4746.6
5579	9.8	122900.6	-4711.4
5580	8.8	122917.1	-4746.3
5581	9.8	122920.6	-4722.0
5582	9.6	122931.6	-4743.0
5583	9.8	122952.1	-4713.9
5584	8.6	123000.1	-4733.9
5585	9.5	123025.6	-4742.9
5586	9.3	123031.6	-4711.4
5587	9.8	123037.6	-4712.4
5588	5.3	123053.1	-4751.2
5589	9.8	123053.1	-4753.3
5590	9.8	123111.1	-4746.0
5591	9.4	123113.1	-4729.1
5592	9.8	123116.6	-4727.8
5593	9.8	123129.5	-4758.9
5594	9.8	123130.0	-4758.1
5595	7.6	123140.1	-4715.2
5596	9.8	123141.1	-4737.9
5597	9.8	123145.6	-4739.5
5598	9.6	123150.1	-4709.1
5599	8.8	123200.1	-4746.1
5600	9.5	123239.1	-4751.1
5601	8.8	123300.6	-4717.1
5602	9.2	123323.1	-4718.2
5603	9.3	123331.6	-4714.1
5604	8.7	123339.1	-4725.1
5605	9.8	123341.6	-4728.3
5606	9.6	123344.6	-4727.1
5607	9.8	123345.6	-4714.1
5608	9.8	123348.1	-4756.5
5609	9.2	123351.1	-4721.5
5610	9.8	123408.1	-4733.6
5611	9.3	123449.6	-4747.1
5612	9.3	123533.6	-4702.3
5613	9.8	123538.6	-4703.0
5614	9.8	123539.6	-4717.7
5615	8.6	123554.1	-4714.5
5616	9.0	123629.1	-4732.0
5617	9.0	123635.1	-4745.2
5618	9.2	123636.8	-4700.6
5619	9.8	123639.6	-4730.8
5620	9.8	123646.6	-4701.9
5621	9.4	123702.1	-4713.5
5622	9.6	123702.3	-4729.6
5623	9.8	123710.8	-4744.8
5624	9.3	123737.8	-4708.7
5625	9.8	123742.8	-4711.5
5626	8.4	123743.3	-4736.1
5627	9.3	123747.8	-4732.5
5628	9.8	123801.3	-4717.0
5629	9.6	123801.3	-4701.5
5630	9.8	123803.8	-4717.7
5631	9.8	123809.3	-4720.9
5632	9.3	123810.3	-4701.9
5633	10.3	123810.5	-4758.7
5634	9.2	123817.8	-4739.5
5635	9.3	123819.3	-4722.7
5636	9.2	123824.3	-4746.1
5637	7.6	123825.8	-4729.1
5638	9.8	123837.8	-4752.5
5639	8.3	123846.8	-4737.6
5640	9.5	123854.3	-4728.0
5641	9.3	123902.3	-4721.8
5642	9.4	123914.3	-4737.1
5643	8.3	123923.8	-4755.7
5644	9.5	123937.3	-4731.0
5645	9.4	123956.3	-4718.3
5646	9.6	124009.8	-4750.7
5647	10.3	124010.5	-4759.0
5648	9.8	124020.8	-4710.5
5649	9.8	124025.8	-4749.0
5650	9.2	124032.3	-4758.2
5651	9.8	124042.8	-4727.1
5652	9.8	124044.3	-4721.9
5653	8.6	124051.9	-4703.9
5654	9.2	124053.4	-4756.3
5655	10.0	124057.4	-4731.7
5656	9.9	124057.9	-4720.7
5657	9.2	124118.8	-4759.1
5658	10.0	124121.4	-4759.7
5659	10.2	124122.5	-4718.9
5660	10.0	124122.5	-4737.9
5661	10.2	124124.9	-4714.4
5662	10.0	124126.4	-4702.5
5663	9.5	124130.6	-4752.2
5664	9.9	124204.6	-4727.2
5665	9.6	124229.4	-4749.8
5666	9.5	124230.7	-4755.5
5667	9.0	124233.1	-4737.5
5668	9.8	124233.3	-4758.3
5669	9.6	124235.4	-4753.6
5670	10.2	124239.4	-4750.8
5671	9.8	124248.4	-4711.7
5672	10.2	124304.9	-4752.1
5673	10.2	124307.4	-4732.1
5674	7.1	124319.4	-4746.6
5675	10.0	124323.9	-4719.2
5676	9.5	124328.4	-4723.8
5677	9.2	124332.4	-4723.7
5678	9.4	124343.0	-4703.0
5679	9.6	124401.4	-4742.9
5680	10.0	124402.9	-4730.3
5681	10.0	124407.4	-4718.3
5682	10.2	124417.4	-4707.8
5683	9.0	124419.4	-4756.9
5684	9.0	124420.4	-4725.3
5685	10.2	124424.4	-4750.3
5686	10.0	124429.4	-4743.1
5687	10.2	124429.4	-4747.0
5688	9.6	124435.9	-4738.1
5689	8.9	124449.9	-4724.0
5690	10.0	124452.4	-4751.4
5691	9.6	124457.9	-4756.9
5692	7.2	124503.4	-4724.8
5693	10.0	124510.9	-4713.9
5694	10.2	124519.7	-4702.1
5695	9.3	124526.9	-4724.5
5696	9.0	124531.4	-4746.5
5697	10.2	124548.4	-4746.4
5698	9.4	124551.4	-4719.8
5699	9.8	124556.9	-4731.5
5700	10.4	124610.4	-4757.0
5701	10.0	124627.4	-4721.1
5702	9.4	124627.9	-4758.3
5703	9.2	124627.9	-4735.0
5704	8.9	124627.9	-4712.5
5705	9.6	124631.4	-4741.9
5706	10.0	124641.4	-4740.9
5707	9.9	124642.9	-4722.9
5708	9.2	124647.4	-4744.8
5709	9.2	124655.4	-4754.3
5710	9.4	124706.9	-4717.2
5711	9.6	124708.9	-4733.9
5712	10.2	124718.4	-4704.6
5713	9.4	124719.9	-4758.2
5714	9.0	124728.4	-4748.9
5715	10.2	124735.4	-4710.0
5716	8.7	124737.9	-4722.9
5717	9.6	124738.4	-4750.0
5718	9.4	124739.4	-4750.6
5719	10.0	124743.4	-4726.0
5720	9.9	124759.4	-4745.8
5721	8.4	124803.9	-4724.8
5722	8.8	124810.4	-4706.4

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5723	10.2	124814.4	-4720.0
5724	10.2	124814.9	-4743.6
5725	9.6	124815.4	-4743.8
5726	10.2	124817.4	-4756.8
5727	9.4	124818.4	-4719.6
5728	9.0	124820.7	-4722.7
5729	9.6	124825.2	-4701.0
5730	10.2	124826.7	-4749.9
5731	10.2	124838.2	-4714.0
5732	10.2	124847.2	-4711.2
5733	9.3	124849.2	-4717.6
5734	7.6	124855.2	-4721.4
5735	9.6	124926.7	-4718.2
5736	9.0	124929.7	-4737.9
5737	7.7	124934.6	-4700.7
5738	10.2	124936.2	-4744.7
5739	9.5	124948.7	-4751.9
5740	10.2	124958.7	-4750.9
5741	9.5	124959.7	-4735.5
5742	10.2	125005.2	-4747.2
5743	8.5	125010.7	-4722.9
5744	8.0	125013.7	-4757.5
5745	9.9	125015.2	-4751.5
5746	10.2	125017.8	-4756.9
5747	10.2	125036.7	-4737.1
5748	10.2	125045.7	-4735.0
5749	9.5	125049.7	-4748.3
5750	9.4	125049.7	-4712.2
5751	9.6	125050.2	-4743.0
5752	9.6	125054.7	-4735.6
5753	10.2	125101.2	-4701.3
5754	9.9	125111.2	-4727.3
5755	10.2	125111.7	-4755.8
5756	9.0	125136.7	-4716.6
5757	9.3	125141.7	-4715.4
5758	9.5	125142.2	-4721.3
5759	10.2	125149.7	-4732.5
5760	10.2	125159.7	-4710.7
5761	10.2	125201.2	-4710.2
5762	9.9	125206.7	-4746.5
5763	10.2	125211.0	-4709.5
5764	8.0	125223.7	-4750.9
5765	9.5	125225.2	-4741.0
5766	10.2	125233.2	-4733.4
5767	9.6	125240.2	-4723.9
5768	10.0	125241.7	-4737.2
5769	10.2	125248.2	-4740.6
5770	9.6	125248.7	-4713.3
5771	10.2	125255.2	-4733.0
5772	10.2	125300.2	-4702.4
5773	10.0	125304.7	-4713.9
5774	7.7	125307.7	-4755.7
5775	10.2	125317.7	-4715.3
5776	9.4	125318.7	-4724.0
5777	10.2	125324.7	-4733.5
5778	10.2	125327.8	-4713.0
5779	9.6	125332.2	-4759.9
5780	9.8	125332.7	-4730.4
5781	10.2	125344.7	-4743.7
5782	9.9	125349.7	-4734.1
5783	9.8	125351.7	-4758.6
5784	10.0	125355.7	-4735.0
5785	10.2	125356.7	-4727.8
5786	10.2	125403.2	-4726.7
5787	10.2	125404.2	-4736.6
5788	10.2	125405.7	-4733.2
5789	10.2	125409.7	-4711.6
5790	10.0	125415.7	-4719.8
5791	10.2	125421.7	-4709.0
5792	9.5	125424.7	-4745.2
5793	10.0	125425.2	-4715.5
5794	10.0	125427.7	-4728.5
5795	8.7	125431.2	-4748.7
5796	9.5	125447.7	-4705.2
5797	9.6	125449.7	-4702.4
5798	10.2	125454.7	-4745.1
5799	8.3	125456.7	-4754.5
5800	10.0	125507.7	-4701.6
5801	10.2	125514.2	-4719.8
5802	8.8	125514.7	-4741.6
5803	9.6	125519.9	-4749.3
5804	10.2	125520.9	-4718.0
5805	9.6	125529.4	-4755.9
5806	9.5	125534.4	-4713.9
5807	10.2	125544.4	-4709.1
5808	9.6	125552.9	-4755.7
5809	9.5	125557.9	-4753.9
5810	9.6	125611.9	-4727.0
5811	10.0	125617.9	-4743.0
5812	9.6	125617.9	-4743.3

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5813	9.6	125619.9	-4702.7	5903	8.8	130531.8	-4729.8	5993	9.6	131653.7	-4714.7
5814	8.4	125623.4	-4742.8	5904	10.2	130539.8	-4740.0	5994	10.2	131703.7	-4721.5
5815	10.0	125628.9	-4751.9	5905	9.5	130540.8	-4737.3	5995	9.4	131704.2	-4731.1
5816	9.6	125649.9	-4729.7	5906	9.4	130542.3	-4739.3	5996	9.6	131710.7	-4755.5
5817	9.6	125652.4	-4750.5	5907	9.2	130548.8	-4746.2	5997	10.1	131726.2	-4720.2
5818	10.2	125657.9	-4746.9	5908	10.0	130609.8	-4707.6	5998	10.0	131728.7	-4738.8
5819	9.6	125659.9	-4706.5	5909	9.2	130615.8	-4725.0	5999	9.6	131730.7	-4724.2
5820	10.2	125708.4	-4742.2	5910	9.9	130627.8	-4755.7	6000	9.4	131740.7	-4742.7
5821	10.0	125713.9	-4708.1	5911	10.0	130633.8	-4735.3	6001	9.0	131748.7	-4731.9
5822	9.8	125715.9	-4719.9	5912	9.3	130640.5	-4701.2	6002	10.2	131755.2	-4717.5
5823	10.2	125715.9	-4754.7	5913	9.6	130644.3	-4721.3	6003	10.0	131801.7	-4734.3
5824	7.6	125718.4	-4727.5	5914	9.6	130644.8	-4725.8	6004	10.2	131812.2	-4712.2
5825	10.0	125719.9	-4714.7	5915	10.2	130647.2	-4758.9	6005	7.9	131817.7	-4709.8
5826	10.2	125720.9	-4723.9	5916	10.2	130650.3	-4717.4	6006	9.1	131818.7	-4735.8
5827	10.2	125727.4	-4729.9	5917	10.2	130655.8	-4748.0	6007	10.1	131825.7	-4743.0
5828	9.5	125731.9	-4737.1	5918	10.2	130658.8	-4714.6	6008	9.6	131826.5	-4757.2
5829	10.2	125738.9	-4717.7	5919	9.6	130700.0	-4758.1	6009	10.2	131827.2	-4729.6
5830	10.2	125741.4	-4746.5	5920	9.6	130704.8	-4713.9	6010	10.2	131827.7	-4753.1
5831	9.4	125749.9	-4725.3	5921	9.6	130707.8	-4737.0	6011	9.6	131828.7	-4752.1
5832	9.6	125750.9	-4708.5	5922	9.0	130715.6	-4729.0	6012	10.2	131837.2	-4748.0
5833	9.6	125752.9	-4727.2	5923	10.2	130719.6	-4706.2	6013	10.2	131843.4	-4701.2
5834	9.6	125808.9	-4700.1	5924	10.2	130719.6	-4731.3	6014	9.6	131848.7	-4708.0
5835	9.5	125809.9	-4730.8	5925	10.2	130721.1	-4739.3	6015	9.4	131848.7	-4741.8
5836	9.0	125815.9	-4731.9	5926	9.4	130721.9	-4700.2	6016	9.7	131853.7	-4742.7
5837	9.6	125822.4	-4722.3	5927	10.0	130731.6	-4729.3	6017	9.2	131857.7	-4736.5
5838	10.0	125826.9	-4719.9	5928	10.2	130738.1	-4717.6	6018	10.0	131914.1	-4756.8
5839	9.5	125830.2	-4759.7	5929	9.6	130739.6	-4715.2	6019	10.1	131919.2	-4730.9
5840	9.3	125830.9	-4717.7	5930	9.9	130741.6	-4725.8	6020	9.4	131928.2	-4748.0
5841	10.2	125850.4	-4721.1	5931	9.4	130749.6	-4741.1	6021	10.2	131928.7	-4722.1
5842	9.6	125851.4	-4756.8	5932	9.6	130755.6	-4706.4	6022	9.3	131933.2	-4711.5
5843	10.2	125859.9	-4707.5	5933	10.2	130821.6	-4739.7	6023	10.2	131941.1	-4758.0
5844	5.2	125901.9	-4747.6	5934	9.6	130833.6	-4740.6	6024	9.7	131946.2	-4745.0
5845	10.0	125901.9	-4749.9	5935	8.5	130839.4	-4717.8	6025	8.7	131946.2	-4718.3
5846	9.9	125902.4	-4703.8	5936	9.9	130839.6	-4748.0	6026	10.2	131948.7	-4706.9
5847	10.2	125909.0	-4758.0	5937	9.6	130842.1	-4739.4	6027	10.2	131952.2	-4736.0
5848	10.0	125910.9	-4711.3	5938	9.4	130843.6	-4721.3	6028	9.9	131958.2	-4731.9
5849	9.2	125911.9	-4740.4	5939	9.2	130847.6	-4730.1	6029	10.1	131959.7	-4724.9
5850	10.2	125930.9	-4714.3	5940	8.6	130848.6	-4748.3	6030	9.7	132004.7	-4704.0
5851	10.2	125935.9	-4736.9	5941	9.0	130858.1	-4748.4	6031	10.1	132006.7	-4758.6
5852	9.8	125959.9	-4707.0	5942	10.2	130858.6	-4735.4	6032	9.7	132008.7	-4704.4
5853	10.2	130004.9	-4706.6	5943	9.9	130859.4	-4719.5	6033	9.8	132010.2	-4733.5
5854	10.4	130007.2	-4758.3	5944	10.4	130902.7	-4757.4	6034	10.2	132018.7	-4722.3
5855	10.2	130009.9	-4707.9	5945	10.2	130909.6	-4738.8	6035	9.4	132020.7	-4719.9
5856	10.2	130010.0	-4757.1	5946	9.4	130922.1	-4733.3	6036	9.4	132024.2	-4728.9
5857	8.2	130010.4	-4722.7	5947	10.2	130936.1	-4700.1	6037	9.9	132029.2	-4752.8
5858	9.2	130027.9	-4731.1	5948	8.8	130938.6	-4713.3	6038	9.6	132030.7	-4718.1
5859	9.4	130034.9	-4713.5	5949	9.0	130939.2	-4727.1	6039	8.6	132036.2	-4703.3
5860	9.4	130039.9	-4749.9	5950	10.0	130942.6	-4720.6	6040	10.2	132038.1	-4743.2
5861	10.2	130044.4	-4717.2	5951	10.2	130943.1	-4728.9	6041	10.2	132053.7	-4705.1
5862	9.4	130047.9	-4748.8	5952	9.9	130958.4	-4734.0	6042	10.2	132055.7	-4713.6
5863	9.4	130049.4	-4722.1	5953	10.4	131004.2	-4758.2	6043	10.2	132058.4	-4750.2
5864	9.0	130055.4	-4754.2	5954	10.2	131005.7	-4706.1	6044	9.8	132102.2	-4703.2
5865	9.5	130056.9	-4715.5	5955	10.0	131018.7	-4717.9	6045	10.2	132103.7	-4717.5
5866	8.7	130057.6	-4701.3	5956	8.9	131027.7	-4702.8	6046	8.4	132107.7	-4745.6
5867	10.0	130114.9	-4709.5	5957	10.0	131049.2	-4751.8	6047	9.9	132121.7	-4751.1
5868	10.2	130117.4	-4702.7	5958	9.7	131103.7	-4732.7	6048	9.9	132138.7	-4728.7
5869	8.4	130124.4	-4714.2	5959	9.4	131105.7	-4747.5	6049	9.6	132145.2	-4722.8
5870	10.2	130128.9	-4720.6	5960	8.9	131109.2	-4718.5	6050	9.0	132153.2	-4740.6
5871	10.2	130129.9	-4703.5	5961	10.2	131113.7	-4725.5	6051	10.0	132200.7	-4742.1
5872	10.2	130148.2	-4733.6	5962	10.2	131123.7	-4728.1	6052	9.6	132201.2	-4741.3
5873	10.2	130154.9	-4758.4	5963	9.4	131126.7	-4733.9	6053	7.3	132206.2	-4713.6
5874	8.9	130202.9	-4739.6	5964	9.7	131138.2	-4726.3	6054	10.2	132216.0	-4758.0
5875	7.1	130209.9	-4751.3	5965	10.2	131158.7	-4736.9	6055	10.2	132237.8	-4757.5
5876	9.5	130214.4	-4740.3	5966	9.2	131202.7	-4748.5	6056	9.6	132246.2	-4743.0
5877	8.0	130234.9	-4723.0	5967	9.4	131216.2	-4747.9	6057	8.7	132250.7	-4719.5
5878	9.6	130254.9	-4738.6	5968	9.4	131221.7	-4723.1	6058	9.3	132258.7	-4727.1
5879	8.5	130317.9	-4746.3	5969	10.1	131319.2	-4711.8	6059	9.8	132308.2	-4724.5
5880	9.5	130318.4	-4709.8	5970	9.0	131321.2	-4715.9	6060	10.0	132310.7	-4726.3
5881	9.6	130324.9	-4726.0	5971	9.6	131330.7	-4731.5	6061	9.8	132348.4	-4700.3
5882	9.6	130333.4	-4731.3	5972	9.7	131332.2	-4754.0	6062	10.2	132359.7	-4745.7
5883	10.2	130343.3	-4733.3	5973	10.2	131402.7	-4733.3	6063	8.3	132402.7	-4730.3
5884	9.5	130349.8	-4719.9	5974	10.2	131405.0	-4703.8	6064	8.8	132407.7	-4711.7
5885	10.0	130351.8	-4743.0	5975	10.2	131409.7	-4719.4	6065	10.2	132408.7	-4710.9
5886	9.4	130359.8	-4737.1	5976	9.4	131410.7	-4717.7	6066	9.0	132417.7	-4716.3
5887	9.8	130401.7	-4757.1	5977	9.1	131433.7	-4731.1	6067	9.0	132423.2	-4754.0
5888	9.2	130404.8	-4706.9	5978	9.9	131449.2	-4716.1	6068	10.2	132429.2	-4704.7
5889	9.9	130407.0	-4700.5	5979	9.1	131503.7	-4705.4	6069	9.9	132440.2	-4735.2
5890	9.4	130444.8	-4717.7	5980	9.4	131513.2	-4743.0	6070	9.8	132443.7	-4735.4
5891	9.6	130451.3	-4721.2	5981	10.2	131520.7	-4728.0	6071	8.8	132447.7	-4750.6
5892	10.0	130454.8	-4714.4	5982	7.1	131527.2	-4717.2	6072	10.2	132457.7	-4749.2
5893	10.2	130455.3	-4708.6	5983	6.6	131536.2	-4754.5	6073	10.2	132508.7	-4724.1
5894	10.2	130459.8	-4706.4	5984	9.4	131543.7	-4752.6	6074	10.2	132511.7	-4728.0
5895	10.2	130502.0	-4758.3	5985	9.7	131604.7	-4732.6	6075	7.9	132533.2	-4707.7
5896	10.0	130503.8	-4713.0	5986	10.0	131618.7	-4745.4	6076	8.7	132544.7	-4738.9
5897	10.2	130508.3	-4726.3	5987	10.0	131626.7	-4718.5	6077	9.6	132545.2	-4706.6
5898	10.0	130511.8	-4727.5	5988	10.1	131627.2	-4722.1	6078	9.9	132545.7	-4726.2
5899	9.2	130514.3	-4723.5	5989	7.8	131627.7	-4714.1	6079	9.6	132615.2	-4736.2
5900	10.2	130520.8	-4732.4	5990	10.2	131628.7	-4702.6	6080	9.4	132617.7	-4723.7
5901	9.0	130520.8	-4703.1	5991	8.8	131629.2	-4707.9	6081	10.1	132626.7	-4707.2
5902	9.8	130522.3	-4727.7	5992	10.2	131640.2	-4733.1	6082	9.6	132634.3	-4757.1
								6083	10.1	132639.7	-4713.7
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								6085	6.9	132653.7	-4737.7
								6086	10.0	132659.3	-4758.4
								6087	10.2	132708.7	-4756.3
								6088	9.9	132709.7	-4729.1
								6089	9.9	132718.7	-4712.4
								6090	9.6	132748.7	-4731.1
								6091	9.4	132755.7	-4726.9
								6092	9.4	132758.7	-4731.3
								6093	7.5	132800.2	-4752.6
								6094	10.2	132803.2	-4757.4
								6095	9.7	132809.7	-4735.9
								6096	10.0	132826.2	-4727.6
								6097	9.6	132828.2	-4719.5
								6098	8.4	132830.0	-4703.4
								6099	10.2	132850.7	-4737.3
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								6101	10.2	132859.7	-4713.1
								6102	9.9	132859.7	-4712.3
								6103	9.8	132859.7	-4750.0
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								6105	10.2	132933.7	-4751.2
								6106	10.2	132950.1	-4759.6
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								6111	7.9	133032.2	-4719.5
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								6114	9.6	133040.2	-4711.5
								6115	10.1	133051.7	-4708.4
								6116	9.6	133056.2	-4736.1
								6117	9.9	133058.7	-4745.1
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								6124	10.1	133146.7	-4755.7
								6125	10.2	133206.9	-4758.2
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								6127	10.2	133209.7	-4724.3
								6128	8.3	133210.2	-4747.9
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								6130	10.2	133220.2	-4701.9
								6131	10.2	133228.7	-4731.1
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								6133	10.2	133238.7	-4705.8
								6134	9.9	133249.7	-4701.6
								6135	10.0	133254.5	-4751.5
								6136	10.2	133254.7	-4741.3
								6137	10.1	133259.7	-4706.5
								6138	10.0	133300.2	-4759.5
								6139	9.6	133308.7	-4726.9
								6140	9.9	133318.7	-4719.3
								6141	10.2	133321.6	-4757.9
								6142	10.2	133322.2	-4739.2
								6143	8.6	133331.2	-4741.0
								6144	9.7	133338.7	-4722.0
								6145	8.8	133341.9	-4702.3
								6146	10.2	133343.2	-4746.1
								6147	9.6	133347.7	-4706.0
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								6149	10.1	133355.7	-4700.6
								6150	10.2	133408.7	-4724.3
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								6152	9.8	133418.2	-4748.4
								6153	10.2	133419.2	-4722.2
								6154	9.0	133423.7	-4749.7
								6155	10.2	133428.8	-4715.2
								6156	10.2	133430.7	-4740.4
								6157	10.2	133438.7	-4738.2
								6158	9.4	133511.2	-4729.1
								6159	9.6	133516.2	-4706.2
								6160	10.2	133522.2	-4716.1
								6161	9.2	133522.7	-4745.6
								6162	9.1	133529.2	-4710.4
								6163	9.8	133537.7	-4744.6
								6164	9.1	133540.7	-4716.2
								6165	9.8	133550.2	-4731.8
								6166	9.7	133551.2	-4714.7
								6167	10.2	133555.7	-4736.8
								6168	9.2	133559.2	-4702.5
								6169	9.1	133612.0	-4701.8
								6170	10.2	133613.7	-4717.8
								6171	9.7	133614.9	-4716.6
								6172	9.4	133627.0	-4726.4

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6173	10.0	133629.9	-4721.3
6174	10.0	133639.0	-4736.9
6175	10.2	133639.8	-4759.1
6176	10.0	133647.2	-4758.2
6177	9.6	133648.2	-4732.6
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6179	9.6	133651.7	-4729.6
6180	10.0	133700.0	-4711.4
6181	10.0	133703.7	-4722.9
6182	9.4	133722.2	-4714.0
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6184	9.6	133730.5	-4702.4
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6186	9.4	133740.7	-4723.7
6187	10.0	133745.2	-4700.3
6188	10.0	133803.2	-4715.8
6189	9.8	133811.2	-4727.9
6190	9.8	133813.2	-4746.4
6191	9.7	133850.2	-4708.0
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6194	9.2	133857.7	-4732.6
6195	9.8	133859.7	-4728.1
6196	9.8	133902.2	-4717.6
6197	9.4	133909.7	-4730.9
6198	9.2	133910.2	-4737.9
6199	8.3	133924.2	-4724.0
6200	9.8	133925.5	-4757.6
6201	9.4	133951.7	-4707.8
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6203	8.9	134015.7	-4732.7
6204	9.2	134018.7	-4737.7
6205	8.4	134044.2	-4723.7
6206	9.0	134048.7	-4739.6
6207	9.9	134050.7	-4759.1
6208	10.0	134111.4	-4757.5
6209	9.4	134124.7	-4709.1
6210	9.9	134129.7	-4753.8
6211	8.8	134143.2	-4715.6
6212	9.9	134148.7	-4741.1
6213	9.6	134158.7	-4739.9
6214	10.0	134200.7	-4723.5
6215	10.0	134207.5	-4757.1
6216	10.0	134210.7	-4758.5
6217	9.4	134218.7	-4745.9
6218	8.7	134219.7	-4753.1
6219	10.0	134229.7	-4723.9
6220	8.6	134232.2	-4739.0
6221	10.0	134307.7	-4721.5
6222	8.8	134329.2	-4747.8
6223	10.0	134331.2	-4711.2
6224	8.9	134341.7	-4736.1
6225	9.9	134341.7	-4707.1
6226	8.0	134345.7	-4740.3
6227	10.0	134347.7	-4706.5
6228	8.2	134348.7	-4740.7
6229	10.0	134349.7	-4706.3
6230	9.1	134349.7	-4742.2
6231	10.0	134349.7	-4753.1
6232	10.0	134359.2	-4745.7
6233	8.7	134414.7	-4715.1
6234	8.0	134415.7	-4714.7
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6236	9.6	134431.7	-4735.9
6237	9.7	134434.2	-4736.7
6238	9.2	134435.7	-4730.5
6239	9.4	134438.2	-4722.2
6240	8.9	134530.2	-4732.3
6241	9.6	134530.7	-4710.8
6242	9.6	134538.9	-4700.9
6243	10.0	134540.9	-4710.3
6244	9.8	134545.5	-4758.4
6245	9.0	134614.9	-4749.3
6246	9.5	134631.9	-4715.1
6247	9.4	134637.9	-4737.9
6248	9.0	134637.9	-4732.5
6249	9.7	134638.9	-4748.9
6250	9.0	134639.9	-4728.5
6251	10.0	134641.4	-4758.5
6252	9.2	134649.9	-4753.7
6253	9.9	134651.4	-4705.4
6254	7.5	134653.9	-4730.9
6255	8.6	134654.9	-4703.3
6256	10.0	134700.1	-4711.8
6257	10.0	134700.4	-4702.4
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6259	9.8	134701.9	-4749.1
6260	9.4	134711.7	-4702.1
6261	10.0	134724.6	-4757.9
6262	9.4	134729.4	-4711.8
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6264	10.0	134744.9	-4706.9
6265	8.9	134744.9	-4722.1
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6267	9.2	134749.9	-4704.5
6268	8.6	134751.9	-4715.0
6269	10.0	134759.9	-4721.5
6270	10.0	134810.9	-4758.6
6271	9.4	134829.9	-4728.5
6272	8.9	134839.9	-4703.8
6273	8.8	134853.9	-4745.7
6274	10.0	134856.4	-4745.9
6275	9.9	134859.9	-4712.9
6276	9.4	134913.4	-4744.5
6277	10.0	134924.9	-4705.1
6278	9.4	134926.9	-4734.2
6279	9.2	134927.9	-4740.5
6280	9.6	134931.9	-4746.8
6281	9.4	134932.9	-4726.8
6282	9.4	134938.9	-4717.4
6283	10.0	134953.9	-4720.2
6284	9.4	134959.9	-4730.4
6285	9.1	135004.4	-4734.3
6286	9.4	135016.9	-4751.2
6287	9.6	135019.9	-4753.0
6288	9.6	135025.4	-4748.4
6289	9.6	135029.9	-4742.9
6290	9.8	135029.9	-4757.2
6291	9.5	135034.9	-4708.4
6292	10.0	135035.9	-4725.3
6293	7.7	135035.9	-4751.1
6294	10.0	135047.9	-4712.2
6295	10.0	135059.9	-4745.1
6296	8.6	135059.9	-4711.8
6297	9.4	135103.4	-4710.9
6298	10.0	135123.9	-4707.9
6299	10.0	135129.8	-4708.8
6300	9.4	135200.9	-4736.3
6301	9.4	135201.4	-4732.0
6302	9.7	135204.4	-4732.6
6303	10.0	135204.4	-4752.4
6304	9.4	135213.9	-4731.7
6305	9.8	135220.3	-4757.4
6306	10.0	135226.4	-4713.2
6307	8.9	135231.9	-4719.1
6308	9.5	135243.9	-4745.4
6309	9.5	135247.9	-4723.6
6310	8.6	135320.1	-4758.8
6311	9.7	135339.9	-4725.2
6312	10.0	135350.9	-4718.9
6313	9.9	135354.4	-4716.2
6314	9.2	135359.9	-4756.0
6315	10.2	135411.8	-4759.7
6316	9.2	135414.9	-4717.6
6317	9.8	135416.9	-4715.7
6318	9.8	135440.3	-4759.2
6319	9.8	135440.9	-4739.5
6320	9.4	135449.9	-4736.6
6321	10.0	135450.4	-4716.7
6322	9.5	135451.3	-4757.1
6323	10.0	135507.8	-4725.6
6324	9.8	135507.9	-4717.2
6325	10.0	135511.9	-4715.8
6326	9.4	135515.9	-4748.1
6327	9.1	135518.9	-4753.2
6328	9.6	135532.4	-4730.4
6329	10.0	135539.9	-4707.6
6330	9.1	135545.9	-4736.5
6331	10.0	135549.4	-4750.0
6332	9.5	135550.4	-4708.5
6333	10.0	135604.9	-4747.1
6334	9.4	135607.9	-4736.5
6335	9.5	135610.9	-4723.0
6336	9.7	135614.4	-4711.1
6337	9.4	135634.9	-4756.3
6338	9.5	135641.9	-4725.5
6339	9.7	135650.9	-4742.6
6340	10.0	135652.4	-4736.7
6341	9.4	135654.4	-4708.1
6342	10.0	135657.9	-4743.5
6343	8.8	135739.9	-4751.5
6344	10.0	135741.9	-4714.5
6345	9.6	135758.4	-4746.4
6346	9.7	135759.4	-4733.9
6347	10.0	135801.4	-4733.2
6348	10.0	135809.9	-4756.2
6349	10.2	135811.5	-4757.8
6350	9.6	135813.4	-4739.8
6351	9.5	135813.4	-4746.4
6352	9.0	135814.9	-4747.2
6353	9.5	135822.9	-4747.7
6354	10.0	135827.4	-4742.0
6355	9.5	135828.9	-4730.8
6356	9.8	135829.9	-4725.7
6357	9.4	135832.9	-4703.4
6358	10.0	135833.9	-4729.1
6359	9.6	135833.9	-4721.1
6360	9.2	135834.4	-4726.8
6361	9.9	135838.4	-4742.1
6362	9.4	135839.9	-4738.1
6363	9.4	135839.9	-4734.0
6364	8.8	135851.9	-4740.9
6365	8.7	135854.9	-4742.0
6366	10.0	135855.9	-4732.4
6367	9.6	135857.9	-4740.5
6368	9.6	135900.0	-4717.1
6369	9.5	135912.0	-4734.1
6370	9.5	135917.0	-4743.4
6371	10.0	135920.5	-4742.0
6372	9.0	135923.5	-4743.1
6373	9.0	135926.0	-4742.9
6374	9.6	135926.0	-4753.3
6375	8.9	135926.0	-4749.5
6376	9.4	135930.0	-4754.5
6377	8.5	135930.5	-4743.1
6378	8.6	135931.0	-4752.3
6379	9.2	135935.0	-4743.4
6380	9.4	135936.0	-4747.1
6381	8.5	135936.5	-4743.9
6382	8.7	135938.5	-4752.5
6383	7.7	135939.5	-4735.3
6384	9.5	135940.0	-4748.7
6385	9.4	135942.0	-4749.1
6386	9.2	135950.0	-4731.8
6387	8.9	135952.0	-4755.6
6388	9.2	140005.0	-4729.9
6389	9.4	140012.6	-4700.9
6390	10.0	140019.0	-4727.3
6391	9.4	140019.0	-4756.1
6392	9.4	140019.0	-4732.9
6393	8.7	140021.0	-4739.8
6394	9.5	140033.3	-4758.4
6395	10.0	140046.5	-4717.9
6396	9.8	140052.5	-4731.7
6397	10.0	140054.5	-4714.5
6398	10.0	140055.0	-4754.6
6399	8.1	140055.0	-4747.2
6400	9.6	140100.0	-4703.7
6401	9.5	140110.0	-4739.5
6402	10.0	140127.0	-4709.3
6403	9.9	140 30.5	-4737.5
6404	9.9	140151.5	-4755.5
6405	10.0	140153.5	-4711.7
6406	8.6	140158.0	-4749.1
6407	10.0	140223.8	-4700.6
6408	9.6	140225.0	-4722.3
6409	10.2	140230.0	-4759.4
6410	7.8	140242.0	-4710.6
6411	10.0	140245.2	-4757.6
6412	9.2	140300.0	-4754.3
6413	10.0	140313.5	-4751.2
6414	10.0	140321.0	-4751.8
6415	8.9	140322.5	-4736.5
6416	9.6	140333.5	-4716.6
6417	9.4	140340.5	-4735.4
6418	9.8	140354.5	-4715.9
6419	9.8	140400.0	-4758.7
6420	8.1	140414.0	-4748.1
6421	10.0	140415.0	-4746.7
6422	8.4	140423.8	-4733.2
6423	9.9	140439.0	-4706.7
6424	9.1	140439.6	-4710.9
6425	10.0	140447.8	-4749.1
6426	10.0	140449.5	-4721.0
6427	9.4	140451.5	-4733.8
6428	8.8	140455.0	-4732.4
6429	9.7	140509.2	-4727.5
6430	10.0	140514.7	-4709.9
6431	10.2	140530.7	-4714.7
6432	10.0	140536.4	-4759.5
6433	10.0	140554.4	-4759.8
6434	9.8	140559.2	-4729.8
6435	9.2	140605.2	-4744.0
6436	8.2	140606.2	-4759.6
6437	8.9	140614.7	-4715.1
6438	9.7	140619.2	-4700.7
6439	8.0	140622.2	-4733.4
6440	9.6	140637.7	-4713.2
6441	10.0	140642.7	-4752.3
6442	9.8	140644.7	-4735.2

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6443	10.2	140647.2	-4709.9
6444	10.0	140659.7	-4707.7
6445	9.4	140703.7	-4746.2
6446	10.0	140709.7	-4759.6
6447	10.0	140719.2	-4716.1
6448	10.2	140739.2	-4715.1
6449	10.2	140746.7	-4710.8
6450	10.2	140759.7	-4737.2
6451	10.2	140809.7	-4732.6
6452	10.2	140809.7	-4718.7
6453	10.0	140835.9	-4759.2
6454	9.0	140847.1	-4757.7
6455	10.2	140852.2	-4753.0
6456	7.8	140900.2	-4735.1
6457	10.2	140939.7	-4740.7
6458	10.2	140948.7	-4706.0
6459	10.2	140949.2	-4735.4
6460	10.2	141002.2	-4716.3
6461	10.0	141041.2	-4702.2
6462	10.2	141056.7	-4744.6
6463	10.2	141107.4	-4758.8
6464	10.2	141134.7	-4736.8
6465	10.0	141135.1	-4701.7
6466	10.2	141139.0	-4758.4
6467	9.6	141210.9	-4708.0
6468	9.6	141211.4	-4716.0
6469	10.2	141221.9	-4759.8
6470	9.0	141225.9	-4718.0
6471	10.2	141231.1	-4758.0
6472	10.2	141245.0	-4758.8
6473	10.2	141259.4	-4707.8
6474	10.2	141301.4	-4732.1
6475	10.2	141314.4	-4739.9
6476	10.0	141322.2	-4758.8
6477	10.2	141323.2	-4759.5
6478	10.0	141323.9	-4704.9
6479	8.4	141340.4	-4729.8
6480	10.0	141344.9	-4734.3
6481	10.0	141349.4	-4747.5
6482	10.2	141417.9	-4725.9
6483	6.6	141429.4	-4744.7
6484	9.0	141429.9	-4749.1
6485	10.0	141430.7	-4702.1
6486	9.4	141450.2	-4702.2
6487	10.0	141456.4	-4710.9
6488	10.0	141500.4	-4720.9
6489	9.0	141511.4	-4748.0
6490	9.2	141523.4	-4759.5
6491	9.6	141529.9	-4734.0
6492	9.7	141529.9	-4707.0
6493	10.2	141532.4	-4731.4
6494	9.8	141543.9	-4735.0
6495	10.2	141543.9	-4718.2
6496	10.2	141544.4	-4720.1
6497	9.2	141549.4	-4733.5
6498	10.2	141550.2	-4701.6
6499	9.6	141550.4	-4700.4
6500	9.6	141550.4	-4729.9
6501	10.2	141550.4	-4744.9
6502	9.8	141550.9	-4757.2
6503	9.2	141558.9	-4754.1
6504	9.6	141604.4	-4704.3
6505	9.6	141608.9	-4709.0
6506	10.2	141615.4	-4736.1
6507	10.0	141619.9	-4756.8
6508	10.2	141639.4	-4710.3
6509	9.4	141649.4	-4718.1
6510	9.2	141650.4	-4748.5
6511	10.2	141659.9	-4709.0
6512	10.2	141700.4	-4753.9
6513	10.2	141701.1	-4752.8
6514	10.2	141703.6	-4738.6
6515	9.7	141711.1	-4718.1
6516	9.6	141720.6	-4718.4
6517	9.6	141739.6	-4749.0
6518	9.8	141840.1	-4735.8
6519	9.8	141851.6	-4727.0
6520	10.2	141858.1	-4710.0
6521	9.8	141859.1	-4712.9
6522	8.4	141919.1	-4749.2
6523	10.0	141928.1	-4701.3
6524	8.8	141929.6	-4731.4
6525	10.3	141936.1	-4757.9
6526	10.0	142006.1	-4744.2
6527	9.7	142012.1	-4745.3
6528	9.4	142025.6	-4730.6
6529	10.2	142032.6	-4734.0
6530	9.7	142035.1	-4726.4
6531	6.8	142039.6	-4725.7
6532	10.2	142041.6	-4731.8

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-47 6892 14h57m

6533	10.2	142057.6	-4724.6	6623	10.2	143216.6	-4707.8	6713	9.8	144034.2	-4732.9
6534	9.4	142112.6	-4735.2	6624	10.0	143221.1	-4731.7	6714	9.9	144038.2	-4712.1
6535	9.4	142116.3	-4758.0	6625	10.2	143221.6	-4752.6	6715	10.0	144049.2	-4732.9
6536	10.2	142126.1	-4704.0	6626	9.6	143228.5	-4731.1	6716	9.8	144056.7	-4711.9
6537	10.2	142144.1	-4727.9	6627	10.0	143230.0	-4707.9	6717	9.0	144059.2	-4733.1
6538	9.7	142152.6	-4720.4	6628	10.2	143235.5	-4714.5	6718	10.3	144059.4	-4759.2
6539	10.2	142159.6	-4733.0	6629	10.2	143245.0	-4716.6	6719	9.4	144100.2	-4747.5
6540	9.0	142204.6	-4746.0	6630	9.0	143251.1	-4709.5	6720	9.9	144100.2	-4706.0
6541	9.8	142205.1	-4718.0	6631	10.2	143255.1	-4702.8	6721	8.7	144103.2	-4716.4
6542	10.0	142206.1	-4711.4	6632	10.2	143259.7	-4740.3	6722	8.9	144111.2	-4745.1
6543	10.3	142207.1	-4757.4	6633	9.6	143305.2	-4758.0	6723	10.2	144133.7	-4731.2
6544	10.2	142220.1	-4711.2	6634	10.2	143307.9	-4718.7	6724	10.4	144138.2	-4715.7
6545	9.8	142229.6	-4712.4	6635	10.2	143309.7	-4703.0	6725	10.4	144157.2	-4711.4
6546	10.0	142230.1	-4744.2	6636	8.4	143320.7	-4724.9	6726	9.2	144200.2	-4702.0
6547	8.7	142239.1	-4743.6	6637	10.2	143329.7	-4732.6	6727	9.6	144200.2	-4706.6
6548	9.6	142256.1	-4751.5	6638	10.0	143344.7	-4730.9	6728	9.6	144223.2	-4711.9
6549	8.0	142300.8	-4743.8	6639	10.4	143349.3	-4759.7	6729	9.9	144225.2	-4706.4
6550	7.8	142316.3	-4710.4	6640	9.4	143351.7	-4728.2	6730	10.2	144229.2	-4751.4
6551	10.3	142318.6	-4757.6	6641	10.4	143351.7	-4702.5	6731	9.9	144230.2	-4700.7
6552	9.6	142320.3	-4731.0	6642	10.2	143359.2	-4730.4	6732	10.0	144232.7	-4701.3
6553	10.2	142338.3	-4723.4	6643	10.4	143405.7	-4702.4	6733	10.4	144240.4	-4738.2
6554	10.2	142343.3	-4717.0	6644	10.2	143424.7	-4735.7	6734	10.2	144242.2	-4732.4
6555	10.2	142349.1	-4756.8	6645	9.8	143429.7	-4721.3	6735	9.8	144243.7	-4744.8
6556	10.2	142352.3	-4754.4	6646	9.7	143441.3	-4701.9	6736	10.4	144246.7	-4720.7
6557	10.2	142359.8	-4720.2	6647	9.7	143447.3	-4757.7	6737	9.8	144246.7	-4759.5
6558	10.2	142403.3	-4720.2	6648	9.3	143455.2	-4741.5	6738	9.8	144252.7	-4709.7
6559	8.9	142409.8	-4711.8	6649	7.4	143456.2	-4702.2	6739	9.8	144300.7	-4754.8
6560	10.2	142417.8	-4713.0	6650	9.2	143507.7	-4732.8	6740	9.2	144302.7	-4709.8
6561	10.2	142421.3	-4726.1	6651	9.8	143514.2	-4724.0	6741	10.2	144310.2	-4735.0
6562	10.0	142439.8	-4720.1	6652	10.2	143515.7	-4747.7	6742	9.8	144311.2	-4734.9
6563	10.2	142448.8	-4723.1	6653	10.0	143533.2	-4719.7	6743	10.4	144314.7	-4750.3
6564	10.2	142454.3	-4740.7	6654	10.4	143538.7	-4730.2	6744	9.6	144325.2	-4734.6
6565	10.2	142506.3	-4743.1	6655	8.7	143539.7	-4734.5	6745	9.6	144330.7	-4743.1
6566	9.6	142510.3	-4723.9	6656	10.4	143551.7	-4750.4	6746	9.8	144333.7	-4734.2
6567	10.0	142516.8	-4709.3	6657	10.2	143558.2	-4711.8	6747	9.6	144334.2	-4749.1
6568	9.4	142517.8	-4754.3	6658	10.4	143608.7	-4742.9	6748	9.6	144348.7	-4705.1
6569	9.7	142519.3	-4727.1	6659	10.0	143609.2	-4750.9	6749	9.6	144353.7	-4737.1
6570	9.7	142519.3	-4721.0	6660	9.6	143617.7	-4742.5	6750	8.1	144400.7	-4743.7
6571	10.2	142539.8	-4754.0	6661	9.8	143619.7	-4704.9	6751	10.4	144401.2	-4713.2
6572	10.0	142607.8	-4741.1	6662	9.2	143625.2	-4743.6	6752	10.4	144406.2	-4714.0
6573	10.0	142624.3	-4742.0	6663	10.2	143625.2	-4748.8	6753	9.2	144413.7	-4758.6
6574	10.0	142645.8	-4727.3	6664	10.4	143639.7	-4708.4	6754	10.4	144419.7	-4726.3
6575	9.6	142658.3	-4704.8	6665	10.4	143640.7	-4723.4	6755	10.3	144429.7	-4758.9
6576	9.7	142707.8	-4710.4	6666	9.7	143640.7	-4703.8	6756	9.9	144435.7	-4746.3
6577	9.6	142708.3	-4721.4	6667	10.4	143648.7	-4753.2	6757	9.2	144448.2	-4736.2
6578	10.2	142713.3	-4718.9	6668	9.6	143649.7	-4717.6	6758	9.7	144450.2	-4725.4
6579	9.8	142714.3	-4716.1	6669	10.4	143700.7	-4705.5	6759	9.7	144453.7	-4733.3
6580	10.2	142722.8	-4710.1	6670	10.0	143701.2	-4721.9	6760	10.2	144457.7	-4701.7
6581	10.3	142724.8	-4758.6	6671	9.8	143709.7	-4740.8	6761	9.8	144506.2	-4738.0
6582	10.2	142737.3	-4758.0	6672	9.7	143710.2	-4755.2	6762	10.4	144521.2	-4722.9
6583	9.7	142739.3	-4749.1	6673	10.2	143711.0	-4752.8	6763	9.9	144540.2	-4705.9
6584	10.2	142759.3	-4706.3	6674	10.0	143713.2	-4755.2	6764	10.2	144541.7	-4710.9
6585	10.2	142810.3	-4715.4	6675	8.9	143716.2	-4709.8	6765	9.8	144541.7	-4757.3
6586	9.8	142811.3	-4732.0	6676	10.4	143722.2	-4738.0	6766	10.4	144545.0	-4758.5
6587	10.2	142814.3	-4703.4	6677	10.2	143724.2	-4703.2	6767	10.2	144553.7	-4742.7
6588	10.0	142821.8	-4728.0	6678	10.4	143737.0	-4710.4	6768	10.2	144600.7	-4742.7
6589	10.2	142830.8	-4716.8	6679	10.0	143740.0	-4701.8	6769	10.4	144605.2	-4758.9
6590	10.2	142838.2	-4706.7	6680	10.4	143741.2	-4721.8	6770	9.8	144610.2	-4758.9
6591	10.2	142846.8	-4729.9	6681	10.0	143744.7	-4748.3	6771	9.7	144611.2	-4727.8
6592	10.2	142851.5	-4757.8	6682	9.9	143801.2	-4748.4	6772	10.4	144611.2	-4723.9
6593	9.6	142857.8	-4742.1	6683	10.4	143801.7	-4726.7	6773	9.7	144622.2	-4749.9
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6809	10.2	145019.7	-4738.7								
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-47 6893 14h57m

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6963 10.0 150511.2 -4718.1	7053 10.2 151149.3 -4758.0	7143 10.2 151954.8 -4749.2	7233 9.7 152639.3 -4715.3
6964 9.6 150533.7 -4746.9	7054 9.0 151149.5 -4714.2	7144 9.2 151956.3 -4732.2	7234 9.7 152639.8 -4758.9
6965 9.8 150542.7 -4728.3	7055 10.2 151153.5 -4729.0	7145 8.8 151958.3 -4713.5	7235 10.2 152648.8 -4702.3
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6967 9.8 150544.7 -4724.3	7057 10.0 151202.5 -4714.6	7147 9.8 152005.8 -4722.6	7237 9.8 152658.3 -4728.9
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6969 9.6 150555.7 -4729.9	7059 9.0 151205.5 -4735.6	7149 10.2 152014.3 -4740.0	7239 9.2 152713.0 -4714.2
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6971 9.4 150610.7 -4750.1	7061 10.2 151211.5 -4750.0	7151 8.8 152021.3 -4726.4	7241 8.9 152724.0 -4743.9
6972 8.8 150617.7 -4716.1	7062 7.7 151222.0 -4718.3	7152 9.4 152029.3 -4729.2	7242 10.2 152735.3 -4747.1
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6981 10.2 150658.7 -4739.7	7071 9.8 151255.0 -4721.4	7161 10.1 152106.3 -4742.8	7251 10.1 152829.7 -4714.9
6982 10.2 150700.7 -4729.0	7072 10.1 151259.5 -4728.4	7162 9.8 152112.8 -4704.0	7252 8.2 152835.4 -4700.1

-47 7253 15h28m

-47 7612 16h11m

7253 10.1 152849.2 -4731.9	7343 9.6 153557.7 -4753.8	7433 10.1 154242.9 -4701.8	7523 10.2 155354.3 -4741.4
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7286 9.6 153129.2 -4712.7	7376 9.4 153836.2 -4756.2	7466 10.2 154542.5 -4757.0	7556 8.8 160138.8 -4705.2
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7295 10.0 153151.2 -4752.4	7385 10.0 153909.2 -4722.7	7475 9.6 154619.2 -4742.5	7565 9.5 160350.8 -4744.7
7296 10.0 153202.2 -4755.8	7386 10.0 153909.2 -4722.9	7476 8.9 154619.2 -4710.3	7566 10.0 160429.8 -4739.0
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7303 9.2 153224.7 -4721.6	7393 10.0 153939.2 -4759.8	7483 9.6 154645.7 -4706.4	7573 10.0 160557.8 -4722.4
7304 9.4 153230.2 -4735.6	7394 10.2 153943.7 -4729.0	7484 9.6 154648.2 -4718.0	7574 6.0 160610.8 -4703.1
7305 10.2 153247.7 -4728.8	7395 10.2 153945.7 -4739.0	7485 9.6 154649.2 -4752.3	7575 9.7 160618.8 -4708.4
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7307 9.5 153305.7 -4745.5	7397 9.6 153958.2 -4730.4	7487 10.2 154703.7 -4704.8	7577 10.0 160622.8 -4753.0
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7317 9.6 153408.2 -4756.4	7407 9.5 154044.2 -4757.2	7497 9.9 154812.2 -4748.1	7587 9.8 160747.3 -4704.2
7318 9.0 153409.2 -4756.2	7408 10.0 154044.2 -4726.2	7498 10.2 154826.7 -4741.0	7588 9.3 160757.7 -4735.8
7319 9.9 153409.4 -4702.0	7409 10.2 154044.2 -4724.9	7499 9.0 154829.2 -4716.0	7589 9.8 160819.2 -4737.3
7320 10.2 153410.7 -4703.2	7410 9.8 154054.2 -4756.9	7500 10.1 154837.7 -4756.0	7590 10.0 160839.2 -4749.8
7321 9.9 153415.2 -4712.6	7411 10.0 154057.2 -4715.8	7501 9.0 154841.2 -4742.9	7591 10.0 160900.2 -4704.0
7322 9.8 153419.2 -4707.2	7412 9.6 154103.2 -4716.6	7502 10.2 154843.7 -4715.8	7592 9.5 160914.2 -4717.3
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7339 8.6 153544.2 -4735.2	7429 9.8 154225.7 -4705.6	7519 10.2 155220.7 -4744.8	7609 9.4 161111.2 -4720.2
7340 10.2 153544.7 -4756.4	7430 10.2 154227.7 -4721.4	7520 10.1 155230.3 -4746.9	7610 9.0 161111.2 -4753.8
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-47 7613 16h11m

7613	9.0	161129.2	-4725.2
7614	9.0	161139.2	-4715.0
7615	10.0	161154.7	-4754.8
7616	9.4	161159.2	-4721.2
7617	9.4	161206.2	-4713.8
7618	10.0	161211.7	-4717.0
7619	9.3	161211.8	-4756.8
7620	9.8	161213.2	-4732.0
7621	7.2	161216.2	-4753.1
7622	10.0	161219.2	-4727.0
7623	10.0	161228.7	-4749.0
7624	10.0	161241.2	-4731.2
7625	10.0	161241.7	-4734.9
7626	10.1	161308.5	-4758.8
7627	9.2	161312.2	-4739.4
7628	9.6	161319.2	-4719.0
7629	9.6	161319.7	-4738.6
7630	9.7	161335.0	-4706.4
7631	10.0	161339.5	-4703.6
7632	10.0	161341.6	-4722.6
7633	9.7	161344.0	-4706.8
7634	9.8	161344.5	-4711.0
7635	9.8	161347.5	-4752.6
7636	9.4	161353.5	-4721.6
7637	9.8	161410.5	-4716.4
7638	10.0	161429.5	-4701.1
7639	9.2	161446.5	-4755.0
7640	10.0	161449.6	-4718.0
7641	10.0	161454.5	-4728.0
7642	9.8	161456.6	-4757.0
7643	9.0	161506.0	-4717.3
7644	10.0	161511.0	-4720.0
7645	9.5	161511.0	-4708.6
7646	10.0	161512.0	-4712.7
7647	9.5	161516.0	-4714.8
7648	8.6	161524.0	-4755.6
7649	9.7	161528.5	-4728.8
7650	9.8	161530.0	-4750.3
7651	9.6	161531.5	-4739.8
7652	9.4	161533.5	-4730.6
7653	9.3	161536.0	-4740.2
7654	9.7	161540.0	-4729.6
7655	9.0	161541.5	-4707.5
7656	9.8	161542.5	-4708.8
7657	10.0	161557.5	-4720.3
7658	8.4	161601.0	-4708.6
7659	9.7	161607.5	-4717.6
7660	10.0	161608.0	-4743.0
7661	9.6	161608.5	-4751.6
7662	10.0	161609.6	-4700.0
7663	10.0	161613.5	-4740.0
7664	8.0	161614.5	-4710.0
7665	9.7	161619.5	-4710.0
7666	10.0	161619.5	-4710.8
7667	10.0	161620.5	-4759.8
7668	10.0	161631.5	-4709.0
7669	10.0	161633.5	-4704.9
7670	10.0	161636.5	-4753.4
7671	8.8	161637.5	-4721.6
7672	9.5	161644.5	-4721.0
7673	9.4	161648.5	-4721.0
7674	9.8	161648.6	-4746.5
7675	9.4	161649.6	-4704.9
7676	9.6	161652.1	-4733.0
7677	10.0	161705.6	-4729.7
7678	10.0	161715.6	-4710.0
7679	9.0	161721.6	-4750.2
7680	9.8	161724.6	-4739.1
7681	9.8	161732.1	-4711.2
7682	10.0	161734.6	-4709.6
7683	7.4	161738.6	-4745.3
7684	9.8	161739.6	-4738.0
7685	9.4	161740.4	-4757.1
7686	9.4	161743.1	-4716.6
7687	10.0	161743.1	-4728.2
7688	10.0	161744.1	-4741.0
7689	10.0	161744.4	-4700.9
7690	9.6	161744.6	-4743.4
7691	10.0	161744.6	-4708.4
7692	9.5	161746.6	-4707.2
7693	9.2	161756.1	-4721.3
7694	9.4	161759.6	-4728.6
7695	10.0	161800.6	-4710.8
7696	5.1	161801.1	-4716.0
7697	9.3	161804.4	-4703.0
7698	10.0	161812.8	-4759.9
7699	9.8	161825.1	-4728.2
7700	10.0	161835.5	-4701.8
7701	10.0	161836.6	-4750.7
7702	8.8	161837.6	-4733.6
7703	9.6	161839.6	-4737.8
7704	9.8	161840.1	-4733.2
7705	9.5	161844.6	-4703.6
7706	9.4	161845.6	-4751.2
7707	10.0	161847.6	-4732.4
7708	10.0	161850.5	-4727.1
7709	9.8	161900.6	-4745.0
7710	9.0	161922.1	-4739.0
7711	10.0	161935.1	-4724.2
7712	9.4	161939.6	-4744.4
7713	10.0	161941.1	-4749.9
7714	9.0	161941.4	-4700.4
7715	10.0	161942.1	-4750.3
7716	9.4	161945.1	-4708.4
7717	9.5	161946.1	-4732.0
7718	9.4	161952.1	-4748.0
7719	9.2	161959.6	-4750.0
7720	10.0	162005.1	-4717.6
7721	10.0	162009.1	-4712.4
7722	9.3	162013.6	-4725.0
7723	9.3	162019.6	-4736.2
7724	10.0	162027.1	-4705.6
7725	9.6	162029.1	-4741.7
7726	9.5	162033.8	-4735.9
7727	9.4	162034.1	-4744.3
7728	9.6	162035.1	-4745.7
7729	9.4	162038.1	-4703.4
7730	9.6	162043.4	-4701.9
7731	9.4	162044.6	-4721.2
7732	9.0	162049.6	-4715.8
7733	9.3	162059.6	-4748.2
7734	10.0	162103.6	-4706.6
7735	10.0	162105.6	-4712.9
7736	8.8	162112.6	-4752.8
7737	10.0	162118.6	-4714.0
7738	10.0	162122.6	-4714.6
7739	10.0	162139.6	-4715.9
7740	10.0	162157.6	-4740.8
7741	10.0	162202.6	-4723.4
7742	9.4	162207.4	-4709.6
7743	9.7	162228.6	-4731.6
7744	10.0	162239.6	-4728.6
7745	10.0	162244.1	-4745.9
7746	9.6	162247.3	-4708.2
7747	9.5	162258.6	-4724.8
7748	9.6	162308.6	-4721.4
7749	9.7	162309.1	-4728.5
7750	9.4	162314.9	-4738.4
7751	10.0	162318.6	-4721.2
7752	9.4	162329.1	-4716.3
7753	9.6	162336.6	-4721.2
7754	9.4	162337.9	-4720.5
7755	9.8	162339.6	-4725.2
7756	10.0	162341.1	-4733.7
7757	9.4	162342.1	-4709.5
7758	9.4	162344.7	-4701.7
7759	10.0	162351.1	-4740.4
7760	8.6	162359.6	-4724.7
7761	10.0	162407.8	-4758.7
7762	9.6	162409.6	-4759.8
7763	8.9	162429.1	-4735.9
7764	9.6	162436.6	-4747.1
7765	6.9	162438.6	-4750.5
7766	9.6	162439.6	-4744.6
7767	9.4	162441.6	-4721.1
7768	9.2	162451.6	-4748.7
7769	8.0	162452.1	-4720.9
7770	9.6	162512.1	-4740.3
7771	9.6	162521.6	-4741.9
7772	7.7	162538.6	-4743.3
7773	9.6	162542.8	-4759.5
7774	9.6	162555.1	-4710.0
7775	9.6	162612.6	-4750.3
7776	9.6	162613.4	-4759.6
7777	9.4	162645.1	-4725.2
7778	9.5	162651.6	-4740.7
7779	9.5	162659.6	-4744.4
7780	10.0	162700.9	-4758.9
7781	9.6	162716.1	-4750.2
7782	9.3	162729.1	-4748.8
7783	9.2	162730.1	-4704.7
7784	9.2	162752.1	-4751.3
7785	9.0	162759.6	-4748.8
7786	9.6	162801.1	-4703.1
7787	9.6	162805.1	-4703.7
7788	9.6	162814.6	-4703.8
7789	9.6	162827.1	-4749.1
7790	8.8	162830.1	-4726.8
7791	8.9	162839.1	-4708.4
7792	9.5	162840.6	-4711.7

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7793	9.4	162843.1	-4757.1
7794	8.6	162843.1	-4703.1
7795	9.6	162847.1	-4742.9
7796	8.6	162853.6	-4757.9
7797	9.6	162859.6	-4723.7
7798	9.5	162908.1	-4755.8
7799	9.2	162914.6	-4731.2
7800	9.6	162927.6	-4759.3
7801	9.6	162934.6	-4727.6
7802	9.3	162936.1	-4724.9
7803	9.6	162939.1	-4740.3
7804	9.0	162940.1	-4755.4
7805	8.9	162945.1	-4708.9
7806	8.8	163000.1	-4703.1
7807	9.3	163001.6	-4710.2
7808	9.6	163009.0	-4759.3
7809	9.3	163021.1	-4738.8
7810	8.4	163041.6	-4747.9
7811	7.8	163041.6	-4731.8
7812	9.5	163044.1	-4731.3
7813	9.6	163049.6	-4709.3
7814	9.4	163109.1	-4713.1
7815	9.6	163109.6	-4708.0
7816	8.4	163115.1	-4745.2
7817	9.6	163125.0	-4740.8
7818	7.9	163128.6	-4725.1
7819	9.2	163133.6	-4729.6
7820	9.3	163139.6	-4730.7
7821	7.3	163150.1	-4729.8
7822	9.0	163208.1	-4743.3
7823	9.5	163209.6	-4703.6
7824	9.5	163210.4	-4759.1
7825	8.8	163224.6	-4710.9
7826	8.4	163227.6	-4749.1
7827	9.5	163228.1	-4728.0
7828	9.0	163229.6	-4718.4
7829	8.2	163239.6	-4708.1
7830	9.2	163259.6	-4745.5
7831	9.6	163305.1	-4728.1
7832	10.0	163305.8	-4758.3
7833	9.6	163309.6	-4732.0
7834	9.6	163312.1	-4705.1
7835	9.6	163332.1	-4744.2
7836	9.0	163340.6	-4717.5
7837	9.0	163340.6	-4720.1
7838	9.6	163342.6	-4735.8
7839	8.8	163347.6	-4757.2
7840	9.5	163351.1	-4746.0
7841	9.6	163352.9	-4701.5
7842	9.4	163358.1	-4740.2
7843	9.5	163358.1	-4716.1
7844	9.0	163359.6	-4750.8
7845	9.6	163402.1	-4750.9
7846	9.6	163412.6	-4743.5
7847	9.0	163420.1	-4721.5
7848	9.5	163420.6	-4730.2
7849	9.3	163422.0	-4712.7
7850	8.6	163427.5	-4705.7
7851	9.6	163428.0	-4752.0
7852	9.4	163429.5	-4737.1
7853	9.2	163430.0	-4729.0
7854	9.2	163438.0	-4723.6
7855	8.7	163439.0	-4716.2
7856	9.5	163442.0	-4707.0
7857	8.8	163446.0	-4717.6
7858	9.0	163451.5	-4713.1
7859	9.6	163452.5	-4706.0
7860	8.4	163454.5	-4713.8
7861	9.2	163456.0	-4704.7
7862	8.7	163459.5	-4710.3
7863	9.6	163503.5	-4735.0
7864	9.3	163508.0	-4720.7
7865	9.5	163508.5	-4718.3
7866	9.6	163515.0	-4726.4
7867	9.6	163519.0	-4733.7
7868	9.2	163520.0	-4714.1
7869	9.6	163521.5	-4735.5
7870	8.9	163523.0	-4732.2
7871	9.0	163523.5	-4746.5
7872	9.6	163533.0	-4754.0
7873	7.9	163538.0	-4724.3
7874	9.6	163538.5	-4741.5
7875	9.5	163542.5	-4717.8
7876	9.4	163601.0	-4702.0
7877	9.5	163601.5	-4708.8
7878	9.6	163616.0	-4740.4
7879	9.6	163617.5	-4746.6
7880	9.5	163618.0	-4729.8
7881	9.6	163620.0	-4758.8
7882	8.9	163623.5	-4726.5
7883	9.2	163630.0	-4741.9
7884	8.8	163630.0	-4755.6
7885	9.5	163637.0	-4707.7
7886	9.2	163651.5	-4742.6
7887	9.6	163659.5	-4708.0
7888	8.8	163659.5	-4744.1
7889	9.6	163700.0	-4720.9
7890	9.0	163702.5	-4725.6
7891	9.6	163705.0	-4707.6
7892	9.3	163718.5	-4719.0
7893	9.6	163730.0	-4712.1
7894	9.6	163731.0	-4708.2
7895	9.6	163735.5	-4714.9
7896	8.9	163739.5	-4732.6
7897	9.6	163740.0	-4722.4
7898	9.0	163740.0	-4733.3
7899	9.6	163744.5	-4707.5
7900	9.2	163750.0	-4705.4
7901	9.2	163806.0	-4704.6
7902	8.0	163814.5	-4721.5
7903	8.6	163825.5	-4701.1
7904	9.2	163826.5	-4718.8
7905	9.6	163831.0	-4742.8
7906	8.6	163833.0	-4700.5
7907	9.6	163836.5	-4724.0
7908	9.2	163840.0	-4745.3
7909	9.0	163850.5	-4700.9
7910	9.6	163853.5	-4702.7
7911	7.8	163904.5	-4703.2
7912	9.5	163916.0	-4759.4
7913	9.5	163918.5	-4751.1
7914	9.0	163927.5	-4727.1
7915	9.5	163940.0	-4706.4
7916	9.6	163942.5	-4753.3
7917	8.0	163943.0	-4729.5
7918	8.4	164001.0	-4727.8
7919	9.6	164020.0	-4755.0
7920	9.6	164038.0	-4735.4
7921	9.0	164038.5	-4758.0
7922	9.4	164038.5	-4734.2
7923	8.8	164042.0	-4711.1
7924	9.5	164042.0	-4704.7
7925	9.0	164045.0	-4728.8
7926	9.4	164048.5	-4709.4
7927	9.0	164058.5	-4716.7
7928	9.0	164112.5	-4743.2
7929	9.2	164120.0	-4725.2
7930	9.6	164144.0	-4705.3
7931	9.6	164230.5	-4723.1
7932	9.5	164240.0	-4738.8
7933	9.4	164246.9	-4758.7
7934	8.8	164250.0	-4758.5
7935	9.5	164308.5	-4753.2
7936	9.6	164323.5	-4704.4
7937	8.4	164349.5	-4721.9
7938	7.6	164349.7	-4701.7
7939	9.0	164400.0	-4708.9
7940	9.0	164405.0	-4726.1
7941	9.2	164405.5	-4747.4
7942	8.9	164420.0	-4718.9
7943	9.0	164427.0	-4712.0
7944	9.6	164428.0	-4732.6
7945	9.6	164435.5	-4723.9
7946	9.6	164438.0	-4706.3
7947	9.3	164439.5	-4757.0
7948	9.5	164458.5	-4730.5
7949	9.6	164527.0	-4730.5
7950	9.0	164533.5	-4753.8
7951	8.4	164538.0	-4710.1
7952	8.9	164541.4	-4700.2
7953	8.2	164546.5	-4741.9
7954	9.6	164553.0	-4718.2
7955	8.8	164557.0	-4740.6
7956	9.0	164619.5	-4715.0
7957	9.6	164625.0	-4744.6
7958	9.0	164631.6	-4756.6
7959	9.3	164652.5	-4732.9
7960	7.7	164655.5	-4731.1
7961	9.0	164658.5	-4704.8
7962	9.2	164714.0	-4741.0
7963	9.6	164715.0	-4704.2
7964	9.5	164715.5	-4728.1
7965	9.2	164717.0	-4737.3
7966	9.2	164729.5	-4758.7
7967	9.4	164738.8	-4758.4
7968	9.5	164750.0	-4738.7
7969	9.2	164802.0	-4701.0
7970	9.6	164807.2	-4759.4
7971	9.3	164820.0	-4704.3
7972	9.2	164851.0	-4702.6

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7973	9.2	164856.5	-4728.8	8063	9.4	170013.1	-4701.5	8153	10.0	170807.6	-4728.1
7974	9.6	164919.5	-4711.8	8064	9.8	170017.6	-4716.2	8154	9.6	170813.6	-4738.6
7975	9.0	164920.0	-4728.5	8065	10.0	170020.6	-4741.2	8155	9.6	170824.6	-4750.9
7976	9.2	164930.0	-4718.2	8066	10.0	170020.6	-4709.1	8156	9.6	170825.6	-4751.5
7977	9.2	164940.9	-4711.9	8067	9.8	170020.6	-4710.5	8157	9.9	170828.1	-4743.1
7978	9.6	164951.0	-4729.0	8068	9.4	170025.1	-4700.9	8158	10.0	170831.6	-4721.1
7979	9.5	164954.2	-4718.4	8069	9.0	170025.1	-4707.1	8159	9.6	170835.6	-4702.1
7980	9.6	165001.3	-4728.8	8070	9.8	170029.3	-4759.9	8160	10.0	170837.1	-4725.8
7981	9.6	165020.9	-4748.9	8071	9.8	170036.1	-4739.2	8161	9.5	170838.1	-4744.6
7982	8.9	165021.2	-4705.3	8072	9.6	170038.1	-4726.2	8162	9.6	170841.6	-4745.0
7983	9.2	165022.2	-4708.3	8073	10.0	170107.6	-4706.4	8163	9.6	170845.6	-4750.6
7984	9.6	165026.1	-4705.7	8074	9.6	170110.6	-4753.7	8164	9.8	170845.6	-4707.9
7985	9.6	165026.7	-4745.9	8075	10.0	170111.3	-4747.9	8165	8.7	170846.1	-4754.8
7986	9.6	165045.5	-4740.1	8076	10.0	170118.1	-4737.1	8166	9.8	170846.3	-4748.3
7987	9.6	165052.5	-4720.5	8077	9.6	170120.6	-4749.3	8167	9.5	170849.1	-4716.2
7988	9.6	165101.5	-4734.7	8078	9.2	170120.6	-4710.7	8168	9.5	170851.1	-4729.8
7989	9.6	165101.7	-4715.7	8079	9.8	170121.6	-4719.0	8169	9.4	170851.1	-4751.4
7990	9.6	165110.0	-4705.5	8080	9.9	170128.8	-4757.1	8170	9.5	170854.1	-4729.2
7991	8.8	165110.4	-4758.8	8081	9.1	170131.6	-4709.6	8171	9.8	170855.6	-4716.3
7992	9.0	165120.7	-4719.2	8082	9.6	170145.1	-4704.9	8172	7.4	170900.6	-4740.6
7993	9.0	165123.7	-4748.2	8083	9.0	170148.1	-4740.1	8173	9.6	170900.6	-4731.1
7994	9.9	165124.4	-4746.4	8084	9.8	170151.1	-4740.0	8174	9.9	170901.1	-4743.2
7995	9.6	165141.9	-4704.0	8085	9.8	170224.6	-4753.0	8175	8.2	170901.3	-4757.3
7996	10.0	165202.9	-4700.8	8086	10.0	170224.6	-4715.0	8176	10.0	170913.6	-4755.2
7997	10.0	165205.9	-4707.0	8087	10.0	170232.2	-4700.3	8177	9.6	170917.6	-4708.8
7998	9.6	165208.4	-4715.2	8088	10.0	170236.6	-4733.7	8178	9.6	170918.1	-4709.8
7999	8.6	165221.4	-4709.9	8089	9.6	170239.1	-4740.9	8179	9.3	170921.1	-4709.8
8000	9.8	165222.4	-4730.2	8090	10.0	170241.1	-4726.0	8180	9.6	170929.1	-4729.3
8001	9.9	165222.4	-4728.8	8091	10.0	170246.1	-4744.9	8181	9.2	170931.1	-4736.8
8002	9.6	165228.4	-4753.0	8092	9.6	170250.1	-4732.1	8182	9.6	170932.6	-4720.6
8003	9.2	165235.9	-4739.9	8093	10.0	170250.6	-4750.0	8183	9.9	170941.1	-4709.1
8004	10.0	165258.4	-4746.8	8094	9.5	170251.1	-4705.8	8184	9.5	170949.1	-4700.8
8005	9.6	165309.9	-4718.6	8095	10.0	170251.6	-4702.7	8185	9.5	170953.6	-4718.4
8006	10.0	165312.4	-4706.0	8096	9.3	170300.4	-4757.6	8186	9.6	170958.6	-4725.4
8007	10.0	165317.4	-4738.2	8097	10.0	170300.6	-4706.2	8187	9.9	171001.1	-4735.6
8008	10.0	165329.4	-4714.6	8098	10.0	170302.1	-4750.3	8188	9.6	171011.6	-4713.2
8009	9.9	165339.4	-4755.9	8099	9.6	170304.1	-4728.0	8189	10.0	171013.6	-4720.1
8010	9.0	165339.9	-4710.6	8100	10.0	170312.6	-4705.0	8190	9.8	171015.1	-4757.9
8011	9.3	165356.0	-4758.0	8101	9.9	170317.6	-4710.5	8191	9.6	171015.1	-4714.3
8012	8.8	165404.9	-4720.8	8102	10.0	170320.6	-4749.1	8192	9.9	171021.1	-4753.4
8013	10.0	165418.0	-4714.5	8103	9.9	170321.6	-4725.4	8193	9.9	171029.8	-4726.0
8014	8.3	165444.4	-4715.2	8104	9.9	170331.6	-4736.0	8194	9.3	171035.8	-4722.0
8015	9.6	165447.9	-4708.4	8105	9.4	170332.1	-4707.1	8195	10.0	171039.8	-4758.9
8016	9.6	165453.4	-4752.6	8106	9.1	170337.1	-4704.0	8196	9.4	171040.3	-4701.3
8017	9.5	165500.4	-4742.1	8107	9.3	170349.1	-4703.0	8197	9.9	171040.8	-4730.0
8018	10.0	165511.9	-4729.6	8108	9.9	170352.1	-4748.6	8198	10.0	171044.8	-4700.4
8019	8.1	165545.4	-4703.6	8109	10.0	170356.6	-4734.0	8199	10.0	171048.8	-4757.7
8020	10.0	165546.4	-4737.5	8110	10.0	170400.1	-4728.1	8200	9.9	171053.3	-4734.1
8021	10.0	165549.4	-4710.3	8111	9.2	170401.1	-4742.8	8201	8.0	171056.3	-4747.8
8022	10.0	165553.9	-4741.7	8112	10.0	170403.1	-4728.1	8202	9.8	171107.3	-4708.1
8023	9.4	165600.4	-4700.0	8113	9.0	170406.6	-4705.9	8203	9.4	171109.8	-4719.3
8024	8.8	165602.4	-4731.3	8114	10.0	170411.1	-4702.2	8204	9.3	171110.8	-4736.9
8025	10.0	165608.4	-4728.6	8115	7.7	170411.6	-4709.8	8205	9.9	171111.3	-4718.5
8026	10.0	165610.4	-4707.3	8116	10.0	170412.1	-4718.2	8206	9.6	171122.3	-4709.9
8027	9.4	165614.4	-4744.3	8117	8.6	170417.1	-4747.7	8207	9.4	171124.3	-4700.1
8028	10.0	165620.9	-4752.8	8118	10.0	170420.1	-4720.2	8208	9.6	171128.8	-4724.0
8029	10.0	165621.4	-4708.9	8119	9.8	170443.1	-4733.0	8209	9.8	171141.8	-4722.0
8030	8.9	165650.9	-4714.7	8120	10.0	170456.6	-4751.1	8210	10.0	171149.3	-4720.5
8031	9.6	165656.9	-4720.2	8121	10.0	170500.6	-4705.0	8211	9.9	171154.8	-4748.1
8032	9.4	165657.9	-4730.7	8122	9.8	170513.6	-4754.0	8212	9.6	171155.8	-4710.7
8033	8.6	165706.4	-4740.1	8123	10.0	170515.6	-4754.9	8213	10.0	171200.7	-4717.0
8034	9.6	165713.9	-4704.7	8124	9.3	170518.6	-4716.0	8214	9.5	171200.8	-4724.5
8035	8.9	165718.4	-4740.6	8125	9.8	170520.6	-4731.9	8215	10.0	171202.3	-4745.1
8036	8.4	165718.4	-4750.2	8126	9.0	170525.6	-4745.6	8216	9.8	171203.8	-4755.5
8037	10.0	165723.4	-4736.6	8127	8.8	170527.6	-4715.1	8217	9.9	171212.3	-4741.2
8038	9.9	165730.4	-4732.3	8128	10.0	170529.1	-4730.3	8218	9.6	171219.8	-4717.0
8039	9.5	165730.7	-4759.0	8129	9.6	170531.6	-4754.8	8219	8.8	171220.8	-4740.6
8040	10.0	165730.9	-4705.2	8130	9.6	170544.6	-4713.6	8220	10.0	171220.8	-4728.4
8041	9.4	165733.9	-4708.3	8131	10.0	170549.1	-4703.5	8221	9.0	171220.8	-4712.8
8042	10.0	165740.4	-4723.6	8132	9.6	170550.1	-4751.3	8222	9.4	171226.3	-4715.3
8043	9.5	165752.4	-4733.4	8133	9.8	170550.6	-4751.0	8223	10.0	171230.8	-4703.4
8044	10.0	165752.9	-4747.0	8134	9.2	170602.1	-4718.2	8224	10.0	171232.8	-4727.1
8045	9.8	165805.4	-4704.3	8135	9.6	170610.1	-4740.3	8225	7.7	171234.8	-4755.2
8046	9.6	165808.1	-4701.4	8136	10.0	170621.6	-4708.8	8226	10.0	171240.3	-4724.4
8047	8.9	165811.4	-4739.9	8137	9.6	170630.1	-4728.6	8227	10.0	171240.8	-4709.0
8048	9.8	165811.9	-4750.6	8138	9.4	170630.6	-4722.4	8228	9.6	171245.8	-4717.6
8049	8.4	165828.9	-4732.2	8139	9.0	170631.6	-4748.2	8229	9.8	171250.5	-4715.9
8050	10.0	165831.9	-4724.1	8140	9.9	170641.6	-4744.2	8230	9.6	171259.0	-4736.9
8051	10.0	165841.2	-4759.8	8141	10.0	170641.6	-4716.0	8231	10.0	171300.5	-4753.4
8052	8.8	165846.9	-4746.7	8142	8.9	170649.1	-4708.2	8232	10.0	171302.5	-4754.2
8053	10.0	165853.1	-4757.8	8143	8.8	170658.6	-4738.0	8233	9.2	171316.0	-4708.3
8054	10.0	165901.6	-4744.2	8144	9.0	170700.6	-4725.8	8234	9.0	171317.0	-4724.3
8055	10.0	165912.1	-4734.7	8145	9.5	170717.1	-4730.2	8235	9.4	171319.5	-4751.7
8056	9.4	165927.1	-4712.0	8146	10.0	170735.1	-4748.2	8236	9.9	171321.8	-4702.0
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8058	9.5	165939.1	-4703.3	8148	9.8	170748.6	-4719.4	8238	9.6	171331.0	-4725.8
8059	9.1	165950.1	-4728.0	8149	10.0	170801.4	-4712.4	8239	9.5	171332.5	-4709.8
8060	10.0	165955.6	-4750.1	8150	10.0	170801.6	-4728.5	8240	9.6	171336.0	-4746.4
8061	9.5	170004.1	-4706.0	8151	10.0	170805.6	-4719.8	8241	9.6	171341.0	-4725.9
8062	7.8	170010.6	-4705.7	8152	8.8	170807.1	-4735.8	8242	9.6	171344.0	-4729.9
8243	9.9	171351.5	-4749.0								
8244	8.9	171353.5	-4725.0								
8245	6.3	171353.5	-4720.5								
8246	9.9	171407.0	-4731.8								
8247	9.2	171407.0	-4722.6								
8248	9.5	171407.0	-4722.1								
8249	9.6	171408.2	-4756.7								
8250	8.8	171411.5	-4711.9								
8251	10.0	171413.5	-4725.1								
8252	10.0	171414.0	-4727.1								
8253	10.0	171414.5	-4737.3								
8254	9.8	171415.5	-4734.9								
8255	10.0	171431.0	-4730.0								
8256	9.2	171433.0	-4723.8								
8257	9.4	171434.5	-4754.1								
8258	9.5	171434.5	-4755.4								
8259	9.4	171441.3	-4701.6								
8260	10.0	171456.0	-4742.0								
8261	9.6	171501.5	-4749.5								
8262	9.5	171504.3	-4759.2								
8263	9.5	171504.5	-4734.7								
8264	9.9	171510.5	-4745.5								
8265	10.0	171511.5	-4749.4								
8266	10.0	171512.0	-4754.0								
8267	10.0	171512.0	-4752.2								
8268	9.0	171512.8	-4701.5								
8269	9.0	171512.8	-4701.7								
8270	10.0	171515.0	-4749.4								
8271	10.0	171519.7	-4717.1								
8272	9.8	171521.5	-4744.8								
8273	10.0	171522.0	-4758.9								
8274	9.1	171535.7	-4723.8								
8275	9.8	171536.5	-4710.6								
8276	9.6	171539.5	-4742.6								
8277	9.0	171554.1	-4758.0								
8278	10.0	171554.5	-4735.3								
8279	10.0	171601.5	-4729.1								
8280	8.4	171601.5	-4746.9								
8281	8.4	171603.0	-4733.1								
8282	10.0	171603.5	-4723.8								
8283	9.6	171611.5	-4723.0								
8284	9.4	171611.5	-4723.6								
8285	9.6	171612.0	-4729.1								
8286	9.0	171613.5	-4722.0								
8287	9.6	171616.5	-4724.5								
8288	9.6	171622.5	-4728.0								
8289	9.9	171624.5	-4702.2								
8290	10.0	171632.5	-4734.2								
8291	9.5	171635.5	-4710.9								
8292	9.1	171640.0	-4716.0								
8293	9.9	171641.3	-4700.7								
8294	9.4	171645.5	-4742.3								
8295	9.8	171653.0	-4741.6								
8296	10.0	171657.0	-4756.4								
8297	9.8	171703.0	-4756.0								
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8299	9.0	171707.0	-4747.8								
8300	9.9	171709.5	-4711.4								
8301	9.8	171710.0	-4755.2								
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8305	9.5	171734.5	-4711.5								
8306	10.0	171738.5	-4725.0								
8307	10.0	171740.0	-4757.2								
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8309	8.5	171750.2	-4713.2								
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8311	10.0	171754.0	-4713.8								
8312	10.0	171754.5	-4758.8								
8313	10.0	171754.5	-4754.8								
8314	8.8	171755.2	-4749.7								
8315	9.9	171757.0	-4750.9								
8316	10.0	171802.0	-4755.8								
8317	9.5	171805.0	-4743.3								
8318	9.8	171808.0	-4706.7								
8319	10.0	171811.0	-4709.8								
8320	9.8	171814.0	-4719.4								
8321	9.3	171818.4	-4740.3								
8322	9.8	171819.5	-4721.2								
8323	9.8	171827.5	-4717.8								
8324	9.2	171832.2	-4706.2								
8325	9.6	171835.0	-4756.4								
8326	7.7	171837.2	-4715.1								
8327	10.0	171837.5	-4739.2								
8328	9.8	171900.4	-4722.6								
8329	9.8	171906.7	-4727.7								
8330	9.8	171911.7	-4740.5								
8331	9.8	171923.9	-4703.5								
8332	9.6	172004.9	-4743.8								

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8333	8.9	172010.9	-4733.2
8334	9.6	172026.4	-4714.6
8335	9.8	172052.7	-4701.8
8336	9.8	172059.4	-4726.1
8337	10.2	172107.5	-4759.1
8338	9.0	172116.2	-4702.7
8339	9.6	172118.4	-4714.3
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8341	9.4	172133.9	-4722.5
8342	9.3	172137.4	-4710.5
8343	9.8	172140.8	-4715.6
8344	9.0	172141.9	-4715.7
8345	9.4	172149.9	-4708.9
8346	9.3	172200.6	-4703.2
8347	9.2	172205.1	-4726.3
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8349	9.8	172231.1	-4710.1
8350	8.8	172246.1	-4723.6
8351	9.8	172249.1	-4747.1
8352	9.6	172251.6	-4707.6
8353	9.6	172258.6	-4707.4
8354	8.6	172318.1	-4728.3
8355	9.8	172328.6	-4709.9
8356	9.6	172331.1	-4717.6
8357	9.8	172334.6	-4756.5
8358	9.1	172341.1	-4754.0
8359	9.8	172408.6	-4708.3
8360	9.6	172409.1	-4735.1
8361	9.1	172413.1	-4718.8
8362	9.8	172425.3	-4757.1
8363	9.6	172440.1	-4737.8
8364	9.6	172441.1	-4729.4
8365	9.8	172455.1	-4730.0
8366	9.3	172456.1	-4700.0
8367	9.8	172502.1	-4723.4
8368	9.3	172504.1	-4755.5
8369	8.8	172514.1	-4714.1
8370	7.8	172523.1	-4747.3
8371	9.8	172523.6	-4716.4
8372	9.5	172526.1	-4738.8
8373	9.8	172537.1	-4752.0
8374	9.6	172539.1	-4713.1
8375	9.8	172539.1	-4700.1
8376	9.8	172618.6	-4752.7
8377	9.4	172621.1	-4725.8
8378	9.8	172637.3	-4731.8
8379	9.8	172641.3	-4705.0
8380	9.8	172647.3	-4729.8
8381	8.5	172649.3	-4716.1
8382	9.8	172658.8	-4759.6
8383	9.8	172701.8	-4732.6
8384	9.8	172703.3	-4712.6
8385	9.4	172713.3	-4707.8
8386	8.5	172713.3	-4702.7
8387	9.8	172731.8	-4730.9
8388	9.5	172732.3	-4720.7
8389	9.8	172733.5	-4759.8
8390	8.2	172735.3	-4709.6
8391	8.6	172740.3	-4704.7
8392	9.4	172748.8	-4732.9
8393	9.8	172754.8	-4749.1
8394	9.4	172816.3	-4735.3
8395	9.0	172819.3	-4757.9
8396	8.8	172829.3	-4701.8
8397	9.8	172829.8	-4724.1
8398	9.4	172834.3	-4750.9
8399	9.8	172913.8	-4719.2
8400	8.5	172921.8	-4705.8
8401	9.8	172931.3	-4733.8
8402	9.2	172941.3	-4729.1
8403	8.7	173022.8	-4736.0
8404	9.8	173033.3	-4702.6
8405	9.2	173037.3	-4708.0
8406	9.4	173042.8	-4729.6
8407	9.8	173051.3	-4742.0
8408	9.3	173101.3	-4708.0
8409	9.2	173103.3	-4749.1
8410	8.4	173119.8	-4718.0
8411	9.5	173119.8	-4731.9
8412	9.8	173120.9	-4701.0
8413	6.5	173132.3	-4747.1
8414	9.5	173150.8	-4730.2
8415	9.8	173151.8	-4729.6
8416	9.6	173156.5	-4757.7
8417	9.6	173157.8	-4728.8
8418	9.8	173210.3	-4710.2
8419	8.8	173217.8	-4708.8
8420	7.6	173224.8	-4726.6
8421	9.4	173225.0	-4757.8
8422	8.8	173232.3	-4742.7
8423	9.3	173236.3	-4720.9
8424	9.8	173246.3	-4745.1
8425	9.8	173251.8	-4730.7
8426	9.8	173253.3	-4707.7
8427	9.4	173312.3	-4732.2
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8430	9.2	173325.8	-4751.7
8431	9.8	173330.3	-4747.8
8432	8.9	173332.3	-4722.6
8433	9.8	173338.5	-4742.3
8434	9.6	173340.8	-4723.4
8435	9.0	173341.8	-4742.0
8436	9.3	173345.8	-4731.8
8437	9.3	173350.8	-4759.4
8438	9.3	173356.3	-4713.0
8439	8.4	173357.3	-4729.9
8440	9.6	173358.3	-4706.3
8441	9.8	173401.3	-4733.0
8442	8.8	173403.3	-4709.8
8443	9.8	173405.0	-4726.7
8444	8.8	173408.5	-4717.9
8445	9.2	173411.5	-4751.3
8446	8.2	173414.5	-4706.6
8447	9.4	173421.5	-4734.3
8448	8.2	173428.5	-4734.0
8449	9.3	173433.5	-4731.1
8450	9.8	173437.0	-4733.0
8451	9.2	173437.5	-4748.6
8452	9.8	173450.5	-4709.2
8453	9.8	173451.5	-4756.6
8454	8.8	173456.0	-4704.8
8455	9.5	173459.5	-4758.8
8456	8.9	173507.0	-4722.7
8457	9.2	173507.5	-4736.0
8458	9.6	173511.5	-4739.2
8459	9.6	173519.0	-4758.2
8460	9.8	173519.5	-4742.9
8461	7.5	173521.5	-4739.3
8462	9.2	173521.5	-4703.6
8463	9.8	173532.3	-4701.7
8464	9.2	173535.0	-4736.1
8465	9.4	173536.0	-4745.8
8466	8.7	173541.5	-4707.2
8467	9.8	173544.0	-4719.2
8468	9.3	173607.5	-4712.0
8469	8.7	173614.0	-4715.9
8470	9.2	173619.0	-4711.7
8471	9.5	173621.5	-4745.0
8472	9.8	173624.5	-4737.7
8473	9.3	173630.5	-4718.8
8474	9.8	173632.0	-4704.0
8475	9.5	173633.6	-4714.9
8476	9.0	173636.5	-4709.7
8477	9.4	173639.5	-4736.3
8478	8.9	173651.7	-4706.1
8479	9.8	173708.7	-4703.4
8480	8.5	173711.7	-4757.6
8481	9.0	173714.2	-4734.1
8482	9.8	173716.4	-4757.0
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8756 10.1 180429.5 -4712.8	8846 10.0 181307.3 -4727.1	8936 10.0 182506.3 -4730.2	9026 8.3 183501.8 -4704.8
8757 8.9 180430.0 -4708.1	8847 9.5 181314.3 -4709.3	8937 9.8 182510.8 -4747.2	9027 9.1 183515.8 -4743.0
8758 9.8 180440.5 -4744.1	8848 9.4 181328.3 -4736.2	8938 9.8 182525.8 -4727.0	9028 10.4 183519.8 -4725.1
8759 9.2 180449.0 -4729.4	8849 9.0 181348.5 -4756.4	8939 10.2 182528.8 -4744.2	9029 9.6 183549.8 -4715.8
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8761 10.0 180451.0 -4746.1	8851 9.6 181421.3 -4736.1	8941 10.4 182551.8 -4730.9	9031 9.9 183600.8 -4708.4
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8769 9.3 180520.3 -4710.8	8859 9.6 181524.3 -4733.9	8949 10.4 182658.8 -4754.2	9039 9.2 183643.8 -4747.6
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8771 10.0 180542.3 -4714.5	8861 10.2 181543.3 -4756.2	8951 10.4 182703.8 -4742.6	9041 10.4 183714.3 -4707.6
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8778 8.0 180613.8 -4734.4	8868 10.4 181636.5 -4758.1	8958 9.8 182750.8 -4734.2	9048 9.0 183820.8 -4755.0
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8782 10.1 180635.3 -4724.9	8872 9.8 181738.8 -4723.7	8962 10.4 182805.8 -4755.0	9052 10.4 183858.3 -4723.6

-47 9053 18h39m

9053 9.6 183906.8 -4700.6	9143 10.4 185304.7 -4750.8	9233 9.0 190814.5 -4732.3	9323 8.5 192941.8 -4747.4
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9069 9.4 184049.9 -4713.9	9159 10.4 185520.2 -4745.5	9249 10.0 191348.2 -4756.0	9339 10.0 193238.0 -4747.4
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9078 10.2 184144.3 -4738.3	9168 10.3 185711.5 -4700.6	9258 10.1 191549.7 -4759.9	9348 8.9 193444.5 -4719.2
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9082 10.2 184200.1 -4747.9	9172 9.2 185750.7 -4742.0	9262 10.1 191643.7 -4727.2	9352 10.1 193555.0 -4758.1
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9098 9.9 184448.1 -4718.3	9188 10.3 185951.2 -4702.5	9278 9.9 191912.6 -4729.8	9368 9.6 194151.3 -4700.4
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9101 9.0 184527.6 -4748.7	9191 10.4 190033.2 -4723.2	9281 9.4 191937.1 -4709.2	9371 10.3 194254.1 -4747.2
9102 8.9 184545.6 -4746.2	9192 10.4 190039.7 -4739.2	9282 9.4 191940.1 -4709.2	9372 7.9 194255.0 -4710.6
9103 10.0 184554.6 -4700.2	9193 10.2 190051.7 -4754.1	9283 10.0 191950.6 -4747.4	9373 10.2 194 15.0 -4717.3
9104 10.2 184613.1 -4702.6	9194 9.7 190124.7 -4729.7	9284 10.1 191955.1 -4738.4	9374 10.2 194 16.5 -4709.2
9105 9.3 184631.6 -4701.5	9195 9.5 190126.7 -4715.2	9285 9.9 191955.6 -4720.6	9375 10.0 194 22.0 -4745.6
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9107 8.8 184743.6 -4744.1	9197 8.6 190151.7 -4748.2	9287 9.4 192009.6 -4750.0	9377 10.2 194331.0 -4756.7
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9121 8.0 185027.1 -4729.7	9211 9.8 190419.7 -4747.2	9301 9.4 192439.0 -4721.8	9391 8.8 194751.3 -4744.9
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9125 9.4 185048.1 -4706.2	9215 8.4 190437.7 -4733.8	9305 9.7 192509.6 -4700.6	9395 10.3 194819.3 -4747.3
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9129 9.2 185103.6 -4717.7	9219 9.4 190514.7 -4715.0	9309 9.0 192636.0 -4708.1	9399 10.0 194923.3 -4748.5
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9131 10.2 185115.6 -4726.9	9221 9.7 190543.2 -4724.0	9311 8.5 192730.5 -4709.3	9401 10.2 194951.8 -4717.0
9132 9.2 185116.7 -4721.3	9222 10.2 190558.7 -4705.9	9312 10.1 192734.0 -4739.6	9402 9.2 195010.7 -4757.0
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9138 9.8 185210.7 -4743.9	9228 10.0 190659.2 -4723.6	9318 9.0 192816.8 -4702.1	9408 8.6 195110.8 -4718.8
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9141 10.4 185256.7 -4730.6	9231 10.3 190741.7 -4749.6	9321 10.0 192937.3 -4750.0	9411 7.0 195221.3 -4744.2
9142 10.0 185304.2 -4757.7	9232 10.4 190758.2 -4742.9	9322 9.8 192938.8 -4703.1	9412 10.3 195223.6 -4702.2

-47 9412 19h52m

-47 9413 19h52m

-47 9772 21h43m

9413	9.6	195235.8	-4745.3	9503	10.1	201624.7	-4729.8	9593	9.8	204434.8	-4701.0
9414	10.3	195237.3	-4710.3	9504	10.5	201635.7	-4723.3	9594	8.6	204449.1	-4709.4
9415	10.3	195248.8	-4707.2	9505	10.5	201647.7	-4721.8	9595	9.2	204531.6	-4741.4
9416	9.3	195302.8	-4739.2	9506	10.3	201706.2	-4707.4	9596	9.2	204541.1	-4710.8
9417	10.0	195310.3	-4749.4	9507	9.5	201710.2	-4757.9	9597	10.0	204553.1	-4723.3
9418	9.5	195405.8	-4738.1	9508	7.2	201714.7	-4703.7	9598	7.5	204612.6	-4704.0
9419	9.5	195424.3	-4727.5	9509	9.8	201730.2	-4741.6	9599	10.0	204613.6	-4749.0
9420	10.3	195430.3	-4732.9	9510	10.2	201800.2	-4727.5	9600	10.0	204626.0	-4745.8
9421	7.6	195440.8	-4719.6	9511	7.8	201809.2	-4739.8	9601	9.6	204650.1	-4712.6
9422	10.0	195450.3	-4710.9	9512	9.1	201821.2	-4716.0	9602	10.0	204706.1	-4752.4
9423	10.2	195502.8	-4751.5	9513	10.2	201829.2	-4715.6	9603	9.2	204715.6	-4716.0
9424	8.8	195512.3	-4744.5	9514	10.0	201835.7	-4706.1	9604	10.0	204723.1	-4734.3
9425	10.3	195517.8	-4717.4	9515	10.3	201854.2	-4740.0	9605	9.3	204730.1	-4750.0
9426	9.8	195551.3	-4755.0	9516	10.3	201908.7	-4711.2	9606	10.0	204750.6	-4752.6
9427	8.9	195606.8	-4742.7	9517	9.1	201910.2	-4719.5	9607	9.6	204836.6	-4708.0
9428	8.6	195608.3	-4750.2	9518	9.0	201933.7	-4721.9	9608	9.3	204905.1	-4726.2
9429	9.0	195649.3	-4743.8	9519	9.0	201945.2	-4719.2	9609	9.0	204929.6	-4755.4
9430	10.2	195701.3	-4720.4	9520	9.6	202122.2	-4719.3	9610	10.0	204930.1	-4726.8
9431	10.2	195706.8	-4748.7	9521	10.5	202135.2	-4741.1	9611	9.6	204931.6	-4721.2
9432	10.3	195709.3	-4709.7	9522	10.5	202137.2	-4706.5	9612	10.0	204948.1	-4738.2
9433	8.4	195832.3	-4712.1	9523	10.5	202210.7	-4736.0	9613	9.8	204957.1	-4751.4
9434	10.2	195852.3	-4708.0	9524	10.5	202237.2	-4719.0	9614	9.3	205019.1	-4703.4
9435	9.5	195900.3	-4705.2	9525	10.5	202258.2	-4721.4	9615	9.6	205040.1	-4714.9
9436	8.0	195907.3	-4732.2	9526	10.5	202320.2	-4758.0	9616	9.0	205113.1	-4736.4
9437	9.6	195912.3	-4731.3	9527	10.5	202340.2	-4729.5	9617	9.8	205117.1	-4716.0
9438	8.9	195926.0	-4701.3	9528	10.5	202341.7	-4734.5	9618	9.0	205153.1	-4730.2
9439	10.3	195927.8	-4744.4	9529	9.0	202347.7	-4739.7	9619	9.8	205208.1	-4752.7
9440	7.8	195929.3	-4755.1	9530	10.4	202349.7	-4737.2	9620	9.0	205244.6	-4748.4
9441	8.9	195933.3	-4740.2	9531	10.3	202402.2	-4708.8	9621	10.0	205324.6	-4719.0
9442	9.5	195938.3	-4710.1	9532	10.1	202640.2	-4704.9	9622	10.0	205422.1	-4717.8
9443	10.2	200000.3	-4710.8	9533	10.5	202642.4	-4709.1	9623	10.0	205459.6	-4727.0
9444	7.3	200004.8	-4725.5	9534	9.2	202653.7	-4706.9	9624	10.0	205621.2	-4738.0
9445	9.6	200021.3	-4704.5	9535	9.6	202719.0	-4759.0	9625	7.8	205712.2	-4700.2
9446	8.5	200022.3	-4731.8	9536	10.5	202828.2	-4730.1	9626	10.0	205712.7	-4705.8
9447	10.3	200028.5	-4704.9	9537	5.8	202846.7	-4743.5	9627	9.6	205800.2	-4717.8
9448	10.0	200032.8	-4703.2	9538	10.3	203010.7	-4722.8	9628	10.0	205831.2	-4739.2
9449	9.5	200055.0	-4702.0	9539	10.5	203016.4	-4757.9	9629	9.8	205839.7	-4704.2
9450	8.5	200115.8	-4741.7	9540	10.0	203025.2	-4703.4	9630	10.0	205841.7	-4706.6
9451	9.3	200141.3	-4733.6	9541	10.5	203039.2	-4744.9	9631	9.4	205851.2	-4710.8
9452	7.6	200141.8	-4706.0	9542	10.1	203100.2	-4751.2	9632	9.6	205903.2	-4753.1
9453	8.9	200205.3	-4734.8	9543	8.3	203139.7	-4715.9	9633	9.3	205909.6	-4748.0
9454	9.6	200227.3	-4742.1	9544	10.4	203225.2	-4735.2	9634	9.4	205920.7	-4702.8
9455	9.5	200228.8	-4715.4	9545	10.0	203231.0	-4751.4	9635	10.0	205943.5	-4731.7
9456	10.0	200230.3	-4721.3	9546	9.1	203243.5	-4717.9	9636	9.8	210001.7	-4745.8
9457	10.0	200240.3	-4707.4	9547	10.5	203310.2	-4729.9	9637	9.6	210017.3	-4749.8
9458	8.6	200254.8	-4726.3	9548	10.4	203319.5	-4741.1	9638	9.5	210031.8	-4732.7
9459	9.4	200307.8	-4750.2	9549	10.0	203330.5	-4736.0	9639	8.8	210035.1	-4705.8
9460	9.0	200400.3	-4753.1	9550	9.6	203355.2	-4737.6	9640	9.8	210037.2	-4700.8
9461	10.2	200409.3	-4709.0	9551	9.8	203358.0	-4706.8	9641	8.6	210041.5	-4729.9
9462	9.5	200450.3	-4759.4	9552	9.6	203401.3	-4740.0	9642	8.6	210043.8	-4716.2
9463	9.6	200455.5	-4747.1	9553	9.6	203422.8	-4713.2	9643	10.4	210048.5	-4740.9
9464	10.0	200512.7	-4758.4	9554	9.6	203431.0	-4743.9	9644	10.6	210131.5	-4730.5
9465	8.9	200520.3	-4750.2	9555	10.0	203504.5	-4712.2	9645	9.0	210234.0	-4750.8
9466	10.3	200600.9	-4712.6	9556	8.8	203524.5	-4724.0	9646	10.6	210247.0	-4750.6
9467	10.1	200700.2	-4704.8	9557	10.0	203531.0	-4729.6	9647	9.6	210314.5	-4706.8
9468	9.8	200701.7	-4713.6	9558	10.0	203537.0	-4747.2	9648	9.5	210332.0	-4734.0
9469	9.6	200706.7	-4721.9	9559	9.0	203612.0	-4753.8	9649	10.3	210358.5	-4706.1
9470	10.5	200719.7	-4732.7	9560	9.0	203625.0	-4743.8	9650	10.6	210509.0	-4738.5
9471	10.4	200740.4	-4700.7	9561	9.2	203631.5	-4708.2	9651	9.5	210538.5	-4743.5
9472	10.3	200757.7	-4720.3	9562	9.2	203644.5	-4740.1	9652	10.6	210544.5	-4719.0
9473	10.5	200840.2	-4738.5	9563	10.0	203704.0	-4726.2	9653	9.8	210546.0	-4749.9
9474	9.2	200918.7	-4752.3	9564	9.8	203706.0	-4749.2	9654	10.3	210619.0	-4756.0
9475	10.4	200922.7	-4709.9	9565	9.0	203711.5	-4707.2	9655	10.0	210648.5	-4741.9
9476	9.8	201010.2	-4731.9	9566	9.2	203715.5	-4709.0	9656	10.3	210652.5	-4709.9
9477	9.8	201015.2	-4737.1	9567	10.0	203829.5	-4728.6	9657	10.3	210723.5	-4755.6
9478	6.8	201018.9	-4757.6	9568	10.0	203832.0	-4717.8	9658	10.4	210732.5	-4757.4
9479	9.8	201020.2	-4708.1	9569	7.2	203833.0	-4737.5	9659	10.6	210812.5	-4736.3
9480	10.5	201024.2	-4735.5	9570	9.2	203837.0	-4752.8	9660	10.2	210853.5	-4745.4
9481	9.0	201109.2	-4707.5	9571	9.8	203905.5	-4748.4	9661	8.2	210903.5	-4732.9
9482	9.8	201122.7	-4741.8	9572	10.0	203907.0	-4712.5	9662	10.0	210908.8	-4702.1
9483	9.2	201135.2	-4735.9	9573	10.0	204004.0	-4718.8	9663	10.4	210926.0	-4742.9
9484	10.4	201140.2	-4710.5	9574	9.6	204014.5	-4719.2	9664	8.8	210931.5	-4747.6
9485	10.5	201141.1	-4758.0	9575	8.0	204037.0	-4706.4	9665	9.6	210947.5	-4731.4
9486	9.2	201148.7	-4724.5	9576	10.0	204042.0	-4749.0	9666	10.6	210957.0	-4757.5
9487	10.5	201232.7	-4725.3	9577	8.4	204050.0	-4716.2	9667	7.6	211002.5	-4731.3
9488	10.5	201246.2	-4744.4	9578	10.0	204051.8	-4719.7	9668	10.2	211047.5	-4722.9
9489	10.1	201252.2	-4725.4	9579	9.2	204053.5	-4726.2	9669	9.6	211052.5	-4734.9
9490	9.1	201302.2	-4725.7	9580	10.0	204109.8	-4711.7	9670	7.0	211057.5	-4736.6
9491	9.4	201315.7	-4752.8	9581	10.0	204121.0	-4718.8	9671	10.2	211100.5	-4704.1
9492	10.5	201320.2	-4757.1	9582	10.0	204150.0	-4714.2	9672	10.6	211128.5	-4723.8
9493	10.4	201335.7	-4721.0	9583	10.0	204231.5	-4753.8	9673	9.4	211131.0	-4750.6
9494	9.4	201339.7	-4752.4	9584	10.0	204234.5	-4710.8	9674	8.4	211158.5	-4749.4
9495	9.8	201346.7	-4735.1	9585	9.0	204251.0	-4751.2	9675	9.8	211206.5	-4757.4
9496	10.4	201402.7	-4739.7	9586	10.0	204327.5	-4745.0	9676	8.6	211239.5	-4722.7
9497	10.5	201415.7	-4749.7	9587	9.2	204346.5	-4746.0	9677	9.3	211254.5	-4720.1
9498	10.5	201441.2	-4752.3	9588	10.0	204352.5	-4746.4	9678	9.8	211317.0	-4743.0
9499	10.4	201454.1	-4759.7	9589	9.6	204416.2	-4759.2	9679	9.4	211320.5	-4715.4
9500	9.6	201454.7	-4722.1	9590	10.0	204420.1	-4704.5	9680	8.0	211346.7	-4701.3
9501	10.2	201558.2	-4742.6	9591	10.0	204431.6	-4750.2	9681	9.4	211416.8	-4710.6
9502	9.8	201620.7	-4709.4	9592	7.2	204432.1	-4705.2	9682	9.5	211417.3	-4725.5
9683	10.4	211424.3	-4747.0								
9684	10.4	211438.8	-4738.9								
9685	10.3	211508.3	-4711.9								
9686	9.8	211513.3	-4759.8								
9687	9.6	211540.8	-4722.0								
9688	6.8	211600.8	-4708.8								
9689	9.6	211608.8	-4743.2								
9690	9.8	211614.8	-4741.7								
9691	10.6	211722.8	-4714.2								
9692	7.2	211723.8	-4715.4								
9693	10.0	211726.3	-4745.8								
9694	10.6	211731.8	-4750.1								
9695	9.8	211733.8	-4722.4								
9696	10.6	211753.8	-4700.0								
9697	7.8	211805.3	-4731.3								
9698	10.3	211854.3	-4711.5								
9699	9.3	211901.3	-4741.9								
9700	8.8	211923.3	-4724.2								
9701	10.6	212009.8	-4708.5								
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9703	9.6	212127.8	-4727.8								
9704	10.3	212133.3	-4759.2								
9705	10.4	212143.8	-4744.2								
9706	10.2	212224.3	-4729.1								
9707	9.5	212250.8	-4750.6								
9708	9.6	212330.3	-4733.9								
9709	10.0	212348.8	-4749.9								
9710	8.2	212402.8	-4747.0								
9711	10.4	212418.8	-4721.4								
9712	10.2	212426.8	-4733.2								
9713	10.4	212520.8	-4725.2								
9714	10.3	212546.3	-4729.7								
9715	7.6	212548.8	-4709.8								
9716	10.0	212550.4	-4756.6								
9717	10.6	212607.1	-4751.5								
9718	9.1	212748.5	-4714.5								
9719	9.6	212749.0	-4741.9								
9720	10.0	212805.5	-4737.7								
9721	9.6	212820.9	-4747.5								
9722	9.2	212833.4	-4745.4								
9723	9.6	212901.5	-4709.7								
9724	10.4	212928.5	-4752.8								
9725	9.3	212948.5	-4709.9								
9726	9.6	213031.0	-4718.5								
9727	10.2	213033.6	-4759.0								
9728	10.0	213043.0	-4743.9								
9729	10.4	213126.5	-4727.7								
9730	9.3	213229.0	-4712.5								
9731	9.4	213240.0	-4747.5								
9732	10.4	213307.5	-4759.1								
9733	9.6	213329.0	-4732.5								
9734	9.6	213335.5	-4748.9								
9735	10.4	213349.0	-4709.1								
9736	9.6	213350.5	-4756.2								
9737	10.4	213358.5	-4709.9								
9738	9.4	213416.9	-4700.3								
9739	9.6	213426.5	-4753.1								
9740	10.0	213443.5	-4751.5								
9741	9.2	213449.0	-4757.2								
9742	9.0	213550.5	-4711.0								
9743	9.6	213557.5	-4727.4								
9744	9.6	213622.5	-4717.9								
9745	10.4	213629.0	-4759.4								
9746	9.4	213646.0	-4727.6								
9747	10.4	213704.5	-4725.2								
9748	8.2	213709.5	-4744.7								
9749	8.6	213712.9	-4701.6								
9750	9.8	213715.0	-4745.4								
9751	10.2	213729.5	-4731.7								
9752	9.6	213734.0	-4713.8								
9753	8.0	213806.9	-4758.6								
9754	9.4	213829.5	-4738.4								
9755	8.6	213906.2	-4701.6								
9756	10.4	213939.5	-4748.2								
9757	8.5	214008.0	-4751.5								
9758	6.7	214008.5	-4752.3								
9759	10.0	214054.5	-4753.2								
9760	8.8	214058.0	-4727.7								
9761	9.4	214104.0	-4717.8								
9762	10.4	214107.0	-4736.1								
9763	10.0	214121.0	-4719.0								
9764	9.6	214122.0	-4740.0								
9765	10.2	214136.5	-4720.9								
9766	7.6	214142.2	-4711.3								
9767	9.0	214152.2	-4711.2								
9768	10.4	214205.2	-4723.8								
9769	9.4	214306.2	-4716.3								
9770	9.6	214306.7	-4758.8								
9771	9.4	214319.2	-4734.2								
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9773	9.4	214353.2	-4708.3	9863	9.4	221845.7	-4706.3	9953	9.4	230447.7	-4753.8
9774	10.0	214414.7	-4717.6	9864	9.8	221922.7	-4739.6	9954	9.4	230529.7	-4707.4
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9776	9.8	214420.7	-4745.9	9866	9.8	222035.7	-4730.9	9956	9.5	230605.2	-4701.1
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9778	9.6	214429.7	-4746.2	9868	9.0	222232.7	-4710.1	9958	7.8	230645.7	-4752.4
9779	10.4	214439.7	-4717.5	9869	9.0	222242.2	-4718.3	9959	9.3	230647.2	-4701.1
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9781	10.0	214453.2	-4739.3	9871	9.0	222311.7	-4722.8	9961	8.8	230800.2	-4735.7
9782	7.8	214519.0	-4725.0	9872	9.8	222313.6	-4706.0	9962	9.0	230820.2	-4744.5
9783	9.4	214536.0	-4730.5	9873	9.1	222326.8	-4756.5	9963	9.2	230835.2	-4716.2
9784	10.0	214541.5	-4739.0	9874	8.5	222333.5	-4748.2	9964	9.0	230909.7	-4707.0
9785	9.0	214559.5	-4736.3	9875	9.2	222406.5	-4748.3	9965	8.4	230910.7	-4717.4
9786	10.0	214625.0	-4731.1	9876	7.3	222414.0	-4713.1	9966	8.4	230953.2	-4753.2
9787	10.0	214654.5	-4737.0	9877	9.6	222519.0	-4728.3	9967	9.6	231008.7	-4759.7
9788	10.4	214655.0	-4721.1	9878	9.5	222542.0	-4745.4	9968	9.3	231028.2	-4735.6
9789	9.6	214718.5	-4724.0	9879	9.2	222701.0	-4704.0	9969	9.3	231224.2	-4754.8
9790	9.8	214734.5	-4758.3	9880	9.6	222850.0	-4717.3	9970	9.0	231224.7	-4727.1
9791	7.0	214757.5	-4730.9	9881	9.0	222906.5	-4706.3	9971	9.6	231233.2	-4740.7
9792	10.0	214844.5	-4705.4	9882	9.6	223028.0	-4752.8	9972	8.0	231244.2	-4700.4
9793	7.6	214849.5	-4704.3	9883	7.2	223033.3	-4721.2	9973	8.9	231257.2	-4750.8
9794	9.8	214850.0	-4756.1	9884	9.6	223033.3	-4718.6	9974	9.6	231339.2	-4744.2
9795	10.4	214859.5	-4701.3	9885	9.1	223053.3	-4726.0	9975	8.8	231350.7	-4711.1
9796	9.4	214919.0	-4730.9	9886	9.5	223113.8	-4752.3	9976	9.2	231418.2	-4732.2
9797	8.4	214926.5	-4726.6	9887	9.4	223115.3	-4734.4	9977	9.5	231454.2	-4735.8
9798	9.6	214936.5	-4714.1	9888	8.3	223219.3	-4720.0	9978	7.8	231505.2	-4734.1
9799	10.0	214950.5	-4705.2	9889	9.6	223225.3	-4746.6	9979	9.4	231509.7	-4737.6
9800	10.2	215029.5	-4722.3	9890	9.1	223233.8	-4705.4	9980	8.8	231529.2	-4716.5
9801	9.6	215030.0	-4715.5	9891	9.2	223239.8	-4742.9	9981	9.4	231542.2	-4718.5
9802	10.0	215046.5	-4721.2	9892	9.2	223300.8	-4707.2	9982	9.6	231549.9	-4700.9
9803	9.0	215059.5	-4744.2	9893	9.1	223419.8	-4754.4	9983	8.7	231616.7	-4713.2
9804	10.4	215102.0	-4751.3	9894	8.6	223506.3	-4752.6	9984	9.0	231628.2	-4737.9
9805	9.4	215126.0	-4719.8	9895	6.8	223509.8	-4751.2	9985	9.6	231641.2	-4716.2
9806	9.6	215133.5	-4752.8	9896	5.2	223511.8	-4732.2	9986	9.6	231653.6	-4731.1
9807	10.4	215138.0	-4734.0	9897	9.4	223649.8	-4726.3	9987	9.6	231819.9	-4741.1
9808	8.8	215224.5	-4733.1	9898	9.4	223707.8	-4705.5	9988	9.4	231824.1	-4731.2
9809	10.4	215229.5	-4714.8	9899	7.0	223817.3	-4712.2	9989	9.6	231831.9	-4700.3
9810	8.6	215257.0	-4748.7	9900	8.6	223836.8	-4751.8	9990	9.9	231919.2	-4735.8
9811	10.4	215312.0	-4714.3	9901	8.7	223839.8	-4701.0	9991	9.9	231926.1	-4708.2
9812	10.4	215321.0	-4708.4	9902	9.2	223908.3	-4701.7	9992	9.4	231927.4	-4737.2
9813	9.3	215344.9	-4723.2	9903	7.1	223919.8	-4735.7	9993	9.8	232009.6	-4746.9
9814	8.6	215423.4	-4744.7	9904	9.2	224117.3	-4708.4	9994	7.9	232139.6	-4724.1
9815	9.3	215500.9	-4729.6	9905	9.4	224118.8	-4751.8	9995	9.2	232212.1	-4723.1
9816	9.4	215509.2	-4755.8	9906	8.8	224121.8	-4727.2	9996	9.0	232214.1	-4724.7
9817	8.8	215514.5	-4741.7	9907	9.0	224134.8	-4705.4	9997	9.9	232240.6	-4743.3
9818	10.4	215515.4	-4706.2	9908	9.6	224201.8	-4736.8	9998	9.8	232421.6	-4741.3
9819	9.4	215516.4	-4754.9	9909	9.6	224219.8	-4705.3	9999	9.7	232425.6	-4718.9
9820	9.6	215545.7	-4744.3	9910	9.1	224239.8	-4757.3	10000	9.9	232451.6	-4738.9
9821	9.4	215614.2	-4738.4	9911	9.1	224256.8	-4731.0	10001	7.6	232503.6	-4724.7
9822	9.6	215629.2	-4715.3	9912	9.6	224314.4	-4700.5	10002	9.9	232509.1	-4751.5
9823	10.4	215634.8	-4717.5	9913	9.4	224321.3	-4715.0	10003	9.9	232513.1	-4735.6
9824	10.0	215638.3	-4723.9	9914	8.6	224431.8	-4726.2	10004	9.2	232554.6	-4728.6
9825	9.6	215658.0	-4729.4	9915	9.2	224523.8	-4701.0	10005	9.7	232626.6	-4736.0
9826	10.0	215659.8	-4740.2	9916	8.2	224600.8	-4701.8	10006	9.9	232627.6	-4708.2
9827	9.8	215719.3	-4759.4	9917	9.2	224709.8	-4706.3	10007	8.6	232631.1	-4759.3
9828	8.4	215825.2	-4713.7	9918	9.6	224722.8	-4727.1	10008	9.8	232724.1	-4709.9
9829	9.8	215951.7	-4749.6	9919	8.6	224725.3	-4704.9	10009	8.6	232752.1	-4722.1
9830	2.9	220020.0	-4733.7	9920	7.9	224754.3	-4720.6	10010	9.9	232806.1	-4705.9
9831	9.8	220124.7	-4722.1	9921	9.6	224809.8	-4727.2	10011	9.6	232835.1	-4729.6
9832	9.8	220153.7	-4749.8	9922	9.5	224813.3	-4721.8	10012	9.2	232835.6	-4724.8
9833	9.8	220233.9	-4759.5	9923	9.6	224829.8	-4729.8	10013	8.4	232847.1	-4737.6
9834	8.4	220458.2	-4707.9	9924	9.6	224905.8	-4705.1	10014	9.2	232902.1	-4759.9
9835	9.8	220526.2	-4750.9	9925	9.6	224936.5	-4732.9	10015	8.8	232925.6	-4705.0
9836	7.7	220559.7	-4721.5	9926	9.6	224953.2	-4707.0	10016	8.2	233030.1	-4716.3
9837	9.4	220616.2	-4705.3	9927	8.5	225026.4	-4756.3	10017	9.9	233037.9	-4720.3
9838	9.8	220635.7	-4706.8	9928	9.6	225037.6	-4702.0	10018	9.6	233126.9	-4750.0
9839	9.8	220638.2	-4729.1	9929	8.4	225040.2	-4743.6	10019	9.6	233142.4	-4710.6
9840	8.6	220715.7	-4706.5	9930	9.5	225129.5	-4751.2	10020	9.2	233150.4	-4705.3
9841	8.0	220725.7	-4708.9	9931	7.3	225248.7	-4709.6	10021	9.9	233224.6	-4757.3
9842	8.8	220732.7	-4723.8	9932	8.9	225312.7	-4706.4	10022	8.5	233243.4	-4707.9
9843	9.4	220805.2	-4718.9	9933	9.2	225331.2	-4738.0	10023	6.6	233244.9	-4719.7
9844	9.0	220909.2	-4751.3	9934	8.4	225353.2	-4732.9	10024	8.8	233254.4	-4701.1
9845	9.8	220914.2	-4717.2	9935	8.6	225408.2	-4724.3	10025	9.2	233300.9	-4718.3
9846	9.4	220947.7	-4719.4	9936	9.2	225453.7	-4722.4	10026	9.9	233340.9	-4755.0
9847	7.0	221138.7	-4718.6	9937	7.0	225558.7	-4755.5	10027	9.9	233445.9	-4758.2
9848	9.8	221231.2	-4740.8	9938	9.6	225613.2	-4730.7	10028	9.9	233534.4	-4700.7
9849	9.8	221233.2	-4705.3	9939	9.2	225627.7	-4722.3	10029	9.0	233552.4	-4704.5
9850	9.8	221320.2	-4755.4	9940	9.6	225639.7	-4734.5	10030	9.2	233609.9	-4718.2
9851	8.3	221445.2	-4717.7	9941	9.5	225845.6	-4758.8	10031	6.7	233626.4	-4700.4
9852	8.5	221543.2	-4715.4	9942	9.0	225903.7	-4711.5	10032	9.6	233634.9	-4726.8
9853	6.5	221544.2	-4718.0	9943	9.6	225928.7	-4758.1	10033	9.2	233639.4	-4746.0
9854	9.8	221625.7	-4705.1	9944	9.6	230113.5	-4759.7	10034	9.9	233651.9	-4754.5
9855	9.8	221628.2	-4713.7	9945	9.3	230129.2	-4743.1	10035	9.9	233852.4	-4736.4
9856	9.6	221633.2	-4716.5	9946	9.0	230158.2	-4724.1	10036	9.8	233925.4	-4711.0
9857	9.8	221649.4	-4702.0	9947	9.6	230234.7	-4712.1	10037	9.2	233946.9	-4701.7
9858	9.0	221652.7	-4733.5	9948	8.2	230235.7	-4742.7	10038	9.9	233953.9	-4749.9
9859	9.8	221734.7	-4733.8	9949	9.0	230316.7	-4733.6	10039	9.0	234039.4	-4724.4
9860	8.4	221734.7	-4707.8	9950	9.6	230323.2	-4710.6	10040	9.4	234112.4	-4709.8
9861	8.6	221831.2	-4753.8	9951	9.2	230340.2	-4748.0	10041	7.7	234219.9	-4732.1
9862	9.4	221844.7	-4705.3	9952	9.4	230357.2	-4746.4	10042	9.9	234225.0	-4724.4

10043	9.2	234226.9	-4717.8	10053	9.8	234732.7	-4707.9	10063	9.8	234946.7	-4748.6
10044	8.2	234239.9	-4749.2	10054	10.0	234815.7	-4738.5	10064	8.5	234950.7	-4715.9
10045	9.8	234339.9	-4741.0	10055	10.2	234820.7	-4736.7	10065	9.2	235014.6	-4752.4
10046	9.7	234458.4	-4738.0	10056	9.2	234829.7	-4722.9	10066	10.0	235015.7	-4721.7
10047	9.2	234514.9	-4701.0	10057	10.0	234837.7	-4704.3	10067	9.8	235116.1	-4745.4
10048	9.9	234519.7	-4745.0	10058	9.2	234840.7	-4711.9	10068	10.2	235125.1	-4727.8
10049	9.8	234620.9	-4711.4	10059	9.4	234900.7	-4740.9	10069	10.0	235154.2	-4756.6
10050	8.8	234627.1	-4712.6	10060	9.4	234933.7	-4708.9	10070	10.2	235316.1	-4715.1
10051	10.2	234719.7	-4736.9	10061	9.8	234934.2	-4737.9	10071	9.6	235323.1	-4743.6
10052	9.0	234720.7	-4731.5	10062	10.2	234944.7	-4753.5	10072	9.2	235359.6	-4752.7
10073	10.2	235400.1	-4743.8								
10074	10.2	235434.6	-4724.8								
10075	9.6	235604.6	-4707.0								
10076	9.8	235701.6	-4731.6								
10077	9.4	235759.1	-4745.9								
10078	9.8	235824.6	-4717.2								
10079	10.0	235934.6	-4715.0								
10080	9.8	235937.1	-4732.2								
10081	9.4	235945.1	-4708.0								
1	9.4	00000.8	-4814.5								
2	9.0	00014.3	-4816.8								
3	10.4	00019.8	-4844.6								
4	10.4	00020.8	-4855.5								
5	10.4	00342.8	-4845.1								
6	8.6	00402.3	-4850.4								
7	10.2	00415.8	-4807.6								
8	10.4	00438.8	-4805.3								
9	9.4	00535.0	-4849.5								
10	9.0	00632.5	-4812.5								
11	10.2	00727.0	-4845.0								
12	9.0	00820.0	-4834.5								
13	10.4	00827.0	-4839.5								
14	10.4	00857.5	-4855.3								
15	10.0	00901.0	-4807.0								
16	9.6	01013.0	-4833.7								
17	10.2	01028.0	-4843.5								
18	10.4	01122.0	-4858.0								
19	9.9	01124.5	-4813.4								
20	9.4	01134.0	-4851.3								
21	9.4	01137.5	-4845.4								
22	10.4	01147.5	-4801.7								
23	9.0	01152.0	-4838.3								
24	10.2	01239.0	-4821.3								
25	10.4	01317.0	-4849.4								
26	9.4	01414.8	-4819.1								
27	10.2	01416.2	-4808.3								
28	10.4	01420.0	-4857.7								
29	10.4	01458.5	-4844.3								
30	9.0	01503.2	-4824.4								
31	8.8	01506.2	-4859.3								
32	9.0	01554.7	-4825.6								
33	10.3	01652.0	-4801.4								
34	10.3	01744.0	-4804.6								
35	10.4	01830.0	-4850.0								
36	10.4	01907.8	-4812.8								
37	9.8	02001.3	-4840.0								
38	10.3	02007.8	-4819.1								
39	10.4	02129.3	-4822.0								
40	10.3	02258.3	-4830.0								
41	10.4	02331.3	-4849.5								
42	9.6	02404.3	-4821.0								
43	10.0	02405.8	-4805.5								
44	8.8	02418.3	-4844.7								
45	6.3	02422.8	-4854.3								
46	10.3	02440.3	-4846.4								
47	10.4	02621.3	-4822.2								
48	10.3	02820.3	-4835.0								
49	8.6	02821.3	-4822.6								
50	9.5	02926.8	-4838.0								
51	6.3	02943.3	-4841.3								

-48 52 0h29m

-48 411 3h48m

52	10.3	02951.3	-4827.8	142	9.0	10345.3	-4835.3	232	10.3	15437.1	-4844.3	322	9.5	25625.3	-4842.2
53	10.3	02959.8	-4823.5	143	9.9	10420.3	-4820.4	233	9.6	15522.6	-4830.1	323	9.7	25658.8	-4807.2
54	8.4	03006.3	-4815.8	144	8.9	10538.4	-4813.6	234	9.6	15618.1	-4814.4	324	7.6	25739.8	-4803.2
55	10.0	03010.8	-4840.7	145	9.9	10543.4	-4812.3	235	9.8	15711.2	-4854.4	325	9.4	25904.4	-4810.0
56	10.4	03017.3	-4842.6	146	9.8	10608.9	-4813.5	236	10.1	15733.2	-4819.6	326	9.9	25928.9	-4827.2
57	10.2	03119.3	-4822.5	147	9.4	10702.4	-4858.9	237	10.5	15756.7	-4847.0	327	7.4	25957.4	-4820.7
58	10.2	03149.3	-4849.2	148	10.0	10828.4	-4839.1	238	9.8	15817.7	-4855.9	328	9.2	30024.4	-4820.1
59	10.4	03156.8	-4800.0	149	9.8	10849.9	-4828.2	239	10.5	15901.7	-4814.4	329	9.4	30056.4	-4818.8
60	10.4	03246.3	-4802.1	150	10.2	10906.9	-4855.0	240	10.3	15902.2	-4830.6	330	9.9	30106.9	-4852.8
61	9.0	03257.8	-4849.2	151	9.6	10938.4	-4815.0	241	10.5	15949.7	-4839.7	331	7.8	30431.4	-4829.6
62	9.5	03312.6	-4824.0	152	9.6	11145.4	-4832.5	242	9.8	20050.2	-4855.4	332	9.2	30537.4	-4832.2
63	10.4	03400.1	-4822.7	153	9.8	11312.9	-4853.1	243	10.5	20109.7	-4813.6	333	8.5	30647.4	-4848.4
64	9.5	03413.6	-4829.8	154	10.3	11326.4	-4854.1	244	9.8	20113.2	-4846.3	334	9.6	30701.4	-4815.1
65	8.8	03456.6	-4830.9	155	9.0	11345.7	-4848.8	245	8.8	20153.2	-4824.0	335	9.9	30704.4	-4809.9
66	10.4	03458.1	-4813.4	156	8.0	11409.0	-4857.2	246	8.7	20206.2	-4838.0	336	9.7	30742.4	-4806.4
67	9.4	03519.6	-4833.2	157	9.6	11431.2	-4856.5	247	10.3	20214.2	-4814.2	337	8.1	30902.4	-4815.2
68	9.2	03527.1	-4813.9	158	10.0	11446.0	-4827.1	248	8.8	20222.2	-4823.5	338	9.7	30933.9	-4844.8
69	9.0	03542.6	-4849.4	159	9.2	11521.4	-4817.2	249	10.5	20323.7	-4800.2	339	8.6	31104.6	-4859.1
70	10.4	03553.6	-4820.9	160	8.8	11549.0	-4811.0	250	8.2	20548.2	-4841.1	340	8.9	31220.4	-4815.7
71	9.6	03648.1	-4810.8	161	11.0	11601.2	-4810.6	251	10.1	20555.7	-4812.8	341	8.9	31252.9	-4829.3
72	10.2	03721.3	-4802.7	162	10.8	11657.2	-4837.0	252	10.5	20558.7	-4809.4	342	9.2	31254.4	-4856.3
73	7.8	03729.6	-4840.5	163	8.8	11707.2	-4821.4	253	8.4	20637.7	-4810.8	343	9.8	31303.4	-4851.7
74	9.0	03730.6	-4811.7	164	8.8	12031.0	-4826.0	254	10.5	20710.7	-4840.2	344	6.8	31322.3	-4812.6
75	10.2	03736.1	-4842.4	165	7.8	12039.0	-4832.7	255	9.6	20811.7	-4812.6	345	9.9	31445.9	-4851.9
76	8.4	03746.1	-4834.1	166	11.0	12101.0	-4851.7	256	8.4	20858.2	-4821.9	346	9.9	31503.4	-4832.0
77	10.2	03748.6	-4835.3	167	11.0	12118.0	-4806.3	257	10.4	20903.7	-4801.3	347	9.9	31520.8	-4810.1
78	10.3	03804.1	-4809.2	168	11.0	12200.0	-4801.8	258	9.6	21041.7	-4828.8	348	9.0	31521.4	-4800.3
79	9.3	03810.1	-4858.0	169	10.6	12313.0	-4832.6	259	10.5	21208.5	-4839.9	349	9.2	31615.7	-4847.7
80	10.0	03813.6	-4803.2	170	9.8	12322.0	-4822.6	260	9.2	21217.7	-4807.1	350	8.9	31624.2	-4821.5
81	10.2	03816.1	-4802.1	171	8.6	12408.0	-4835.2	261	10.5	21412.5	-4806.0	351	9.4	31643.2	-4851.0
82	6.4	03953.6	-4814.3	172	10.8	12428.0	-4833.9	262	8.8	21450.5	-4820.9	352	8.8	31722.7	-4812.4
83	7.8	03953.7	-4859.1	173	11.2	12538.0	-4827.6	263	10.1	21505.0	-4833.4	353	6.8	31731.7	-4813.5
84	9.8	04018.6	-4844.7	174	9.8	12548.5	-4849.4	264	9.6	21527.3	-4812.7	354	9.2	31735.9	-4821.0
85	10.4	04019.1	-4832.5	175	9.8	12604.5	-4802.2	265	10.3	21537.0	-4811.5	355	9.7	31904.4	-4820.3
86	10.0	04020.1	-4851.9	176	11.0	12629.8	-4851.1	266	10.5	21607.5	-4853.2	356	9.7	31905.4	-4808.5
87	10.0	04106.6	-4819.3	177	10.6	12809.3	-4834.1	267	10.0	21639.3	-4816.2	357	8.2	31949.9	-4838.6
88	9.6	04109.1	-4839.9	178	10.6	12810.3	-4846.0	268	7.6	21657.6	-4853.1	358	9.4	31952.6	-4801.0
89	9.3	04126.6	-4840.4	179	9.4	12820.3	-4838.2	269	9.4	21719.1	-4831.1	359	8.5	32057.9	-4846.4
90	10.2	04231.6	-4834.5	180	11.2	12829.8	-4830.2	270	9.7	21806.6	-4853.1	360	8.2	32101.4	-4822.4
91	10.4	04310.6	-4832.0	181	9.8	12918.8	-4813.3	271	7.9	21837.1	-4850.5	361	9.6	32109.4	-4835.1
92	9.0	04327.6	-4805.8	182	11.2	12920.8	-4812.2	272	9.6	21840.6	-4840.9	362	9.6	32223.9	-4859.7
93	9.8	04331.1	-4809.9	183	10.8	12926.3	-4823.2	273	10.0	21923.6	-4844.5	363	9.6	32256.9	-4839.9
94	10.4	04344.0	-4851.5	184	10.4	12927.3	-4818.1	274	7.8	21924.4	-4829.0	364	9.7	32308.4	-4837.5
95	10.2	04359.0	-4812.9	185	10.2	13007.8	-4834.2	275	9.8	22022.4	-4839.7	365	9.2	32333.7	-4803.3
96	9.5	04404.2	-4858.3	186	7.6	13159.8	-4855.6	276	10.0	22107.4	-4814.3	366	9.3	32335.2	-4817.7
97	10.0	04419.5	-4803.3	187	10.8	13235.8	-4818.8	277	9.4	22124.4	-4803.6	367	8.5	32337.7	-4814.2
98	10.4	04508.5	-4807.8	188	9.2	13250.8	-4823.1	278	5.2	22224.4	-4815.8	368	9.6	32354.2	-4826.0
99	10.3	04525.5	-4815.1	189	7.0	13307.8	-4834.2	279	9.0	22248.3	-4802.1	369	9.0	32415.2	-4856.3
100	9.2	04544.3	-4829.8	190	10.2	13317.8	-4806.7	280	9.8	22308.4	-4836.7	370	9.0	32424.2	-4832.7
101	10.3	04609.3	-4809.4	191	10.2	13318.3	-4822.3	281	10.0	22334.1	-4858.9	371	9.7	32438.2	-4826.2
102	10.3	04643.3	-4817.2	192	10.6	13339.8	-4818.7	282	10.0	22453.4	-4852.0	372	9.0	32707.9	-4833.8
103	9.2	04658.8	-4836.2	193	9.0	13348.8	-4818.3	283	9.6	22600.9	-4813.8	373	9.4	32947.9	-4812.6
104	10.0	04709.8	-4801.6	194	8.8	13359.7	-4803.0	284	8.9	22605.4	-4829.1	374	9.4	33022.9	-4800.0
105	9.2	04729.8	-4831.3	195	8.6	13436.8	-4838.6	285	9.8	22620.4	-4849.6	375	9.0	33030.9	-4836.1
106	10.3	04749.8	-4844.8	196	10.4	13457.3	-4842.5	286	8.8	22711.4	-4854.3	376	8.6	33103.9	-4850.8
107	9.8	04751.8	-4806.7	197	9.0	13515.8	-4832.7	287	9.9	22751.1	-4837.1	377	8.7	33120.9	-4856.7
108	9.2	04806.2	-4858.4	198	10.0	13524.3	-4821.5	288	10.0	22855.9	-4803.8	378	8.8	33127.9	-4831.8
109	7.5	04931.3	-4804.7	199	9.4	13624.3	-4848.8	289	7.5	22913.9	-4856.4	379	8.9	33144.4	-4824.3
110	9.2	05038.8	-4824.0	200	10.6	13628.8	-4814.5	290	10.0	22927.1	-4812.2	380	9.2	33146.9	-4849.7
111	10.3	05054.7	-4801.0	201	9.4	13647.8	-4826.7	291	9.4	22957.6	-4823.9	381	9.7	33301.4	-4810.3
112	8.6	05153.3	-4814.4	202	10.6	13749.3	-4858.4	292	9.3	23033.1	-4817.5	382	9.2	33327.4	-4802.8
113	9.4	05204.3	-4807.0	203	10.6	13801.8	-4856.6	293	9.6	23044.6	-4850.2	383	8.8	33333.4	-4845.9
114	10.2	05230.8	-4828.1	204	10.2	13820.8	-4850.7	294	9.3	23119.1	-4813.2	384	9.6	33339.4	-4841.6
115	10.2	05233.8	-4812.8	205	11.0	13845.8	-4822.6	295	8.4	23132.1	-4858.1	385	9.2	33341.6	-4857.8
116	10.3	05242.3	-4857.6	206	10.2	13922.8	-4849.1	296	10.0	23134.8	-4844.1	386	9.4	33358.4	-4805.6
117	10.3	05252.8	-4809.8	207	11.0	14050.4	-4807.8	297	9.8	23212.6	-4835.6	387	9.4	33423.4	-4850.3
118	10.3	05310.8	-4844.9	208	8.8	14219.9	-4851.0	298	10.0	23238.1	-4827.8	388	9.6	33544.9	-4830.3
119	8.8	05320.8	-4828.7	209	10.2	14231.9	-4835.4	299	9.9	23357.1	-4849.1	389	9.3	33636.5	-4819.3
120	10.3	05450.3	-4846.5	210	9.2	14246.9	-4859.4	300	9.4	23534.6	-4853.3	390	6.9	33753.5	-4810.3
121	10.0	05453.8	-4808.5	211	10.0	14329.4	-4847.0	301	10.0	23545.6	-4833.8	391	7.6	33759.0	-4838.2
122	10.3	05539.3	-4831.2	212	10.2	14343.3	-4829.5	302	9.2	23608.6	-4854.4	392	9.6	33931.0	-4843.6
123	10.2	05624.8	-4804.8	213	10.8	14434.6	-4803.5	303	9.7	23644.2	-4800.4	393	9.3	34006.0	-4832.9
124	9.2	05627.3	-4803.9	214	10.2	14449.9	-4828.5	304	9.1	23728.6	-4804.6	394	7.3	34101.0	-4827.0
125	8.7	05653.8	-4852.5	215	10.2	14454.3	-4818.0	305	10.0	23814.8	-4842.5	395	7.9	34228.0	-4816.9
126	10.2	05702.3	-4828.9	216	8.7	14511.6	-4855.5	306	10.0	24229.8	-4852.5	396	9.4	34248.4	-4857.1
127	10.2	05838.3	-4813.0	217	6.4	14519.4	-4826.3	307	10.0	24252.6	-4820.1	397	9.7	34330.4	-4800.9
128	9.4	05839.3	-4852.8	218	9.2	14546.3	-4807.0	308	8.4	24330.8	-4826.0	398	9.7	34413.4	-4809.2
129	8.0	05848.8	-4836.7	219	10.5	14622.4	-4850.9	309	8.4	24339.6	-4838.6	399	8.5	34435.2	-4800.5
130	9.4	05906.8	-4830.9	220	7.8	14715.4	-4807.7	310	9.8	24559.6	-4828.0	400	9.8	34452.1	-4805.1
131	10.3	05950.8	-4816.3	221	8.6	14738.9	-4817.8	311	8.4	24607.5	-4837.3	401	8.6	34526.0	-4840.2
132	10.2	10012.8	-4817.1	222	9.0	14817.9	-4844.8	312	8.5	24651.8	-4828.7	402	9.6	34538.6	-4826.9
133	7.8	10050.3	-4815.7	223	9.6	14906.1	-4823.6	313	9.9	24723.5	-4839.5	403	9.6	34557.1	-4809.3
134	9.0	10112.8	-4844.8	224	9.0	15056.6	-4826.3	314	9.7	24739.8	-4855.5	404	9.9	34602.6	-4854.7
135	10.3	10132.8	-4838.5	225	9.1	15112.1	-4851.0	315	8.2	24834.3	-4839.8	405	7.7	34715.6	-4854.3
136	10.2	10223.8	-4853.0	226	10.4	15213.6	-4849.8	316	8.9	25127.8	-4809.3	406	9.1	34721.1	-4858.4
137	8.6	10228.8	-4813.5	227	10.0	15232.6	-4838.2	317	9.7	25227.3	-4807.5	407	9.9	34742.9	-4800.0
138	10.2	10258.8	-4820.7	228	10.5	15255.1	-4858.3	318	9.7	25236.3	-4826.9	408	8.8	34745.6	-4828.9
139	10.2	10302.8	-4842.9	229	9.5	15332.1	-4822.4	319	9.6	25454.8	-4851.6	409	9.2	34748.6	-4854.8
140	10.2	10307.8	-4808.2	230	9.8	15400.6	-4805.0	320	9.7	25517.3	-4844.2	410	9.0	34823.6	-4847.4
141	10.3	10316.3	-4816.7	231	10.4	15400.6	-4837.9	321	9.9	25532.8	-4827.7	411	9.9	34840.6	-4834.5

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412	9.3	34906.6	-4814.8	502	9.3	42846.6	-4803.3	592	10.4	50213.3	-4835.4	682	10.1	53141.2	-4832.1
413	9.9	34943.6	-4813.2	503	9.9	42950.7	-4807.9	593	10.4	50225.3	-4837.3	683	8.8	53231.2	-4826.4
414	9.9	35019.6	-4826.6	504	9.8	42955.6	-4831.6	594	8.8	50236.8	-4850.7	684	7.4	53318.9	-4821.6
415	9.3	35131.6	-4809.2	505	9.0	43012.6	-4820.6	595	10.4	50317.0	-4826.3	685	10.1	53318.9	-4805.0
416	9.6	35147.3	-4801.8	506	9.0	43047.6	-4842.0	596	10.4	50318.3	-4811.2	686	10.0	53320.9	-4807.4
417	9.0	35208.6	-4822.1	507	9.9	43053.7	-4813.9	597	10.2	50331.3	-4855.1	687	8.1	53336.9	-4802.4
418	7.7	35220.6	-4808.0	508	9.9	43110.6	-4801.0	598	9.2	50356.3	-4852.6	688	9.4	53349.4	-4836.3
419	7.5	35309.1	-4850.3	509	9.9	43132.6	-4849.4	599	10.0	50358.0	-4816.7	689	10.2	53419.9	-4854.0
420	9.2	35322.6	-4805.3	510	9.7	43142.6	-4811.3	600	9.5	50409.5	-4814.2	690	10.2	53436.9	-4801.0
421	9.7	35356.6	-4850.4	511	9.0	43203.9	-4859.4	601	10.4	50422.5	-4815.1	691	9.7	53455.9	-4804.8
422	8.2	35432.1	-4831.6	512	9.8	43256.6	-4825.3	602	10.4	50545.0	-4846.3	692	10.2	53526.9	-4859.4
423	9.9	35437.6	-4843.5	513	9.4	43305.8	-4839.2	603	10.4	50618.5	-4830.3	693	10.1	53531.4	-4825.3
424	9.6	35441.1	-4821.9	514	9.9	43311.8	-4809.3	604	10.4	50630.6	-4800.7	694	10.2	53540.9	-4858.4
425	9.7	35642.1	-4826.4	515	9.4	43358.3	-4824.7	605	10.0	50706.0	-4806.5	695	8.8	53542.9	-4817.4
426	9.8	35725.6	-4818.2	516	8.8	43416.3	-4832.6	606	10.4	50712.5	-4858.3	696	9.0	53610.9	-4838.8
427	9.0	35734.6	-4811.2	517	8.8	43444.3	-4849.5	607	7.3	50722.5	-4836.5	697	9.9	53645.6	-4859.8
428	9.6	35750.1	-4842.7	518	9.8	43521.8	-4851.5	608	10.0	50730.0	-4825.1	698	7.3	53815.9	-4818.7
429	9.2	35750.6	-4847.0	519	8.8	43535.8	-4812.4	609	9.1	50737.2	-4839.6	699	9.2	53826.4	-4806.2
430	9.9	35813.1	-4836.6	520	9.9	43537.3	-4850.5	610	10.4	50741.0	-4833.1	700	9.2	53826.9	-4832.4
431	9.9	35818.5	-4807.9	521	9.9	43541.0	-4800.2	611	9.4	50802.1	-4833.1	701	10.1	53835.9	-4800.2
432	9.4	35916.6	-4817.2	522	9.9	43637.8	-4852.5	612	9.5	50811.6	-4846.4	702	10.1	53850.4	-4844.4
433	7.9	35919.6	-4842.8	523	9.9	43658.3	-4839.0	613	9.5	50821.4	-4802.5	703	10.2	53921.7	-4806.0
434	8.7	35945.1	-4805.8	524	7.6	43708.3	-4846.8	614	10.2	50848.6	-4842.9	704	9.4	53923.7	-4848.4
435	9.4	35951.1	-4830.2	525	9.7	43739.8	-4820.5	615	9.4	50930.1	-4840.3	705	9.7	54017.7	-4822.8
436	6.8	35957.1	-4812.4	526	9.6	43741.8	-4811.1	616	10.2	50938.6	-4850.5	706	9.6	54040.2	-4849.1
437	8.7	40002.1	-4805.2	527	8.6	43811.3	-4823.7	617	9.2	51005.6	-4838.3	707	9.8	54043.2	-4804.0
438	8.7	40055.4	-4800.5	528	9.0	43811.8	-4843.6	618	7.9	51006.2	-4801.4	708	10.1	54059.7	-4848.0
439	9.9	40102.6	-4817.0	529	9.9	43820.3	-4808.2	619	9.0	51030.1	-4825.5	709	9.6	54141.7	-4855.4
440	8.8	40113.6	-4806.0	530	7.5	43822.3	-4803.8	620	10.0	51032.1	-4826.1	710	10.1	54143.7	-4815.0
441	9.8	40121.6	-4806.2	531	9.4	43912.0	-4836.6	621	9.6	51202.1	-4814.5	711	9.4	54153.7	-4824.4
442	8.4	40132.1	-4810.2	532	9.7	43954.5	-4859.9	622	10.4	51209.1	-4801.0	712	10.1	54218.7	-4828.0
443	9.7	40212.6	-4836.2	533	9.0	44006.5	-4830.5	623	7.7	51237.7	-4849.6	713	9.7	54229.7	-4839.0
444	8.6	40321.1	-4855.6	534	8.2	44009.5	-4832.3	624	10.0	51256.7	-4805.4	714	9.6	54241.2	-4812.2
445	9.9	40357.6	-4834.0	535	7.3	44023.0	-4834.1	625	7.4	51330.7	-4846.5	715	9.6	54241.6	-4830.3
446	9.7	40412.1	-4851.6	536	9.9	44202.5	-4844.9	626	8.2	51333.7	-4819.6	716	8.8	54306.6	-4801.3
447	7.9	40432.6	-4840.6	537	9.0	44218.5	-4840.6	627	10.4	51338.7	-4824.0	717	10.2	54321.6	-4807.6
448	8.8	40442.1	-4832.4	538	8.8	44227.7	-4815.6	628	10.2	51342.7	-4838.4	718	7.7	54333.0	-4826.4
449	9.2	40509.4	-4803.0	539	9.7	44240.2	-4820.1	629	10.2	51349.7	-4850.4	719	9.4	54333.8	-4817.2
450	8.0	40529.6	-4848.3	540	9.9	44245.2	-4821.9	630	10.2	51353.2	-4806.3	720	10.1	54402.6	-4833.5
451	9.9	40532.6	-4831.3	541	8.8	44301.7	-4830.1	631	10.0	51407.2	-4848.6	721	8.2	54410.6	-4810.8
452	9.7	40542.6	-4812.3	542	9.8	44408.7	-4828.2	632	10.0	51449.0	-4833.8	722	9.2	54410.8	-4820.8
453	9.9	40606.1	-4822.1	543	9.8	44419.7	-4800.4	633	10.0	51501.8	-4859.8	723	7.8	54411.8	-4847.6
454	9.4	40639.1	-4849.6	544	9.8	44420.2	-4812.7	634	9.0	51508.8	-4831.5	724	8.2	54434.3	-4831.8
455	9.6	40645.6	-4815.6	545	10.4	44423.9	-4808.8	635	10.2	51608.3	-4821.4	725	9.4	54447.6	-4819.1
456	9.8	40659.6	-4800.8	546	9.6	44506.3	-4851.2	636	10.2	51610.8	-4818.0	726	9.6	54450.1	-4814.9
457	9.9	40722.5	-4833.8	547	9.4	44543.2	-4837.4	637	10.2	51624.3	-4813.4	727	7.3	54500.8	-4857.7
458	8.4	40807.1	-4817.9	548	9.1	44608.7	-4840.8	638	10.2	51636.3	-4857.9	728	10.0	54505.5	-4858.3
459	9.3	40857.6	-4827.8	549	8.2	44622.7	-4831.6	639	9.8	51649.3	-4833.0	729	9.2	54520.3	-4817.1
460	9.9	40902.6	-4859.5	550	10.2	44632.2	-4830.0	640	10.2	51700.8	-4839.0	730	9.5	54522.0	-4839.2
461	9.6	40912.6	-4856.1	551	9.4	44633.4	-4858.0	641	9.2	51706.3	-4809.2	731	10.0	54526.5	-4805.8
462	9.6	40932.1	-4805.2	552	9.4	44645.7	-4813.7	642	10.1	51717.3	-4850.7	732	9.4	54632.1	-4833.9
463	8.6	40941.1	-4835.4	553	10.4	44724.2	-4827.6	643	9.7	51814.0	-4839.4	733	10.0	54650.6	-4808.9
464	9.6	41005.1	-4851.1	554	10.2	44740.7	-4822.4	644	9.6	51841.5	-4841.3	734	9.6	54718.6	-4806.0
465	9.1	41007.1	-4823.9	555	8.6	44744.2	-4816.4	645	9.4	51947.5	-4809.9	735	10.0	54728.6	-4813.7
466	9.3	41012.1	-4825.4	556	9.5	44912.2	-4850.2	646	9.8	52010.5	-4820.0	736	8.8	54846.6	-4844.8
467	9.1	41020.6	-4819.3	557	10.4	44944.2	-4857.2	647	9.2	52142.0	-4805.1	737	9.0	54903.6	-4807.2
468	9.9	41029.6	-4829.8	558	9.8	45014.2	-4814.7	648	9.8	52237.5	-4845.8	738	10.0	54917.0	-4838.3
469	9.9	41057.1	-4835.8	559	10.4	45028.7	-4855.3	649	9.8	52238.0	-4844.9	739	9.2	54917.1	-4831.8
470	9.8	41106.6	-4843.1	560	10.0	45101.7	-4848.2	650	9.2	52321.0	-4808.2	740	10.0	54922.0	-4813.9
471	9.3	41128.1	-4832.4	561	10.4	45103.7	-4859.0	651	10.2	52329.0	-4838.2	741	10.0	54923.0	-4832.1
472	9.0	41156.1	-4831.1	562	10.4	45152.7	-4802.6	652	10.2	52338.5	-4830.1	742	8.1	54939.5	-4824.2
473	8.7	41222.6	-4837.8	563	9.2	45239.2	-4812.4	653	10.2	52341.5	-4856.1	743	10.0	55001.5	-4833.1
474	9.7	41315.5	-4830.0	564	8.8	45322.7	-4837.6	654	9.2	52422.0	-4852.9	744	10.0	55020.5	-4817.5
475	7.5	41319.0	-4849.5	565	10.2	45328.7	-4852.4	655	9.2	52425.0	-4845.1	745	9.0	55029.0	-4807.9
476	9.7	41323.3	-4818.8	566	10.4	45417.9	-4850.3	656	10.3	52426.0	-4823.7	746	9.7	55032.0	-4848.1
477	9.3	41403.2	-4818.6	567	9.4	45445.9	-4857.6	657	8.3	52439.5	-4848.5	747	9.4	55038.0	-4831.4
478	7.8	41425.3	-4842.1	568	9.6	45446.9	-4823.7	658	9.9	52502.5	-4826.3	748	10.0	55051.5	-4810.5
479	9.7	41502.0	-4826.6	569	10.4	45506.9	-4822.4	659	10.2	52524.2	-4801.9	749	10.0	55108.2	-4825.1
480	8.4	41506.0	-4853.7	570	10.0	45543.4	-4846.1	660	9.4	52543.2	-4827.6	750	10.0	55127.5	-4829.6
481	9.9	41537.7	-4809.0	571	10.4	45608.2	-4812.9	661	9.2	52621.2	-4811.5	751	9.8	55133.0	-4810.3
482	9.9	41545.0	-4815.3	572	10.4	45612.2	-4856.7	662	10.2	52630.7	-4849.0	752	10.0	55216.0	-4828.9
483	9.9	41648.5	-4844.1	573	9.4	45612.7	-4838.0	663	10.2	52633.0	-4801.3	753	9.4	55220.0	-4843.8
484	9.9	41719.0	-4813.6	574	10.4	45628.7	-4854.4	664	10.0	52638.7	-4857.6	754	9.2	55231.2	-4857.8
485	8.6	41750.0	-4847.3	575	8.8	45656.7	-4835.1	665	10.2	52658.2	-4852.7	755	9.4	55321.5	-4818.5
486	9.4	41822.5	-4850.5	576	8.6	45708.7	-4848.0	666	9.6	52723.2	-4820.6	756	10.0	55358.5	-4844.0
487	9.4	41851.3	-4817.0	577	8.3	45739.7	-4823.5	667	10.2	52739.2	-4850.7	757	8.8	55427.5	-4816.1
488	9.1	41908.0	-4811.5	578	10.4	45756.2	-4843.3	668	9.0	52808.7	-4854.2	758	9.8	55519.5	-4837.7
489	9.9	41940.5	-4817.1	579	10.4	45810.7	-4822.5	669	10.0	52[illegible]9.2	-4849.7	759	9.7	55627.5	-4846.7
490	9.7	42044.5	-4834.4	580	10.4	45821.7	-4830.6	670	9.2	52855.2	-4812.3	760	10.0	55530.5	-4857.9
491	8.8	42052.0	-4826.2	581	9.9	45843.4	-4801.9	671	8.8	52903.2	-4816.8	761	8.7	55633.0	-4814.8
492	8.4	42158.5	-4809.2	582	9.4	45843.5	-4823.3	672	8.4	52904.4	-4802.8	762	10.0	55655.0	-4839.9
493	9.9	42348.5	-4847.9	583	9.4	45902.5	-4844.4	673	8.8	52927.2	-4835.7	763	8.8	55704.0	-4826.2
494	8.5	42355.0	-4847.6	584	10.4	50039.0	-4801.0	674	10.2	52939.7	-4808.4	764	8.4	55721.5	-4804.1
495	9.1	42515.0	-4841.6	585	10.4	50114.8	-4831.9	675	9.4	52948.2	-4850.7	765	8.6	55741.0	-4859.0
496	9.1	42610.5	-4838.7	586	9.8	50115.0	-4845.5	676	8.9	52949.2	-4853.1	766	10.0	55812.5	-4819.9
497	7.8	42641.5	-4815.0	587	10.2	50121.3	-4804.2	677	10.2	52957.7	-4855.0	767	8.8	55842.5	-4856.1
498	9.9	42713.7	-4820.3	588	9.8	50124.8	-4839.5	678	9.0	52958.2	-4801.2	768	10.0	55903.5	-4815.4
499	9.4	42826.0	-4818.0	589	9.8	50126.8	-4813.9	679	10.2	53000.2	-4813.5	769	10.0	55916.5	-4851.7
500	9.8	42827.0	-4847.0	590	10.4	50149.8	-4846.9	680	10.0	53019.2	-4845.3	770	9.2	55942.5	-4818.5
501	9.3	42839.0	-4832.7	591	9.6	50204.8	-4803.3	681	10.2	53040.2	-4840.6	771	9.8	55943.5	-4810.5

-48 771 5h59m

-48 772 5h59m

-48 1131 7h16m

772	9.4	55958.3	-4833.1	862	10.2	62449.0	-4821.9	952	9.6	64344.4	-4823.7	1042	10.0	70202.1	-4841.4
773	9.6	60019.8	-4821.5	863	9.6	62532.0	-4826.7	953	10.2	64357.4	-4806.3	1043	8.8	70214.1	-4838.7
774	9.8	60021.8	-4846.3	864	10.2	62550.0	-4852.3	954	7.1	64403.4	-4825.6	1044	9.4	70220.6	-4838.7
775	9.2	60100.3	-4800.7	865	9.6	62602.0	-4856.6	955	10.2	64405.9	-4826.3	1045	10.2	70220.8	-4829.9
776	10.0	60105.8	-4850.9	866	10.2	62631.0	-4827.9	956	7.1	64436.7	-4855.2	1046	10.2	70238.8	-4829.9
777	7.4	60132.3	-4826.8	867	9.5	62709.0	-4850.1	957	10.2	64441.2	-4803.6	1047	8.8	70254.8	-4826.1
778	9.5	60148.3	-4830.2	868	8.5	62714.5	-4809.5	958	9.0	64452.2	-4805.4	1048	8.8	70256.3	-4820.7
779	10.0	60153.8	-4809.8	869	9.4	62741.0	-4805.0	959	10.2	64504.0	-4820.6	1049	10.0	70257.3	-4842.4
780	10.0	60258.8	-4826.9	870	10.0	62831.0	-4813.1	960	10.1	64511.9	-4819.0	1050	10.2	70302.8	-4845.6
781	9.6	60316.3	-4827.4	871	9.0	62852.5	-4834.5	961	10.2	64518.5	-4822.1	1051	8.6	70308.8	-4803.3
782	8.4	60337.3	-4840.4	872	9.5	62907.0	-4821.3	962	8.9	64523.9	-4825.5	1052	10.2	70357.3	-4830.8
783	9.4	60340.8	-4829.6	873	8.2	62918.9	-4802.8	963	10.0	64530.7	-4852.6	1053	9.4	70419.8	-4840.1
784	9.6	60359.3	-4804.3	874	9.6	62921.9	-4811.5	964	10.2	64538.6	-4820.8	1054	9.4	70426.4	-4857.8
785	9.6	60413.3	-4806.3	875	9.8	62933.4	-4819.8	965	9.6	64542.5	-4849.9	1055	8.8	70431.3	-4831.6
786	10.0	60430.3	-4838.8	876	7.4	62940.4	-4826.7	966	9.6	64553.0	-4821.7	1056	8.8	70434.8	-4843.1
787	10.0	60439.5	-4858.8	877	10.2	62948.9	-4826.7	967	10.2	64602.5	-4848.5	1057	9.2	70448.3	-4855.2
788	9.8	60507.8	-4851.1	878	10.2	63000.4	-4848.9	968	8.8	64628.0	-4803.4	1058	10.2	70457.8	-4820.5
789	10.0	60525.8	-4848.0	879	8.5	63039.4	-4803.2	969	10.0	64638.5	-4831.9	1059	10.2	70506.8	-4821.3
790	9.8	60540.3	-4853.5	880	9.2	63046.9	-4817.6	970	9.4	64649.7	-4857.4	1060	9.2	70514.8	-4818.4
791	9.7	60605.8	-4810.9	881	10.2	63049.4	-4836.3	971	10.0	64650.0	-4843.1	1061	10.0	70516.8	-4844.6
792	9.8	60618.8	-4852.9	882	8.6	63100.9	-4827.4	972	7.8	64653.5	-4844.0	1062	9.8	70521.4	-4857.6
793	10.0	60631.3	-4845.0	883	9.5	63104.7	-4800.0	973	9.8	64703.0	-4818.6	1063	10.2	70532.8	-4819.0
794	9.3	60641.8	-4841.0	884	8.5	63113.9	-4810.9	974	10.2	64733.3	-4828.2	1064	10.2	70537.8	-4844.8
795	9.3	60648.3	-4819.0	885	9.5	63154.0	-4802.1	975	10.0	64751.3	-4833.6	1065	10.2	70542.3	-4827.7
796	7.9	60715.8	-4855.9	886	8.6	63202.9	-4806.2	976	10.2	64803.3	-4837.8	1066	9.2	70602.8	-4824.8
797	10.0	60717.3	-4805.0	887	8.6	63209.9	-4822.1	977	7.4	64810.3	-4808.6	1067	10.2	70627.3	-4826.5
798	9.6	60743.3	-4819.0	888	7.4	63232.9	-4810.6	978	10.0	64815.3	-4814.8	1068	8.4	70706.3	-4816.2
799	10.0	60744.8	-4825.8	889	9.2	63238.4	-4836.8	979	10.2	64822.3	-4858.6	1069	10.2	70709.8	-4859.7
800	9.5	60759.3	-4804.2	890	10.2	63242.9	-4843.7	980	8.6	64825.3	-4850.6	1070	7.0	70726.8	-4843.8
801	9.7	60835.3	-4850.4	891	9.8	63246.4	-4846.0	981	10.0	64832.3	-4832.8	1071	10.2	70748.8	-4810.9
802	8.5	60848.8	-4835.4	892	10.2	63310.1	-4802.0	982	10.2	64839.3	-4825.8	1072	10.2	70749.8	-4822.2
803	9.5	60927.3	-4817.5	893	9.8	63319.9	-4818.0	983	10.2	64853.8	-4844.2	1073	10.0	70751.5	-4847.1
804	10.0	60958.3	-4847.6	894	10.1	63319.9	-4834.5	984	10.0	64911.8	-4806.8	1074	8.9	70752.5	-4855.1
805	9.7	61006.6	-4844.2	895	9.6	63337.9	-4839.0	985	10.2	64929.3	-4853.8	1075	10.2	70811.0	-4819.0
806	9.4	61021.6	-4826.2	896	10.1	63340.9	-4812.5	986	10.2	64930.3	-4801.7	1076	10.2	70829.2	-4859.8
807	10.0	61027.1	-4833.4	897	10.0	63350.9	-4818.2	987	9.6	64932.3	-4812.6	1077	10.2	70839.0	-4846.1
808	10.0	61123.1	-4812.1	898	9.2	63410.4	-4858.6	988	10.0	64952.3	-4806.4	1078	9.2	70844.0	-4808.3
809	8.4	61126.1	-4845.2	899	10.2	63412.4	-4819.7	989	10.0	64954.8	-4813.8	1079	7.9	70856.1	-4858.5
810	9.8	61131.6	-4804.5	900	9.8	63417.9	-4843.3	990	10.2	64955.8	-4830.6	1080	10.0	70907.7	-4801.4
811	7.9	61132.6	-4822.2	901	9.0	63425.4	-4821.9	991	10.2	65000.3	-4844.9	1081	9.8	70910.5	-4818.2
812	9.2	61156.6	-4834.6	902	10.2	63428.0	-4827.7	992	10.0	65034.3	-4833.4	1082	9.6	70911.5	-4807.1
813	9.7	61159.6	-4826.8	903	10.0	63436.9	-4800.2	993	9.8	65035.8	-4856.0	1083	10.2	70911.5	-4857.8
814	9.3	61245.1	-4832.4	904	8.6	63445.9	-4800.7	994	9.4	65047.3	-4803.6	1084	10.2	70912.0	-4835.7
815	10.0	61256.2	-4812.0	905	10.2	63451.4	-4935.3	995	9.2	65101.3	-4852.8	1085	10.2	70922.4	-4844.8
816	9.5	61309.1	-4835.0	906	10.2	63500.4	-4803.5	996	9.0	65117.8	-4832.4	1086	8.0	70940.5	-4834.3
817	10.0	61311.1	-4801.7	907	6.2	63517.9	-4806.5	997	10.2	65137.8	-4840.9	1087	10.2	70946.5	-4841.2
818	9.5	61325.8	-4855.4	908	9.8	63526.4	-4833.4	998	10.2	65241.8	-4846.9	1088	10.2	71001.0	-4852.6
819	9.8	61338.3	-4824.9	909	7.4	63527.4	-4836.3	999	6.6	65256.8	-4833.4	1089	9.8	71001.5	-4829.8
820	9.8	61339.8	-4817.7	910	9.6	63527.9	-4807.2	1000	9.8	65258.3	-4849.3	1090	9.4	71005.5	-4803.2
821	9.8	61346.8	-4810.7	911	8.0	63643.4	-4825.6	1001	9.4	65301.2	-4801.6	1091	10.2	71028.0	-4853.7
822	9.6	61347.3	-4808.2	912	10.0	63717.9	-4843.0	1002	8.2	65354.8	-4839.6	1092	9.4	71029.5	-4848.9
823	9.4	61417.0	-4844.3	913	9.4	63721.4	-4829.0	1003	10.2	65413.8	-4833.2	1093	7.5	71031.0	-4805.1
824	8.6	61501.3	-4838.9	914	10.0	63731.4	-4848.8	1004	9.4	65419.8	-4813.0	1094	10.0	71044.0	-4820.8
825	10.0	61515.7	-4801.5	915	9.2	63746.4	-4821.5	1005	7.2	65440.1	-4858.7	1095	10.2	71101.9	-4802.8
826	9.2	61516.1	-4820.1	916	10.1	63748.0	-4837.9	1006	8.8	65443.3	-4805.8	1096	5.1	71111.6	-4803.2
827	9.6	61523.5	-4841.4	917	10.1	63748.5	-4851.6	1007	9.4	65454.8	-4829.8	1097	10.0	71113.0	-4819.5
828	10.2	61551.8	-4855.4	918	9.4	63753.5	-4844.8	1008	9.2	65501.3	-4819.0	1098	10.2	71117.0	-4804.9
829	7.5	61602.1	-4821.3	919	10.2	63802.0	-4844.6	1009	10.2	65513.1	-4848.5	1099	10.4	71123.3	-4800.7
830	10.2	61631.3	-4832.2	920	9.6	63805.5	-4806.4	1010	10.2	65523.1	-4853.0	1100	9.6	71128.5	-4845.0
831	9.0	61638.0	-4803.2	921	9.4	63809.5	-4819.9	1011	10.0	65603.1	-4825.3	1101	7.7	71203.4	-4801.0
832	8.2	61639.0	-4809.1	922	9.6	63810.5	-4820.4	1012	10.2	65640.1	-4822.8	1102	10.2	71205.0	-4854.6
833	6.9	61649.0	-4840.6	923	10.0	63818.1	-4857.6	1013	9.6	65647.6	-4829.4	1103	10.0	71213.1	-4859.8
834	9.8	61656.5	-4859.0	924	8.8	63846.5	-4827.4	1014	9.6	65651.1	-4815.9	1104	9.6	71214.0	-4814.9
835	9.0	61750.5	-4819.1	925	9.2	63849.5	-4807.6	1015	10.2	65653.6	-4832.8	1105	8.8	71250.5	-4804.3
836	10.2	61803.6	-4802.4	926	8.9	63944.0	-4823.1	1016	9.8	65655.6	-4838.8	1106	8.3	71257.0	-4806.4
837	9.6	61814.8	-4800.8	927	8.6	63953.0	-4844.4	1017	10.0	65703.8	-4800.9	1107	10.0	71257.5	-4849.8
838	9.6	61827.0	-4839.8	928	8.2	63953.5	-4805.9	1018	9.2	65705.6	-4833.2	1108	9.2	71338.5	-4839.7
839	9.0	61922.0	-4342.6	929	10.0	63958.5	-4833.0	1019	7.2	65706.1	-4857.6	1109	10.2	71359.9	-4802.7
840	9.6	61934.5	-4849.4	930	8.1	64001.0	-4819.4	1020	9.0	65709.1	-4859.0	1110	9.8	71402.0	-4853.2
841	9.2	61937.0	-4813.4	931	9.8	64009.5	-4830.4	1021	9.4	65711.6	-4853.1	1111	10.2	71403.7	-4802.1
842	8.6	61944.5	-4843.8	932	10.2	64025.5	-4851.4	1022	10.2	65741.1	-4800.2	1112	10.2	71404.5	-4814.6
843	10.0	61952.0	-4847.8	933	8.8	64029.5	-4833.5	1023	9.6	65752.1	-4820.2	1113	10.0	71404.8	-4845.2
844	10.1	61952.3	-4800.4	934	10.0	64037.5	-4833.5	1024	10.0	65808.8	-4800.4	1114	9.6	71405.8	-4808.5
845	8.0	61958.5	-4830.3	935	10.1	64048.0	-4839.4	1025	10.2	65813.6	-4847.8	1115	9.4	71417.7	-4815.5
846	10.1	62003.8	-4802.1	936	10.2	64109.5	-4812.6	1026	10.0	65813.6	-4857.0	1116	9.8	71420.2	-4854.8
847	10.2	62013.0	-4846.8	937	8.6	64137.5	-4834.7	1027	10.2	65820.1	-4839.2	1117	10.2	71420.2	-4808.9
848	9.0	62013.5	-4847.7	938	10.1	64140.5	-4806.5	1028	10.2	65825.1	-4854.7	1118	10.2	71433.2	-4834.4
849	10.2	62039.0	-4857.1	939	9.8	64144.5	-4846.3	1029	10.2	65828.1	-4856.2	1119	10.2	71434.9	-4831.0
850	10.0	62116.5	-4851.9	940	9.4	64155.5	-4840.3	1030	8.8	65828.6	-4838.3	1120	9.0	71448.6	-4822.0
851	10.1	62143.0	-4836.8	941	10.2	64203.0	-4826.9	1031	8.0	65851.1	-4848.7	1121	9.0	71448.6	-4850.7
852	9.2	62146.0	-4806.0	942	10.2	64209.6	-4842.9	1032	9.0	65939.1	-4841.1	1122	10.2	71455.7	-4825.2
853	9.0	62150.5	-4837.1	943	9.6	64210.5	-4813.9	1033	9.8	65940.1	-4805.3	1123	9.8	71509.2	-4817.3
854	10.1	62200.0	-4818.0	944	10.0	64240.9	-4834.2	1034	8.9	65946.1	-4858.3	1124	10.2	71518.7	-4858.5
855	10.1	62208.5	-4839.4	945	9.2	64255.4	-4812.3	1035	9.8	70017.1	-4803.3	1125	9.8	71527.4	-4800.2
856	5.9	62225.5	-4806.3	946	10.0	64310.0	-4800.0	1036	9.8	70025.1	-4824.1	1126	8.6	71530.9	-4854.0
857	10.0	62225.5	-4847.1	947	9.2	64315.9	-4832.9	1037	9.8	70052.1	-4811.1	1127	9.6	71551.1	-4801.9
858	10.2	62237.0	-4847.9	948	10.2	64317.4	-4814.2	1038	9.2	70150.1	-4853.0	1128	9.4	71555.5	-4832.8
859	10.0	62321.0	-4835.5	949	9.0	64333.4	-4848.4	1039	9.8	70151.3	-4801.4	1129	9.4	71556.0	-4831.7
860	8.9	62354.0	-4814.8	950	10.2	64333.4	-4815.9	1040	10.2	70201.1	-4814.0	1130	9.8	71610.0	-4806.2
861	10.2	62417.0	-4807.3	951	9.8	64341.4	-4826.8	1041	10.2	70202.1	-4836.5	1131	9.2	71621.0	-4853.6

-48 1132 7h16m

1132 9.0	71629.0 -4857.5	1222 9.8	73218.3 -4812.3
1133 9.8	71634.0 -4819.8	1223 10.0	73219.3 -4817.3
1134 8.8	71703.5 -4843.2	1224 9.6	73219.3 -4827.6
1135 10.0	71709.4 -4850.0	1225 8.8	73241.8 -4834.1
1136 10.0	71722.9 -4853.0	1226 10.0	73252.2 -4802.0
1137 7.6	71724.9 -4816.7	1227 10.0	73259.3 -4813.4
1138 9.4	71733.9 -4817.5	1228 6.0	73313.8 -4832.9
1139 10.0	71745.9 -4843.3	1229 10.0	73328.8 -4817.0
1140 7.2	71755.4 -4817.4	1230 10.0	73346.8 -4859.9
1141 7.8	71756.9 -4817.7	1231 10.0	73402.8 -4847.4
1142 9.6	71811.9 -4829.4	1232 9.8	73415.8 -4825.9
1143 9.6	71817.9 -4814.2	1233 9.4	73417.8 -4838.0
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1149 10.0	71937.4 -4817.9	1239 9.4	73518.0 -4805.8
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1151 10.4	71946.9 -4801.3	1241 9.2	73536.5 -4838.2
1152 8.9	71947.9 -4846.4	1242 9.8	73538.0 -4828.8
1153 9.8	71947.9 -4841.9	1243 6.9	73547.0 -4845.9
1154 9.0	71957.7 -4802.0	1244 9.4	73619.5 -4837.4
1155 10.0	72002.4 -4819.0	1245 8.2	73637.0 -4813.5
1156 8.4	72009.9 -4818.8	1246 9.4	73656.5 -4801.6
1157 8.6	72019.9 -4811.7	1247 9.8	73658.0 -4851.5
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1170 9.3	72218.5 -4801.5	1260 9.0	73850.0 -4824.2
1171 9.6	72231.1 -4822.7	1261 9.8	73905.0 -4853.1
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1173 10.0	72301.2 -4819.7	1263 8.6	73915.5 -4851.1
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1180 10.4	72414.5 -4801.0	1270 10.0	74046.2 -4826.9
1181 9.2	72424.1 -4812.1	1271 9.8	74059.0 -4802.3
1182 10.4	72427.0 -4800.9	1272 10.0	74135.7 -4801.2
1183 9.4	72435.1 -4834.7	1273 8.0	74136.2 -4836.6
1184 7.6	72451.1 -4833.3	1274 9.4	74150.2 -4805.1
1185 9.2	72457.6 -4853.4	1275 9.2	74201.2 -4817.6
1186 8.7	72505.6 -4853.8	1276 8.4	74207.7 -4803.1
1187 9.2	72509.1 -4805.5	1277 9.0	74207.7 -4803.3
1188 9.0	72533.6 -4811.7	1278 10.0	74231.7 -4846.3
1189 8.4	72545.7 -4857.5	1279 7.0	74253.2 -4856.2
1190 9.3	72547.6 -4803.2	1280 8.6	74306.1 -4835.7
1191 10.0	72611.6 -4847.2	1281 9.8	74340.7 -4850.9
1192 10.0	72624.2 -4859.5	1282 9.4	74343.7 -4810.6
1193 9.8	72627.2 -4808.8	1283 9.0	74343.7 -4813.6
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1195 8.6	72643.6 -4820.5	1285 9.6	74353.7 -4844.4
1196 9.6	72712.1 -4840.7	1286 9.4	74411.1 -4830.1
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1201 9.4	72849.6 -4814.8	1291 9.6	74443.4 -4834.3
1202 9.4	72852.1 -4829.9	1292 9.8	74450.7 -4805.3
1203 9.8	72902.1 -4845.6	1293 10.0	74455.2 -4838.4
1204 10.0	72904.1 -4843.6	1294 10.0	74455.2 -4838.7
1205 10.0	72917.1 -4806.3	1295 10.0	74458.7 -4825.0
1206 7.4	72919.3 -4856.6	1296 10.0	74459.4 -4843.4
1207 9.6	72929.8 -4834.3	1297 10.0	74502.7 -4824.7
1208 10.0	72931.3 -4849.9	1298 9.8	74509.4 -4802.9
1209 10.0	72941.8 -4837.1	1299 10.0	74516.2 -4816.1
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1216 9.8	73124.3 -4814.1	1306 10.0	74641.1 -4835.1
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1312 9.6	74733.6 -4823.3	1402 9.9	75708.6 -4826.5
1313 9.4	74733.6 -4817.7	1403 10.0	75709.1 -4839.7
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1315 9.6	74752.9 -4853.9	1405 10.0	75711.6 -4840.4
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1317 8.6	74756.4 -4843.0	1407 9.4	75725.1 -4833.1
1318 9.2	74759.4 -4807.9	1408 10.0	75734.6 -4832.6
1319 8.9	74812.9 -4825.6	1409 9.6	75736.1 -4826.0
1320 8.1	74828.9 -4832.7	1410 10.0	75740.1 -4841.0
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1324 9.2	74841.4 -4847.8	1414 10.0	75800.6 -4806.2
1325 8.9	74849.4 -4803.9	1415 9.7	75811.1 -4810.2
1326 9.4	74851.4 -4845.2	1416 9.7	75811.6 -4804.9
1327 10.0	74856.4 -4828.6	1417 9.4	75831.6 -4825.4
1328 9.4	74903.4 -4825.4	1418 9.4	75833.6 -4837.8
1329 10.0	74906.9 -4823.1	1419 9.4	75839.1 -4814.2
1330 9.9	74930.4 -4830.8	1420 10.0	75900.1 -4805.0
1331 9.6	74931.9 -4837.9	1421 9.8	75904.6 -4817.9
1332 9.2	74939.9 -4854.4	1422 9.6	75913.5 -4858.2
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1335 10.0	75007.4 -4830.6	1425 10.4	75940.3 -4801.4
1336 9.9	75007.9 -4842.2	1426 9.0	75943.5 -4818.1
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1361 9.8	75259.7 -4820.9	1451 10.4	80130.3 -4800.3
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1366 9.9	75337.2 -4845.2	1456 9.8	80206.5 -4842.3
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1374 9.4	75445.2 -4825.1	1464 9.0	80254.9 -4825.1
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1376 10.2	75510.3 -4802.0	1466 9.0	80303.9 -4841.4
1377 10.0	75511.7 -4845.9	1467 9.8	80309.9 -4837.8
1378 7.0	75520.2 -4802.2	1468 9.7	80315.4 -4830.6
1379 8.3	75525.7 -4850.2	1469 9.6	80321.9 -4827.5
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1382 9.3	75539.6 -4825.4	1472 9.6	80330.9 -4826.0
1383 9.7	75546.2 -4851.9	1473 9.7	80331.4 -4834.6
1384 8.4	75546.6 -4846.7	1474 8.0	80336.3 -4801.9
1385 10.0	75548.8 -4836.6	1475 8.8	80354.9 -4851.5
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1397 9.2	75640.1 -4838.5	1487 10.0	80523.4 -4854.2
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1399 8.8	75643.1 -4845.6	1489 9.6	80524.9 -4805.4
1400 6.6	75650.1 -4831.6	1490 6.2	80525.9 -4818.9
1401 9.2	75650.6 -4835.5	1491 9.4	80528.9 -4824.2

-48 1491 8h05m

-48 1492 8h05m

-48 1851 8h36m

1492	10.0	80532.4	-4842.0	1582	8.0	81217.7	-4848.0	1672	9.2	82130.9	-4829.8	1762	8.7	82904.1	-4843.7
1493	8.4	80543.4	-4848.8	1583	9.7	81218.7	-4847.3	1673	10.0	82204.4	-4830.0	1763	10.2	82906.4	-4831.5
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1495	8.5	80545.4	-4850.0	1585	8.4	81250.7	-4802.9	1675	9.7	82214.9	-4823.3	1765	8.7	82909.6	-4813.2
1496	9.8	80546.4	-4852.7	1586	8.1	81254.7	-4809.4	1676	7.4	82215.4	-4801.5	1766	10.2	82920.1	-4848.0
1497	9.4	80549.4	-4844.2	1587	8.5	81256.7	-4821.0	1677	10.1	82215.9	-4806.0	1767	10.2	82921.4	-4855.0
1498	9.2	80550.3	-4859.9	1588	9.0	81300.7	-4852.9	1678	9.1	82218.9	-4830.0	1768	10.2	82921.4	-4811.0
1499	9.8	80550.4	-4858.8	1589	10.0	81304.7	-4846.7	1679	9.7	82221.9	-4853.8	1769	10.1	82948.9	-4844.8
1500	8.5	80555.8	-4849.6	1590	9.9	81309.7	-4852.6	1680	10.2	82222.8	-4800.9	1770	8.3	82950.4	-4803.8
1501	9.4	80558.8	-4856.6	1591	9.7	81311.7	-4840.5	1681	9.6	82229.9	-4825.8	1771	9.7	82954.4	-4853.8
1502	8.8	80603.8	-4818.8	1592	9.3	81318.7	-4840.9	1682	10.2	82233.6	-4800.2	1772	10.2	82954.9	-4854.0
1503	9.6	80605.3	-4852.4	1593	9.9	81320.7	-4833.7	1683	9.7	82239.9	-4841.1	1773	10.0	82957.9	-4844.5
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1505	9.4	80608.3	-4839.7	1595	9.6	81331.7	-4842.4	1685	10.1	82240.8	-4825.2	1775	9.4	83002.9	-4835.8
1506	9.9	80608.8	-4847.5	1596	9.8	81334.7	-4837.5	1686	7.6	82255.3	-4832.8	1776	10.0	83008.9	-4838.0
1507	9.6	80610.3	-4838.2	1597	10.0	81335.7	-4821.0	1687	9.7	82255.8	-4815.9	1777	10.2	83009.4	-4845.1
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1510	8.8	80610.3	-4849.1	1600	9.2	81359.7	-4848.5	1690	10.2	82310.8	-4822.0	1780	10.2	83029.4	-4855.6
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1512	8.3	80615.4	-4857.4	1602	10.0	81417.6	-4857.3	1692	9.6	82322.3	-4825.0	1782	9.4	83046.9	-4841.6
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1515	9.8	80619.8	-4846.3	1605	9.6	81432.7	-4824.4	1695	10.2	82330.3	-4812.7	1785	9.8	83056.9	-4844.8
1516	9.6	80624.8	-4826.9	1606	9.3	81432.7	-4804.7	1696	9.2	82334.8	-4824.2	1786	8.9	83104.4	-4808.6
1517	8.8	80625.3	-4852.1	1607	9.4	81454.9	-4831.1	1697	8.8	82335.3	-4814.1	1787	9.7	83107.9	-4849.2
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1519	8.0	80628.3	-4854.5	1609	10.0	81501.4	-4802.9	1699	8.7	82340.8	-4821.7	1789	9.8	83113.4	-4840.8
1520	9.4	80633.4	-4857.1	1610	10.2	81513.4	-4802.3	1700	10.2	82350.8	-4810.2	1790	9.9	83113.9	-4808.4
1521	10.0	80634.1	-4858.7	1611	8.9	81514.9	-4800.3	1701	10.2	82350.8	-4821.4	1791	10.2	83114.9	-4805.0
1522	7.6	80634.3	-4839.8	1612	9.4	81518.4	-4803.3	1702	10.0	82353.8	-4852.7	1792	8.0	83139.9	-4807.0
1523	9.7	80636.3	-4853.1	1613	10.0	81522.9	-4809.2	1703	10.1	82355.8	-4807.3	1793	10.2	83139.9	-4845.8
1524	8.7	80638.8	-4841.3	1614	10.2	81526.4	-4843.8	1704	9.6	82409.8	-4816.2	1794	8.9	83147.9	-4845.8
1525	6.6	80639.8	-4852.1	1615	10.2	81530.4	-4846.6	1705	9.6	82409.8	-4834.0	1795	9.3	83203.4	-4838.2
1526	9.9	80639.8	-4813.3	1616	9.9	81531.9	-4848.8	1706	10.1	82411.8	-4827.6	1796	10.2	83218.4	-4812.6
1527	9.4	80645.3	-4844.6	1617	9.2	81558.9	-4836.3	1707	9.6	82414.8	-4855.0	1797	8.6	83222.9	-4854.0
1528	7.7	80645.3	-4847.6	1618	10.2	81559.9	-4841.2	1708	10.0	82420.3	-4850.1	1798	9.6	83234.4	-4839.0
1529	10.0	80645.8	-4849.9	1619	10.2	81600.9	-4805.0	1709	9.2	82421.3	-4841.2	1799	10.2	83239.4	-4858.7
1530	8.1	80648.8	-4827.4	1620	9.0	81603.9	-4819.8	1710	10.2	82430.3	-4831.0	1800	9.2	83244.4	-4847.8
1531	8.9	80649.8	-4844.2	1621	9.8	81605.9	-4833.0	1711	10.2	82443.8	-4813.8	1801	9.4	83244.4	-4840.4
1532	9.8	80650.8	-4854.6	1622	9.7	81608.4	-4832.0	1712	9.4	82444.8	-4818.4	1802	9.7	83301.9	-4817.1
1533	9.2	80655.3	-4856.1	1623	10.0	81614.7	-4802.0	1713	10.2	82455.3	-4838.9	1803	9.9	83302.4	-4822.8
1534	9.2	80657.3	-4839.5	1624	9.6	81615.4	-4843.2	1714	10.2	82508.3	-4813.4	1804	9.8	83302.9	-4848.7
1535	8.5	80659.3	-4816.8	1625	9.4	81617.4	-4802.0	1715	9.8	82514.8	-4807.3	1805	10.1	83308.4	-4811.3
1536	9.0	80659.8	-4835.1	1626	9.0	81619.9	-4807.6	1716	10.2	82520.8	-4809.3	1806	7.3	83316.9	-4859.4
1537	9.4	80703.8	-4828.7	1627	10.1	81623.4	-4833.4	1717	10.2	82521.3	-4837.1	1807	9.1	83316.9	-4804.4
1538	9.8	80705.8	-4855.3	1628	9.9	81649.9	-4834.6	1718	10.1	82525.3	-4813.7	1808	10.2	83319.4	-4847.2
1539	9.4	80707.3	-4844.6	1629	9.6	81654.9	-4808.0	1719	10.1	82527.8	-4815.7	1809	8.3	83320.9	-4828.5
1540	9.4	80707.8	-4832.5	1630	10.1	81708.9	-4810.1	1720	8.9	82534.8	-4827.1	1810	10.2	83324.4	-4843.9
1541	8.2	80710.8	-4829.1	1631	9.4	81724.9	-4852.3	1721	8.9	82549.1	-4858.8	1811	9.4	83326.4	-4825.0
1542	8.0	80713.8	-4807.7	1632	8.9	81728.9	-4832.8	1722	9.8	82549.8	-4857.1	1812	10.2	83333.9	-4841.2
1543	8.0	80718.8	-4854.8	1633	9.9	81735.9	-4821.9	1723	9.9	82559.8	-4830.8	1813	9.6	83334.9	-4827.2
1544	9.8	80720.8	-4838.2	1634	10.2	81741.4	-4843.8	1724	10.0	82559.8	-4844.7	1814	9.9	83348.9	-4830.5
1545	6.3	80724.8	-4805.4	1635	8.2	81741.4	-4830.1	1725	10.2	82604.8	-4825.0	1815	10.2	83358.9	-4853.3
1546	9.2	80725.8	-4837.9	1636	9.6	81756.9	-4830.6	1726	9.6	82605.6	-4846.1	1816	10.0	83358.9	-4821.8
1547	10.0	80729.8	-4842.3	1637	8.8	81758.9	-4800.8	1727	9.6	82606.1	-4822.2	1817	8.5	83402.9	-4818.0
1548	9.4	80734.3	-4817.2	1638	9.3	81823.4	-4806.0	1728	10.0	82614.6	-4837.1	1818	9.6	83404.4	-4804.6
1549	10.0	80740.3	-4816.1	1639	9.7	81829.9	-4849.4	1729	9.6	82614.6	-4818.2	1819	10.2	83404.8	-4801.0
1550	9.4	80741.8	-4803.5	1640	9.6	81831.9	-4833.2	1730	10.1	82618.6	-4836.8	1820	9.9	83415.9	-4800.2
1551	9.2	80744.3	-4850.0	1641	9.6	81839.9	-4837.9	1731	10.1	82625.6	-4839.7	1821	10.1	83425.8	-4800.2
1552	8.8	80803.5	-4802.1	1642	5.1	81840.4	-4805.4	1732	9.4	82626.6	-4808.3	1822	10.2	83429.4	-4819.6
1553	8.8	80809.8	-4822.2	1643	10.2	81845.4	-4808.8	1733	9.6	82629.6	-4854.0	1823	10.2	83438.9	-4820.2
1554	10.0	80830.3	-4859.1	1644	7.6	81849.4	-4839.0	1734	10.2	82634.6	-4855.6	1824	9.4	83439.4	-4817.6
1555	9.8	80844.8	-4829.0	1645	10.2	81850.9	-4849.6	1735	10.1	82638.6	-4831.9	1825	10.1	83445.9	-4807.1
1556	9.7	80845.8	-4812.8	1646	10.2	81853.8	-4812.8	1736	10.2	82642.6	-4810.8	1826	10.2	83447.4	-4858.7
1557	10.0	80848.3	-4813.0	1647	9.8	81914.9	-4816.3	1737	10.0	82644.6	-4810.9	1827	10.2	83448.9	-4838.7
1558	9.4	80849.8	-4856.4	1648	10.2	81915.4	-4818.0	1738	10.1	82649.6	-4828.5	1828	10.1	83450.9	-4824.0
1559	8.9	80919.8	-4838.1	1649	10.1	81918.9	-4819.8	1739	10.1	82654.1	-4818.3	1829	9.8	83500.4	-4801.4
1560	9.9	80938.3	-4808.6	1650	9.1	81933.4	-4811.8	1740	9.6	82657.6	-4825.8	1830	9.7	83503.1	-4800.8
1561	8.2	80938.8	-4804.1	1651	10.2	81939.9	-4804.8	1741	10.0	82704.1	-4844.2	1831	10.1	83508.4	-4808.8
1562	9.4	80948.3	-4824.3	1652	10.1	81939.9	-4852.2	1742	10.1	82705.1	-4842.0	1832	10.2	83508.9	-4853.6
1563	9.4	80954.8	-4807.9	1653	10.2	81953.4	-4845.8	1743	8.8	82715.6	-4845.9	1833	9.6	83510.9	-4808.0
1564	9.4	81000.3	-4846.4	1654	9.4	81954.9	-4821.6	1744	9.6	82727.6	-4832.7	1834	9.6	83512.4	-4817.8
1565	9.4	81002.3	-4857.9	1655	9.6	82009.9	-4855.4	1745	7.8	82729.1	-4819.6	1835	9.8	83519.4	-4805.2
1566	9.0	81004.8	-4833.9	1656	10.2	82026.9	-4833.0	1746	10.1	82730.6	-4855.8	1836	10.1	83519.9	-4859.0
1567	10.0	81016.8	-4812.1	1657	10.1	82033.4	-4815.0	1747	9.9	82736.6	-4853.4	1837	10.0	83520.9	-4807.0
1568	8.5	81024.8	-4805.7	1658	10.0	82038.8	-4832.3	1748	9.7	82736.6	-4829.4	1838	9.2	83520.9	-4818.4
1569	8.0	81026.3	-4851.3	1659	9.6	82042.4	-4836.8	1749	10.2	82738.6	-4835.7	1839	9.2	83523.4	-4834.4
1570	8.3	81032.3	-4840.1	1660	10.1	82052.9	-4828.8	1750	10.1	82745.6	-4858.0	1840	9.6	83540.9	-4810.2
1571	9.0	81034.1	-4857.9	1661	10.1	82053.4	-4323.1	1751	9.4	82759.1	-4820.6	1841	9.9	83541.4	-4808.6
1572	9.4	81043.3	-4816.7	1662	10.2	82054.9	-4855.1	1752	10.2	82806.6	-4824.0	1842	8.9	83544.4	-4809.6
1573	9.3	81045.8	-4830.3	1663	10.2	82055.4	-4811.6	1753	9.9	82808.6	-4847.3	1843	10.2	83544.4	-4802.4
1574	10.0	81100.8	-4808.4	1664	9.0	82102.9	-4836.6	1754	9.4	82810.1	-4856.9	1844	9.0	83545.4	-4850.8
1575	9.8	81124.3	-4828.4	1665	8.3	82104.9	-4816.1	1755	9.6	82813.6	-4828.8	1845	10.2	83553.4	-4816.1
1576	7.6	81131.8	-4847.8	1666	8.3	82113.4	-4841.6	1756	10.2	82814.4	-4833.2	1846	9.7	83553.9	-4824.2
1577	8.5	81136.3	-4850.2	1667	8.3	82114.9	-4845.0	1757	10.2	82817.1	-4810.0	1847	10.2	83556.3	-4830.1
1578	8.1	81145.8	-4840.0	1668	8.7	82118.7	-4857.0	1758	9.8	82817.1	-4855.9	1848	8.7	83609.3	-4854.6
1579	10.0	81145.8	-4809.8	1669	10.2	82119.9	-4859.6	1759	10.1	82821.1	-4804.0	1849	9.3	83611.8	-4810.3
1580	7.8	81200.3	-4852.9	1670	8.5	82120.4	-4843.2	1760	10.2	82849.5	-4800.8	1850	9.7	83611.8	-4853.9
1581	9.9	81215.2	-4807.9	1671	10.1	82121.4	-4832.0	1761	10.2	82849.6	-4811.1	1851	8.7	83613.0	-4800.2

1852	9.4	83613.3	-4816.2	1942	9.4	84437.3	-4827.3	2032	9.4	84933.6	-4822.1	2122	9.0	85520.7	-4856.9
1853	10.1	83619.3	-4803.2	1943	10.0	84441.3	-4806.9	2033	8.8	84934.6	-4819.0	2123	9.6	85522.2	-4820.0
1854	10.2	83622.8	-4805.9	1944	9.4	84455.0	-4836.9	2034	9.4	84938.6	-4827.1	2124	9.6	85523.7	-4858.5
1855	10.2	83626.3	-4814.0	1945	9.5	84458.7	-4813.3	2035	9.8	84941.6	-4821.5	2125	9.6	85536.2	-4830.2
1856	9.1	83638.3	-4825.6	1946	9.4	84504.0	-4857.2	2036	10.0	84942.1	-4838.7	2126	9.8	85541.2	-4830.9
1857	10.2	83639.3	-4842.5	1947	9.8	84512.8	-4852.3	2037	9.8	84944.1	-4820.1	2127	10.0	85545.2	-4805.0
1858	10.2	83652.3	-4835.9	1948	9.6	84513.7	-4803.5	2038	9.5	84950.6	-4839.2	2128	8.9	85557.2	-4852.2
1859	10.2	83654.8	-4816.9	1949	10.0	84514.5	-4830.6	2039	9.6	84956.6	-4831.8	2129	10.0	85600.7	-4825.4
1860	9.0	83657.8	-4816.0	1950	9.8	84514.5	-4821.9	2040	9.8	84958.2	-4857.3	2130	10.0	85601.2	-4817.1
1861	9.2	83708.3	-4849.1	1951	9.6	84517.0	-4844.4	2041	10.0	84958.6	-4849.5	2131	9.8	85603.5	-4859.5
1862	6.3	83708.3	-4828.6	1952	10.0	84521.3	-4816.8	2042	9.4	84959.6	-4823.6	2132	9.6	85605.7	-4871.7
1863	9.7	83711.3	-4823.9	1953	9.5	84521.4	-4858.1	2043	8.3	85005.6	-4839.1	2133	9.5	85609.7	-4821.2
1864	10.2	83717.1	-4800.6	1954	10.0	84542.3	-4809.4	2044	9.6	85010.9	-4845.9	2134	10.0	85610.2	-4811.0
1865	9.4	83730.3	-4848.8	1955	10.0	84550.0	-4843.8	2045	9.3	85010.9	-4827.3	2135	8.6	85612.2	-4813.6
1866	10.0	83733.8	-4803.4	1956	10.0	84552.8	-4835.3	2046	8.6	85015.4	-4824.3	2136	9.6	85622.2	-4803.9
1867	10.2	83751.8	-4820.4	1957	9.8	84553.3	-4815.7	2047	9.0	85015.4	-4827.1	2137	8.8	85622.2	-4823.7
1868	9.7	83753.3	-4839.7	1958	9.8	84555.8	-4822.6	2048	10.0	85015.4	-4808.9	2138	9.0	85622.7	-4829.0
1869	10.2	83753.8	-4818.3	1959	9.6	84556.3	-4815.1	2049	9.6	85019.4	-4806.6	2139	10.0	85622.7	-4835.0
1870	9.8	83756.3	-4804.1	1960	9.8	84559.3	-4842.0	2050	9.6	85020.4	-4809.9	2140	9.0	85624.1	-4831.5
1871	10.0	83802.8	-4809.3	1961	10.0	84605.8	-4856.6	2051	9.8	85022.9	-4854.5	2141	9.4	85624.2	-4835.9
1872	8.8	83814.0	-4800.3	1962	9.4	84610.8	-4831.9	2052	9.8	85026.4	-4855.9	2142	8.9	85629.2	-4830.0
1873	9.9	83819.8	-4820.9	1963	9.1	84611.3	-4814.1	2053	10.0	85031.4	-4814.9	2143	9.8	85632.2	-4851.9
1874	10.0	83824.3	-4808.8	1964	9.8	84611.3	-4817.5	2054	9.6	85036.4	-4834.3	2144	9.5	85632.7	-4820.2
1875	10.2	83824.3	-4808.3	1965	9.4	84611.3	-4812.9	2055	10.0	85042.4	-4820.1	2145	9.8	85635.7	-4834.9
1876	10.1	83835.3	-4843.9	1966	8.6	84616.3	-4806.9	2056	10.0	85045.4	-4823.7	2146	9.8	85636.2	-4837.1
1877	9.0	83835.8	-4851.6	1967	10.0	84616.8	-4832.3	2057	9.6	85054.4	-4854.0	2147	9.8	85638.2	-4845.5
1878	10.1	83844.3	-4850.3	1968	9.5	84622.8	-4826.0	2058	9.4	85054.4	-4853.7	2148	9.8	85639.2	-4809.4
1879	9.7	83850.8	-4853.0	1969	9.4	84625.3	-4850.8	2059	10.0	85054.9	-4840.2	2149	9.6	85645.2	-4833.7
1880	10.1	83852.3	-4810.9	1970	9.5	84631.3	-4847.1	2060	9.5	85056.4	-4854.1	2150	10.0	85647.7	-4827.4
1881	10.1	83859.3	-4829.2	1971	9.4	84633.3	-4855.1	2061	10.0	85059.4	-4802.0	2151	10.0	85651.7	-4834.7
1882	10.2	83859.3	-4857.1	1972	9.5	84633.5	-4801.5	2062	10.0	85101.4	-4836.1	2152	9.8	85655.1	-4843.7
1883	10.1	83909.3	-4804.1	1973	9.6	84633.8	-4818.5	2063	9.8	85117.9	-4839.9	2153	9.2	85656.0	-4801.2
1884	10.1	83911.3	-4849.5	1974	10.0	84636.3	-4851.3	2064	9.8	85117.9	-4816.7	2154	9.8	85659.6	-4841.7
1885	9.7	83913.3	-4832.0	1975	10.0	84640.7	-4857.0	2065	10.0	85119.4	-4803.1	2155	10.0	85700.1	-4805.7
1886	9.0	83920.2	-4815.4	1976	9.4	84641.7	-4827.5	2066	10.0	85135.1	-4801.7	2156	9.4	85709.4	-4858.2
1887	9.8	83928.2	-4835.4	1977	9.8	84642.7	-4839.4	2067	10.0	85136.6	-4802.5	2157	9.0	85712.6	-4824.2
1888	9.4	83936.2	-4838.2	1978	10.0	84642.7	-4826.6	2068	10.0	85140.9	-4800.3	2158	9.4	85716.1	-4838.1
1889	9.7	83947.7	-4824.9	1979	9.0	84643.7	-4841.0	2069	9.1	85150.4	-4849.7	2159	9.6	85717.6	-4827.7
1890	9.6	83949.7	-4857.7	1980	10.0	84646.2	-4847.5	2070	8.2	85203.4	-4839.3	2160	9.8	85720.6	-4835.9
1891	10.0	83950.2	-4843.0	1981	9.5	84650.7	-4854.7	2071	9.8	85204.1	-4802.5	2161	8.6	85737.1	-4815.4
1892	10.2	84000.2	-4819.7	1982	9.6	84651.2	-4836.6	2072	8.9	85204.4	-4840.6	2162	10.0	85754.6	-4811.3
1893	9.2	84003.2	-4828.5	1983	9.6	84651.7	-4821.2	2073	9.4	85205.4	-4810.5	2163	9.2	85801.6	-4847.2
1894	9.9	84003.2	-4804.6	1984	9.5	84651.7	-4805.4	2074	10.0	85205.4	-4853.7	2164	10.0	85807.6	-4836.3
1895	9.0	84003.7	-4815.6	1985	10.0	84656.2	-4828.8	2075	9.6	85212.3	-4833.3	2165	9.4	85810.1	-4828.2
1896	9.0	84015.7	-4803.4	1986	10.0	84659.7	-4801.4	2076	10.0	85212.4	-4849.9	2166	9.5	85810.6	-4812.3
1897	10.2	84024.9	-4800.0	1987	9.5	84704.2	-4854.5	2077	10.0	85219.3	-4816.1	2167	10.0	85812.1	-4810.1
1898	8.5	84041.7	-4812.8	1988	9.6	84730.7	-4839.6	2078	9.8	85220.3	-4825.6	2168	10.0	85813.1	-4855.1
1899	9.9	84049.2	-4805.9	1989	10.0	84731.2	-4802.5	2079	9.5	85222.8	-4803.0	2169	9.6	85818.6	-4810.2
1900	10.0	84049.7	-4806.8	1990	8.6	84731.2	-4817.0	2080	9.6	85226.8	-4801.2	2170	10.0	85819.6	-4804.6
1901	9.0	84105.2	-4836.0	1991	9.6	84735.7	-4812.7	2081	9.4	85231.3	-4818.1	2171	10.0	85820.1	-4837.1
1902	10.2	84110.2	-4806.9	1992	10.0	84738.2	-4847.1	2082	10.0	85233.8	-4816.7	2172	9.2	85825.1	-4854.0
1903	8.0	84114.2	-4854.2	1993	9.4	84742.7	-4837.8	2083	10.0	85235.8	-4835.5	2173	10.0	85830.5	-4802.1
1904	10.2	84122.7	-4852.5	1994	8.7	84745.7	-4818.2	2084	10.0	85235.8	-4850.1	2174	9.6	85844.1	-4819.1
1905	9.8	84123.2	-4821.2	1995	9.4	84750.2	-4856.1	2085	10.0	85243.8	-4846.4	2175	9.8	85844.4	-4858.8
1906	9.4	84126.2	-4824.1	1996	9.8	84754.2	-4822.2	2086	9.5	85247.8	-4833.7	2176	9.5	85849.6	-4818.8
1907	9.6	84129.2	-4822.6	1997	9.4	84754.7	-4830.0	2087	9.0	85251.3	-4835.5	2177	10.0	85853.1	-4833.3
1908	9.8	84129.2	-4802.9	1998	8.8	84755.7	-4819.5	2088	9.5	85252.3	-4833.3	2178	8.9	85900.6	-4828.9
1909	10.2	84131.2	-4818.9	1999	9.6	84759.7	-4814.8	2089	10.0	85253.8	-4840.6	2179	8.7	85901.0	-4800.8
1910	9.6	84133.2	-4821.6	2000	10.0	84808.2	-4832.9	2090	9.0	85256.3	-4838.5	2180	9.6	85901.6	-4803.0
1911	9.8	84134.2	-4859.7	2001	9.6	84813.2	-4844.6	2091	9.4	85309.3	-4818.9	2181	9.6	85903.6	-4849.0
1912	9.1	84134.2	-4815.5	2002	8.8	84822.7	-4845.8	2092	10.0	85310.0	-4857.8	2182	9.6	85905.6	-4828.4
1913	9.9	84136.2	-4819.1	2003	8.1	84822.9	-4801.3	2093	10.0	85310.3	-4834.7	2183	8.7	85912.1	-4811.4
1914	10.0	84147.2	-4819.0	2004	10.0	84824.7	-4857.3	2094	10.0	85318.3	-4808.9	2184	9.6	85921.1	-4829.3
1915	10.1	84155.7	-4818.8	2005	9.4	84828.7	-4806.5	2095	9.8	85323.8	-4818.2	2185	9.6	85922.1	-4834.1
1916	10.2	84154.7	-4834.0	2006	9.6	84829.6	-4841.9	2096	10.0	85333.3	-4820.1	2186	9.6	85924.1	-4839.9
1917	8.3	84158.2	-4813.8	2007	10.0	84833.6	-4849.5	2097	9.1	85334.8	-4850.5	2187	10.0	85928.1	-4853.2
1918	10.2	84201.4	-4800.1	2008	10.0	84840.1	-4839.1	2098	9.1	85339.3	-4831.0	2188	9.6	85934.1	-4832.5
1919	10.2	84214.2	-4807.0	2009	9.4	84845.6	-4826.3	2099	9.4	85339.8	-4857.9	2189	8.7	85937.6	-4808.0
1920	9.4	84220.2	-4819.3	2010	8.6	84846.6	-4804.7	2100	9.8	85343.8	-4834.8	2190	8.9	85939.1	-4803.8
1921	10.2	84225.4	-4802.7	2011	10.0	84847.1	-4825.6	2101	7.4	85346.3	-4805.5	2191	9.8	85941.1	-4831.6
1922	9.7	84229.7	-4821.9	2012	10.0	84848.1	-4831.3	2102	9.6	85346.8	-4818.1	2192	9.1	85945.1	-4856.6
1923	8.0	84240.7	-4818.5	2013	9.6	84848.1	-4833.0	2103	10.0	85349.8	-4803.9	2193	9.6	85950.1	-4822.4
1924	10.2	84242.7	-4848.2	2014	10.0	84853.6	-4854.5	2104	10.0	85350.3	-4827.7	2194	9.8	85951.6	-4819.2
1925	10.0	84244.2	-4844.3	2015	9.6	84901.6	-4830.3	2105	9.2	85353.8	-4819.0	2195	10.0	85952.1	-4845.6
1926	9.6	84250.2	-4852.9	2016	9.6	84901.6	-4807.6	2106	9.6	85356.3	-4854.6	2196	9.8	90000.1	-4838.2
1927	10.1	84254.2	-4838.5	2017	9.5	84903.6	-4827.0	2107	9.4	85405.8	-4854.9	2197	10.0	90008.1	-4806.2
1928	10.0	84259.2	-4845.7	2018	9.7	84904.1	-4821.9	2108	9.8	85412.8	-4833.6	2198	10.0	90010.8	-4859.2
1929	9.0	84259.2	-4800.6	2019	9.8	84907.6	-4846.0	2109	10.0	85416.3	-4858.9	2199	10.0	90011.6	-4816.5
1930	9.6	84309.2	-4827.9	2020	9.8	84913.1	-4804.5	2110	9.4	85435.3	-4817.7	2200	10.0	90011.6	-4825.0
1931	8.9	84321.2	-4849.1	2021	10.0	84915.2	-4844.3	2111	9.0	85440.3	-4810.1	2201	9.6	90012.1	-4836.4
1932	9.6	84325.7	-4813.3	2022	9.6	84917.6	-4853.3	2112	9.8	85443.8	-4845.2	2202	10.0	90020.6	-4807.2
1933	9.2	84326.2	-4841.3	2023	9.5	84919.6	-4849.0	2113	9.6	85446.2	-4803.7	2203	9.0	90028.6	-4819.8
1934	9.9	84326.7	-4843.3	2024	10.0	84921.2	-4851.7	2114	9.8	85450.2	-4810.6	2204	10.0	90031.1	-4843.6
1935	10.2	84345.7	-4834.1	2025	10.0	84922.1	-4846.2	2115	9.2	85458.7	-4822.2	2205	8.7	90035.6	-4818.9
1936	9.4	84354.7	-4801.1	2026	9.0	84930.1	-4838.4	2116	10.0	85505.2	-4824.2	2206	9.5	90035.6	-4832.6
1937	9.8	84421.7	-4843.3	2027	8.6	84931.1	-4835.9	2117	10.0	85505.2	-4839.2	2207	9.5	90041.1	-4805.2
1938	9.1	84423.7	-4822.9	2028	9.5	84932.6	-4854.4	2118	10.0	85505.7	-4830.7	2208	9.8	90052.1	-4806.0
1939	10.2	84430.5	-4805.7	2029	10.0	84933.1	-4848.7	2119	8.9	85506.2	-4820.6	2209	9.4	90053.1	-4824.3
1940	9.1	84432.2	-4829.7	2030	9.5	84933.6	-4848.1	2120	9.4	85513.2	-4803.7	2210	10.0	90056.1	-4821.4
1941	8.3	84437.0	-4846.1	2031	9.5	84933.6	-4836.8	2121	9.1	85514.5	-4857.1	2211	9.6	90103.1	-4839.7

-48 2212 9h01m

-48 2571 9h32m

2212	9.6	90108.1	-4809.4	2302	10.0	90759.0	-4805.9	2392	9.2	91733.1	-4843.5	2482	9.8	92446.6	-4826.7
2213	9.8	90111.1	-4824.1	2303	10.0	90803.0	-4850.3	2393	9.8	91740.6	-4838.0	2483	9.4	92449.6	-4813.5
2214	8.6	90112.1	-4832.2	2304	10.0	90828.5	-4844.2	2394	9.8	91741.1	-4842.9	2484	10.0	92450.6	-4834.1
2215	9.5	90113.1	-4851.8	2305	10.0	90836.4	-4831.3	2395	10.0	91754.5	-4802.1	2485	10.0	92450.6	-4848.1
2216	9.8	90114.8	-4857.8	2306	8.3	90837.5	-4839.8	2396	9.4	91755.6	-4806.1	2486	10.0	92500.1	-4823.1
2217	9.6	90117.1	-4824.5	2307	9.8	90845.0	-4830.9	2397	9.6	91800.1	-4831.8	2487	10.0	92500.6	-4852.2
2218	9.6	90120.6	-4849.0	2308	8.8	90845.0	-4818.4	2398	8.4	91814.1	-4853.5	2488	8.2	92505.6	-4809.9
2219	10.0	90126.1	-4824.1	2309	9.8	90850.5	-4823.9	2399	9.4	91820.6	-4853.0	2489	10.0	92506.1	-4830.6
2220	9.6	90129.6	-4846.2	2310	9.8	90853.5	-4835.2	2400	8.4	91821.6	-4844.4	2490	9.0	92515.6	-4803.2
2221	8.6	90132.1	-4845.0	2311	10.0	90900.0	-4822.1	2401	9.2	91824.8	-4858.3	2491	9.8	92519.6	-4810.3
2222	8.8	90132.6	-4817.3	2312	9.4	90900.5	-4824.5	2402	9.7	91829.1	-4832.4	2492	9.7	92527.9	-4802.5
2223	9.8	90139.1	-4844.4	2313	9.4	90902.0	-4839.5	2403	9.8	91829.9	-4831.9	2493	9.6	92546.0	-4836.6
2224	10.0	90146.1	-4831.8	2314	7.8	90914.5	-4834.6	2404	9.2	91835.6	-4810.7	2494	9.8	92554.5	-4815.4
2225	8.8	90147.3	-4844.0	2315	9.4	90916.5	-4804.2	2405	10.0	91836.6	-4817.2	2495	9.6	92554.5	-4829.6
2226	9.2	90149.8	-4852.8	2316	9.3	90924.5	-4828.2	2406	8.5	91840.6	-4831.3	2496	9.8	92605.0	-4851.1
2227	9.6	90155.3	-4843.9	2317	9.3	90926.0	-4808.0	2407	9.9	91844.6	-4814.5	2497	9.8	92605.5	-4841.4
2228	9.4	90204.3	-4834.6	2318	10.0	90929.5	-4837.7	2408	10.0	91845.6	-4803.0	2498	9.5	92611.5	-4844.9
2229	8.4	90204.3	-4807.6	2319	8.6	90950.6	-4857.9	2409	9.9	91848.1	-4822.3	2499	10.0	92620.0	-4839.8
2230	9.5	90211.8	-4853.6	2320	8.9	90951.0	-4843.2	2410	10.0	91848.1	-4824.8	2500	8.1	92626.0	-4852.2
2231	9.6	90213.8	-4812.2	2321	9.6	90951.0	-4808.9	2411	9.8	91859.6	-4843.5	2501	9.8	92626.5	-4824.3
2232	9.0	90214.8	-4806.6	2322	10.0	90951.0	-4835.5	2412	8.8	91900.6	-4835.0	2502	9.2	92629.5	-4820.9
2233	10.0	90216.3	-4856.3	2323	10.0	90953.0	-4846.2	2413	10.0	91908.6	-4821.3	2503	9.7	92636.5	-4820.0
2234	9.8	90226.3	-4844.0	2324	9.8	90954.5	-4810.2	2414	10.0	91928.6	-4820.1	2504	9.8	92645.5	-4859.7
2235	9.6	90231.4	-4857.2	2325	9.6	91012.0	-4805.3	2415	9.6	91936.6	-4854.8	2505	9.9	92645.5	-4857.9
2236	9.4	90241.3	-4804.7	2326	9.6	91020.0	-4810.3	2416	9.7	91949.1	-4826.9	2506	10.0	92650.5	-4848.2
2237	9.8	90245.8	-4849.0	2327	9.8	91024.0	-4829.1	2417	10.0	91950.1	-4808.2	2507	9.4	92654.0	-4808.3
2238	9.8	90245.8	-4838.2	2328	9.2	91024.0	-4831.1	2418	9.3	91952.1	-4808.5	2508	9.8	92706.5	-4813.3
2239	9.5	90253.8	-4821.2	2329	9.0	91045.0	-4805.0	2419	8.8	92002.1	-4807.0	2509	10.0	92715.5	-4859.1
2240	9.2	90258.8	-4842.4	2330	9.6	91055.0	-4819.6	2420	9.2	92010.6	-4821.0	2510	10.0	92734.5	-4811.1
2241	9.8	90302.8	-4821.0	2331	10.0	91055.5	-4848.4	2421	9.5	92018.6	-4821.3	2511	10.0	92734.5	-4852.4
2242	9.8	90303.3	-4811.8	2332	10.0	91056.0	-4808.0	2422	9.8	92019.1	-4816.7	2512	8.5	92739.5	-4851.0
2243	10.0	90311.8	-4824.4	2333	10.0	91100.0	-4813.4	2423	9.9	92028.1	-4837.1	2513	10.0	92740.0	-4831.8
2244	9.6	90326.8	-4849.2	2334	9.0	91103.5	-4827.0	2424	9.3	92028.3	-4801.1	2514	9.2	92741.5	-4821.1
2245	9.3	90328.3	-4826.3	2335	9.0	91134.1	-4829.9	2425	9.6	92034.6	-4841.1	2515	9.8	92746.5	-4804.9
2246	9.4	90350.3	-4823.0	2336	8.8	91135.9	-4803.1	2426	9.6	92046.6	-4812.1	2516	9.8	92751.5	-4828.4
2247	10.0	90350.6	-4859.0	2337	9.0	91144.1	-4809.9	2427	10.0	92049.6	-4853.9	2517	9.6	92800.5	-4850.5
2248	9.1	90351.4	-4857.0	2338	10.0	91155.1	-4849.5	2428	9.1	92051.6	-4804.3	2518	9.1	92800.5	-4819.0
2249	9.4	90351.8	-4836.3	2339	10.0	91225.1	-4843.1	2429	9.8	92057.1	-4850.0	2519	9.6	92802.5	-4819.4
2250	10.0	90358.8	-4805.1	2340	9.2	91226.6	-4826.7	2430	9.5	92100.1	-4804.2	2520	9.0	92804.5	-4857.1
2251	10.0	90404.3	-4827.5	2341	9.1	91231.1	-4825.5	2431	9.5	92100.3	-4857.1	2521	9.6	92808.5	-4854.9
2252	10.0	90406.3	-4828.6	2342	9.6	91233.6	-4847.0	2432	10.0	92100.6	-4846.3	2522	9.5	92814.5	-4847.3
2253	9.5	90417.3	-4804.6	2343	9.8	91255.6	-4828.9	2433	9.4	92108.6	-4838.9	2523	9.9	92814.5	-4839.0
2254	9.5	90419.3	-4816.2	2344	9.5	91259.1	-4858.7	2434	9.8	92110.6	-4810.9	2524	9.6	92814.5	-4805.2
2255	9.5	90420.3	-4819.6	2345	10.0	91309.6	-4811.9	2435	9.5	92116.6	-4838.6	2525	10.0	92819.5	-4805.4
2256	9.2	90421.3	-4810.8	2346	10.0	91312.6	-4826.9	2436	9.8	92117.6	-4822.7	2526	9.8	92822.5	-4824.7
2257	9.6	90425.8	-4811.0	2347	10.0	91312.6	-4805.9	2437	10.0	92121.6	-4816.8	2527	10.0	92835.0	-4858.7
2258	8.3	90441.3	-4847.0	2348	9.0	91323.1	-4847.3	2438	9.3	92131.6	-4837.0	2528	9.5	92840.0	-4852.2
2259	9.5	90452.3	-4856.6	2349	9.0	91331.6	-4835.1	2439	9.6	92141.6	-4842.6	2529	9.0	92843.5	-4833.2
2260	9.0	90500.3	-4827.0	2350	9.4	91333.6	-4837.8	2440	9.4	92141.6	-4808.2	2530	9.3	92846.5	-4816.2
2261	9.0	90500.8	-4814.3	2351	10.0	91334.9	-4826.8	2441	10.0	92146.6	-4820.7	2531	10.0	92849.0	-4834.3
2262	9.8	90505.6	-4813.7	2352	9.8	91342.1	-4820.3	2442	9.9	92149.6	-4848.3	2532	5.8	92915.5	-4827.0
2263	9.4	90509.6	-4825.3	2353	10.0	91345.1	-4845.3	2443	9.3	92150.6	-4833.1	2533	8.8	92920.5	-4836.5
2264	10.0	90516.1	-4812.2	2354	10.0	91401.1	-4831.4	2444	9.5	92152.6	-4835.1	2534	9.2	92950.0	-4843.8
2265	9.8	90516.6	-4816.4	2355	10.0	91409.1	-4859.2	2445	9.8	92155.6	-4851.0	2535	10.0	92950.0	-4853.4
2266	9.6	90517.1	-4826.5	2356	9.8	91415.1	-4853.7	2446	9.9	92200.1	-4846.7	2536	9.0	93011.5	-4847.3
2267	10.0	90522.6	-4811.3	2357	10.0	91416.1	-4847.2	2447	9.6	92201.6	-4825.1	2537	10.0	93002.5	-4815.1
2268	8.4	90524.6	-4804.3	2358	10.0	91433.6	-4841.3	2448	10.0	92202.6	-4818.1	2538	10.0	93003.0	-4818.9
2269	7.6	90533.1	-4855.0	2359	10.0	91439.6	-4800.2	2449	8.6	92206.1	-4829.7	2539	9.9	93009.0	-4806.7
2270	9.8	90535.1	-4810.9	2360	10.0	91440.3	-4837.0	2450	9.7	92210.6	-4821.9	2540	9.6	93022.0	-4820.4
2271	9.8	90535.6	-4823.4	2361	10.0	91443.3	-4820.6	2451	10.0	92219.1	-4821.5	2541	9.6	93022.8	-4858.6
2272	9.4	90539.6	-4859.2	2362	9.4	91444.1	-4855.3	2452	9.6	92221.6	-4854.9	2542	10.0	93029.5	-4811.1
2273	9.4	90545.1	-4833.3	2363	9.2	91446.9	-4806.1	2453	9.4	92227.6	-4851.0	2543	8.2	93030.5	-4819.9
2274	9.2	90547.1	-4834.2	2364	9.2	91449.1	-4802.9	2454	7.8	92232.6	-4809.1	2544	9.9	93034.5	-4824.9
2275	9.8	90549.1	-4844.9	2365	9.5	91449.1	-4804.9	2455	10.0	92237.6	-4824.0	2545	8.4	93046.5	-4834.2
2276	9.8	90553.3	-4858.2	2366	9.0	91459.6	-4827.0	2456	10.0	92240.6	-4807.3	2546	10.0	93046.5	-4844.1
2277	7.6	90553.6	-4846.8	2367	9.4	91459.8	-4828.1	2457	9.5	92244.6	-4827.9	2547	9.2	93048.5	-4813.6
2278	9.5	90554.6	-4848.9	2368	9.8	91507.0	-4839.6	2458	8.0	92249.6	-4818.2	2548	8.5	93052.0	-4826.7
2279	9.3	90559.6	-4851.8	2369	9.7	91518.3	-4846.1	2459	9.2	92259.6	-4846.5	2549	8.8	93101.5	-4827.7
2280	9.2	90611.1	-4839.4	2370	9.8	91521.0	-4809.6	2460	10.0	92318.1	-4859.2	2550	9.8	93105.5	-4800.9
2281	9.4	90618.1	-4817.0	2371	9.5	91525.0	-4832.2	2461	9.5	92320.6	-4856.2	2551	8.3	93110.0	-4821.7
2282	10.0	90619.6	-4803.2	2372	10.0	91533.6	-4844.3	2462	10.0	92320.9	-4801.6	2552	9.0	93115.5	-4848.7
2283	9.8	90620.6	-4835.2	2373	9.8	91539.6	-4857.7	2463	10.0	92328.1	-4859.5	2553	9.2	93118.0	-4801.5
2284	9.8	90621.1	-4836.0	2374	9.9	91540.6	-4848.1	2464	9.8	92329.1	-4859.8	2554	10.0	93118.0	-4841.0
2285	9.2	90621.1	-4841.0	2375	10.0	91542.7	-4802.4	2465	9.7	92330.6	-4836.2	2555	9.7	93118.5	-4829.2
2286	9.5	90633.0	-4801.1	2376	9.8	91550.6	-4843.9	2466	10.0	92332.6	-4843.4	2556	10.0	93123.5	-4855.8
2287	9.8	90638.6	-4853.1	2377	9.6	91600.8	-4859.9	2467	8.8	92347.6	-4834.7	2557	9.6	93124.5	-4803.4
2288	9.8	90648.6	-4821.3	2378	9.8	91601.0	-4802.8	2468	10.0	92350.6	-4847.9	2558	7.4	93153.5	-4811.4
2289	9.5	90648.6	-4832.1	2379	9.6	91605.6	-4829.2	2469	10.0	92354.6	-4849.0	2559	9.4	93156.5	-4844.9
2290	10.0	90649.1	-4827.0	2380	9.8	91612.1	-4856.8	2470	10.0	92359.1	-4854.0	2560	10.0	93209.5	-4856.7
2291	8.4	90652.6	-4844.2	2381	9.8	91613.6	-4819.1	2471	9.2	92359.6	-4839.1	2561	10.0	93214.0	-4849.1
2292	9.6	90658.1	-4836.3	2382	9.7	91631.1	-4854.3	2472	10.0	92400.1	-4848.4	2562	5.5	93221.5	-4847.7
2293	9.6	90658.6	-4833.7	2383	9.9	91640.6	-4817.3	2473	10.0	92401.6	-4847.0	2563	9.8	93221.5	-4805.2
2294	9.6	90659.6	-4841.1	2384	9.8	91641.1	-4839.2	2474	9.0	92402.6	-4856.6	2564	8.2	93223.5	-4812.7
2295	9.8	90700.6	-4854.5	2385	9.8	91642.1	-4816.2	2475	10.0	92403.6	-4830.1	2565	9.7	93227.0	-4809.7
2296	10.0	90705.6	-4844.7	2386	9.8	91650.1	-4843.1	2476	9.7	92410.6	-4825.8	2566	10.0	93227.5	-4857.1
2297	9.8	90710.6	-4842.8	2387	9.3	91656.2	-4800.7	2477	9.0	92417.6	-4858.1	2567	8.4	93231.5	-4808.2
2298	8.9	90714.6	-4809.6	2388	9.8	91658.6	-4802.9	2478	9.3	92418.6	-4852.5	2568	10.0	93235.5	-4851.0
2299	9.0	90727.1	-4815.6	2389	9.9	91659.6	-4830.6	2479	9.6	92420.1	-4838.2	2569	10.0	93240.5	-4840.5
2300	9.8	90746.7	-4800.1	2390	10.0	91712.1	-4804.8	2480	10.0	92430.6	-4809.1	2570	10.0	93241.5	-4849.9
2301	9.8	90749.5	-4843.0	2391	9.6	91725.1	-4809.9	2481	9.9	92440.6	-4838.7	2571	9.4	93245.5	-4803.8

-48 2572 9h32m

-48 2931 9h57m

2572	10.0	93248.5	-4849.2	2662	8.8	93941.0	-4820.8	2752	9.7	94558.0	-4859.5	2842	9.9	95137.2	-4800.8
2573	9.4	93252.0	-4839.0	2663	9.6	93948.0	-4815.8	2753	9.8	94605.5	-4841.4	2843	9.8	95138.0	-4808.6
2574	9.4	93253.5	-4813.6	2664	9.7	93950.0	-4842.3	2754	9.1	94608.0	-4832.3	2844	8.7	95140.5	-4813.9
2575	10.0	93255.5	-4833.7	2665	10.0	93951.5	-4809.4	2755	9.8	94612.5	-4840.0	2845	9.1	95144.5	-4841.9
2576	10.0	93308.5	-4814.2	2666	9.6	93952.0	-4817.4	2756	8.8	94618.5	-4800.0	2846	9.8	95152.5	-4851.8
2577	9.8	93313.5	-4850.7	2667	10.0	93959.6	-4822.9	2757	9.6	94622.0	-4806.4	2847	9.6	95155.2	-4800.6
2578	10.0	93322.0	-4852.1	2668	10.0	94001.6	-4833.8	2758	9.1	94622.5	-4827.8	2848	9.5	95155.5	-4811.2
2579	10.0	93324.0	-4806.4	2669	9.6	94009.6	-4838.5	2759	9.4	94630.5	-4849.5	2849	9.8	95204.5	-4842.1
2580	7.9	93333.5	-4812.5	2670	8.6	94028.1	-4855.0	2760	9.3	94630.5	-4813.1	2850	9.4	95205.4	-4846.7
2581	9.6	93338.5	-4803.0	2671	8.5	94029.6	-4854.8	2761	9.4	94631.0	-4840.5	2851	9.7	95208.4	-4835.6
2582	10.0	93339.5	-4846.3	2672	10.0	94031.6	-4856.7	2762	9.4	94631.5	-4816.5	2852	9.1	95211.4	-4829.3
2583	9.6	93349.5	-4800.2	2673	9.8	94032.1	-4826.5	2763	9.8	94636.0	-4844.7	2853	9.8	95214.4	-4817.8
2584	10.0	93400.5	-4802.8	2674	10.0	94034.5	-4801.8	2764	9.7	94645.0	-4827.0	2854	9.5	95216.9	-4859.1
2585	10.0	93402.5	-4846.6	2675	9.6	94039.6	-4822.1	2765	9.8	94649.5	-4815.0	2855	9.8	95221.9	-4840.7
2586	8.9	93411.5	-4855.4	2676	9.6	94040.1	-4808.9	2766	9.0	94651.5	-4821.9	2856	9.8	95224.9	-4855.0
2587	10.0	93417.5	-4854.2	2677	10.0	94040.5	-4842.9	2767	9.6	94652.0	-4817.1	2857	8.8	95224.9	-4834.5
2588	10.0	93419.5	-4857.1	2678	10.0	94041.1	-4852.5	2768	8.8	94652.5	-4856.3	2858	9.8	95231.4	-4829.2
2589	8.0	93426.5	-4829.8	2679	10.0	94050.6	-4852.1	2769	9.8	94659.0	-4817.1	2859	9.8	95231.9	-4806.0
2590	9.5	93431.5	-4812.0	2680	9.6	94054.6	-4812.6	2770	9.4	94702.5	-4841.9	2860	9.8	95232.2	-4803.0
2591	9.7	93434.5	-4857.4	2681	9.6	94058.6	-4812.0	2771	9.3	94705.5	-4858.9	2861	9.5	95238.4	-4844.9
2592	9.8	93446.0	-4847.0	2682	10.0	94105.6	-4838.9	2772	9.4	94708.0	-4815.9	2862	8.1	95238.9	-4857.7
2593	10.0	93448.0	-4833.3	2683	10.0	94109.9	-4859.8	2773	9.4	94715.5	-4810.3	2863	10.4	95239.2	-4802.2
2594	9.6	93504.0	-4820.3	2684	9.4	94110.1	-4843.6	2774	9.2	94718.0	-4803.9	2864	9.8	95242.9	-4836.8
2595	9.4	93504.5	-4848.9	2685	10.0	94111.1	-4845.1	2775	8.9	94720.5	-4817.1	2865	8.8	95255.4	-4846.5
2596	9.6	93510.5	-4817.0	2686	9.6	94113.1	-4832.0	2776	9.7	94726.0	-4852.2	2866	9.0	95300.6	-4857.1
2597	9.1	93510.5	-4856.1	2687	9.8	94113.6	-4810.9	2777	9.2	94726.5	-4856.6	2867	9.8	95301.9	-4855.9
2598	9.2	93511.0	-4857.7	2688	9.6	94114.3	-4859.3	2778	9.6	94726.5	-4849.9	2868	9.8	95308.9	-4803.6
2599	9.4	93513.5	-4839.1	2689	10.0	94114.6	-4838.7	2779	9.8	94727.0	-4803.9	2869	9.4	95315.9	-4841.3
2600	9.3	93530.3	-4857.8	2690	9.6	94119.6	-4831.5	2780	9.8	94730.5	-4854.6	2870	9.6	95323.4	-4821.6
2601	9.8	93530.5	-4823.5	2691	9.6	94127.1	-4828.9	2781	9.5	94730.9	-4803.0	2871	9.8	95327.9	-4840.2
2602	9.5	93539.5	-4830.2	2692	10.0	94133.6	-4806.1	2782	9.8	94733.0	-4806.3	2872	9.8	95327.9	-4820.7
2603	9.7	93550.0	-4809.5	2693	8.8	94139.6	-4832.9	2783	9.7	94733.5	-4810.1	2873	9.6	95328.1	-4857.9
2604	9.6	93553.0	-4855.8	2694	9.4	94143.3	-4859.1	2784	9.4	94735.5	-4837.3	2874	9.8	95339.4	-4834.0
2605	9.3	93555.5	-4825.0	2695	9.8	94149.6	-4840.1	2785	9.3	94746.0	-4811.4	2875	9.8	95342.4	-4802.7
2606	9.9	93556.5	-4856.0	2696	9.5	94153.6	-4855.9	2786	9.3	94747.5	-4815.7	2876	9.5	95349.4	-4807.7
2607	9.7	93557.0	-4839.7	2697	9.0	94159.1	-4856.1	2787	9.8	94747.5	-4821.9	2877	9.6	95356.9	-4816.5
2608	10.0	93601.5	-4853.3	2698	10.0	94200.6	-4849.6	2788	9.8	94748.5	-4835.1	2878	9.8	95359.4	-4828.2
2609	9.3	93618.0	-4839.2	2699	10.0	94210.1	-4838.1	2789	9.8	94752.5	-4829.5	2879	9.3	95404.9	-4802.9
2610	8.8	93620.5	-4839.3	2700	10.0	94210.6	-4836.9	2790	9.0	94754.5	-4814.7	2880	9.8	95405.4	-4841.6
2611	9.8	93622.0	-4844.8	2701	10.0	94214.1	-4848.5	2791	9.8	94800.5	-4855.5	2881	9.8	95415.9	-4839.6
2612	9.4	93624.5	-4825.9	2702	10.0	94220.6	-4808.9	2792	9.7	94805.5	-4859.1	2882	9.5	95416.4	-4859.3
2613	9.5	93630.5	-4856.9	2703	9.2	94238.6	-4825.0	2793	9.8	94817.0	-4829.3	2883	9.5	95425.9	-4828.3
2614	9.8	93649.5	-4825.0	2704	9.8	94245.6	-4838.2	2794	9.7	94819.7	-4814.8	2884	9.7	95430.4	-4847.5
2615	9.9	93652.5	-4827.0	2705	9.6	94251.1	-4857.8	2795	9.8	94820.5	-4811.1	2885	9.1	95430.9	-4841.6
2616	8.6	93657.0	-4802.3	2706	10.0	94301.1	-4821.1	2796	9.4	94821.0	-4825.5	2886	9.8	95434.4	-4816.6
2617	9.6	93658.0	-4825.2	2707	9.0	94301.6	-4806.3	2797	8.9	94822.5	-4855.3	2887	8.9	95438.9	-4836.8
2618	9.6	93701.5	-4823.8	2708	10.0	94306.1	-4803.0	2798	9.6	94825.0	-4803.7	2888	9.8	95448.4	-4841.0
2619	9.8	93716.5	-4852.8	2709	9.8	94315.6	-4841.2	2799	8.0	94827.5	-4820.3	2889	9.5	95451.4	-4829.8
2620	9.9	93720.3	-4858.4	2710	9.3	94315.8	-4858.5	2800	9.6	94830.5	-4834.7	2890	9.8	95505.4	-4853.5
2621	9.7	93731.5	-4803.4	2711	9.8	94320.6	-4826.1	2801	9.8	94843.5	-4844.3	2891	9.8	95505.9	-4805.1
2622	8.6	93732.5	-4832.5	2712	10.0	94323.1	-4845.6	2802	9.8	94845.5	-4807.5	2892	8.8	95509.1	-4858.8
2623	9.8	93736.8	-4858.2	2713	9.6	94324.6	-4846.9	2803	9.5	94855.5	-4817.9	2893	8.6	95510.4	-4821.0
2624	9.8	93738.0	-4848.0	2714	8.2	94327.9	-4803.1	2804	9.6	94857.0	-4814.5	2894	9.5	95512.4	-4814.8
2625	10.0	93741.0	-4845.4	2715	9.8	94336.1	-4846.7	2805	9.6	94901.5	-4844.0	2895	9.8	95518.2	-4801.5
2626	10.0	93744.5	-4835.6	2716	10.0	94336.6	-4802.3	2806	9.8	94902.0	-4844.4	2896	8.0	95518.9	-4845.6
2627	9.4	93745.5	-4836.7	2717	9.3	94338.6	-4828.5	2807	9.4	94909.0	-4837.9	2897	9.8	95524.4	-4831.9
2628	10.0	93750.5	-4830.2	2718	9.8	94345.6	-4842.1	2808	9.8	94912.0	-4852.7	2898	9.7	95526.4	-4824.8
2629	10.0	93755.0	-4856.1	2719	9.2	94346.1	-4804.9	2809	9.5	94920.5	-4853.9	2899	9.8	95528.4	-4853.2
2630	9.6	93758.0	-4820.8	2720	9.9	94357.1	-4811.1	2810	9.3	94921.5	-4843.9	2900	9.8	95529.9	-4844.2
2631	9.3	93759.5	-4856.9	2721	9.9	94358.6	-4850.1	2811	9.6	94922.7	-4858.1	2901	9.8	95529.9	-4813.0
2632	10.0	93806.5	-4817.1	2722	9.7	94403.6	-4848.1	2812	8.7	94928.7	-4857.9	2902	9.8	95540.4	-4832.6
2633	9.0	93811.5	-4820.7	2723	9.8	94407.5	-4822.9	2813	9.8	94932.0	-4852.7	2903	9.8	95544.9	-4846.9
2634	10.0	93812.5	-4857.3	2724	10.0	94409.6	-4854.1	2814	9.6	94935.5	-4818.1	2904	9.8	95547.4	-4856.8
2635	9.6	93823.0	-4828.1	2725	9.8	94413.5	-4824.2	2815	9.5	94945.5	-4834.8	2905	9.2	95550.4	-4822.4
2636	9.6	93825.5	-4801.9	2726	10.0	94417.5	-4839.3	2816	8.0	94947.5	-4846.6	2906	9.8	95551.5	-4831.1
2637	9.9	93825.5	-4823.9	2727	10.0	94418.5	-4843.7	2817	9.7	94949.0	-4832.0	2907	9.8	95557.4	-4823.2
2638	9.6	93829.5	-4847.2	2728	10.0	94421.0	-4826.7	2818	9.5	94950.0	-4852.6	2908	9.3	95608.4	-4825.0
2639	9.5	93830.0	-4822.5	2729	9.6	94430.0	-4848.0	2819	9.6	94950.0	-4831.2	2909	9.8	95610.4	-4809.9
2640	9.7	93830.4	-4802.0	2730	9.8	94431.2	-4848.3	2820	9.6	94952.5	-4836.7	2910	9.4	95613.9	-4801.0
2641	9.6	93830.5	-4804.9	2731	9.8	94434.0	-4812.5	2821	9.7	94953.0	-4851.7	2911	9.8	95618.4	-4809.1
2642	9.5	93834.5	-4819.4	2732	9.9	94440.5	-4818.9	2822	9.3	95000.5	-4825.5	2912	9.8	95621.9	-4820.8
2643	9.5	93834.5	-4826.1	2733	9.2	94441.3	-4820.6	2823	9.8	95000.7	-4846.1	2913	9.4	95625.4	-4819.7
2644	10.0	93836.5	-4812.7	2734	10.0	94443.0	-4850.6	2824	9.8	95001.5	-4856.7	2914	9.8	95627.4	-4834.8
2645	9.5	93839.5	-4856.2	2735	9.4	94455.5	-4829.8	2825	9.6	95006.0	-4818.8	2915	9.1	95645.9	-4855.2
2646	9.7	93840.5	-4836.5	2736	9.8	94500.3	-4838.1	2826	9.8	95013.0	-4812.9	2916	8.9	95657.4	-4817.0
2647	8.8	93847.5	-4828.5	2737	9.0	94509.5	-4815.9	2827	9.5	95015.7	-4805.3	2917	9.4	95658.4	-4806.7
2648	9.9	93849.0	-4803.9	2738	9.8	94509.9	-4849.7	2828	9.2	95016.5	-4805.3	2918	9.8	95700.4	-4842.0
2649	9.8	93850.0	-4803.4	2739	9.6	94517.7	-4846.7	2829	9.8	95020.5	-4855.7	2919	9.0	95701.4	-4802.2
2650	10.0	93853.8	-4858.6	2740	9.6	94525.5	-4823.3	2830	9.7	95037.0	-4833.4	2920	9.8	95704.4	-4846.8
2651	9.5	93902.0	-4838.7	2741	9.7	94526.5	-4838.7	2831	9.5	95044.0	-4856.7	2921	9.8	95706.4	-4859.0
2652	10.0	93903.0	-4812.2	2742	9.4	94527.0	-4837.5	2832	9.4	95045.5	-4812.7	2922	9.4	95708.4	-4842.1
2653	9.8	93906.0	-4835.8	2743	8.9	94529.2	-4823.7	2833	9.5	95051.5	-4851.1	2923	9.6	95716.9	-4852.6
2654	10.0	93909.0	-4810.0	2744	9.8	94535.5	-4845.9	2834	9.8	95056.0	-4833.5	2924	9.6	95717.4	-4841.4
2655	9.5	93910.0	-4835.1	2745	8.9	94542.5	-4815.1	2835	9.4	95057.0	-4825.3	2925	9.7	95720.4	-4846.8
2656	8.6	93911.0	-4844.7	2746	9.8	94550.5	-4854.5	2836	9.4	95106.5	-4805.7	2926	9.8	95723.8	-4804.1
2657	8.6	93915.0	-4805.5	2747	9.8	94550.5	-4828.2	2837	9.8	95111.0	-4845.1	2927	9.8	95726.3	-4858.5
2658	10.0	93922.6	-4801.5	2748	9.8	94555.0	-4843.9	2838	8.8	95126.5	-4827.9	2928	8.8	95726.4	-4818.8
2659	9.8	93927.5	-4815.6	2749	9.6	94555.5	-4847.2	2839	9.8	95127.5	-4800.3	2929	9.8	95729.4	-4850.2
2660	9.5	93933.0	-4805.5	2750	8.6	94556.5	-4804.2	2840	9.6	95129.5	-4807.0	2930	9.3	95731.4	-4834.2
2661	10.0	93937.0	-4840.2	2751	9.8	94557.0	-4827.7	2841	9.5	95134.5	-4848.5	2931	7.8	95742.9	-4815.5

-48 2932 9h57m

2932	9.8	95751.9	-4840.2	3022	9.4	100451.4	-4803.6	3112	9.8	100948.3	-4815.1	3202	9.8	101420.1	-4844.8
2933	9.4	95752.4	-4841.8	3023	9.4	100452.4	-4810.0	3113	9.2	100948.3	-4842.6	3203	9.5	101426.3	-4847.2
2934	9.8	95800.1	-4858.6	3024	9.8	100501.4	-4835.4	3114	9.0	100952.8	-4823.2	3204	9.7	101433.7	-4821.9
2935	9.8	95801.4	-4823.7	3025	9.6	100508.8	-4853.8	3115	9.8	100954.3	-4804.7	3205	9.8	101435.1	-4814.8
2936	9.5	95805.9	-4833.0	3026	9.3	100510.3	-4822.2	3116	9.8	100956.3	-4841.6	3206	9.8	101440.6	-4816.2
2937	9.8	95809.9	-4824.0	3027	9.8	100511.8	-4825.3	3117	9.8	100956.8	-4827.3	3207	9.8	101442.1	-4819.5
2938	9.5	95810.9	-4814.0	3028	9.8	100520.8	-4814.5	3118	9.2	101000.8	-4843.6	3208	9.8	101448.9	-4800.6
2939	9.8	95813.9	-4842.0	3029	9.6	100522.3	-4815.0	3119	9.6	101004.3	-4845.9	3209	9.8	101452.6	-4821.5
2940	8.8	95816.4	-4843.0	3030	9.6	100525.3	-4814.0	3120	9.2	101008.1	-4841.4	3210	9.6	101456.3	-4848.1
2941	9.5	95820.4	-4802.3	3031	9.8	100529.8	-4852.8	3121	9.5	101011.1	-4841.0	3211	9.5	101503.3	-4827.9
2942	8.8	95838.4	-4817.8	3032	9.4	100530.3	-4840.1	3122	9.1	101011.6	-4809.4	3212	9.0	101510.3	-4805.9
2943	9.8	95858.4	-4841.8	3033	9.5	100536.8	-4841.3	3123	9.4	101016.1	-4851.1	3213	9.3	101510.6	-4821.9
2944	9.8	95907.4	-4847.8	3034	9.8	100544.3	-4853.8	3124	9.5	101019.1	-4836.4	3214	9.0	101512.1	-4857.9
2945	8.4	95909.1	-4801.4	3035	9.8	100545.8	-4835.2	3125	9.7	101020.1	-4815.2	3215	9.5	101522.8	-4816.5
2946	9.8	95911.4	-4820.8	3036	9.7	100548.3	-4853.6	3126	9.8	101020.4	-4859.0	3216	9.6	101525.6	-4839.7
2947	9.8	95913.4	-4857.6	3037	9.8	100550.3	-4825.5	3127	9.6	101025.1	-4847.8	3217	9.6	101528.1	-4807.9
2948	9.8	95921.9	-4813.7	3038	9.8	100550.8	-4836.9	3128	9.8	101026.6	-4840.0	3218	9.8	101528.6	-4855.0
2949	9.8	95935.4	-4824.2	3039	9.7	100554.8	-4836.5	3129	9.8	101026.6	-4853.5	3219	9.7	101532.0	-4807.7
2950	9.6	95943.4	-4850.0	3040	9.8	100600.3	-4818.2	3130	9.8	101032.1	-4843.8	3220	9.8	101534.8	-4820.6
2951	9.5	95955.9	-4800.2	3041	9.8	100608.8	-4834.4	3131	9.8	101034.1	-4811.0	3221	9.8	101535.3	-4834.6
2952	9.6	95956.9	-4815.8	3042	9.8	100610.8	-4846.9	3132	8.0	101036.6	-4836.2	3222	9.4	101535.3	-4858.4
2953	9.8	100010.4	-4816.7	3043	9.8	100611.0	-4802.7	3133	9.0	101039.1	-4831.4	3223	9.8	101541.0	-4834.8
2954	9.6	100014.9	-4809.0	3044	9.8	100613.8	-4824.0	3134	9.5	101044.6	-4821.2	3224	10.0	101543.5	-4843.8
2955	9.5	100015.4	-4841.6	3045	9.8	100616.4	-4810.8	3135	9.6	101045.3	-4857.1	3225	10.0	101550.0	-4855.7
2956	9.4	100026.4	-4843.6	3046	9.8	100617.3	-4847.3	3136	9.2	101046.6	-4823.3	3226	10.0	101553.0	-4836.1
2957	9.8	100031.4	-4827.1	3047	9.0	100620.5	-4801.0	3137	9.4	101053.1	-4827.6	3227	9.2	101610.5	-4835.0
2958	9.4	100031.9	-4844.8	3048	9.8	100620.8	-4824.5	3138	9.6	101055.1	-4848.2	3228	9.4	101615.8	-4800.2
2959	9.4	100032.4	-4822.9	3049	9.6	100621.8	-4844.2	3139	9.8	101058.6	-4807.6	3229	10.0	101619.0	-4818.0
2960	9.8	100036.4	-4800.0	3050	8.6	100621.8	-4814.5	3140	9.8	101100.1	-4849.6	3230	9.5	101628.5	-4803.0
2961	9.0	100036.9	-4820.2	3051	8.8	100636.8	-4819.0	3141	9.6	101105.1	-4832.5	3231	9.4	101629.5	-4854.6
2962	9.6	100037.4	-4855.5	3052	9.5	100637.3	-4811.9	3142	9.8	101107.6	-4831.4	3232	10.0	101631.2	-4821.8
2963	9.5	100039.4	-4837.7	3053	9.8	100643.8	-4849.6	3143	9.1	101117.6	-4851.0	3233	8.8	101632.0	-4846.2
2964	9.8	100041.9	-4814.1	3054	9.3	100647.8	-4807.2	3144	9.6	101130.6	-4805.6	3234	10.0	101635.0	-4814.0
2965	9.8	100045.9	-4849.6	3055	9.8	100650.3	-4810.8	3145	9.6	101136.1	-4813.0	3235	10.0	101642.5	-4800.7
2966	9.6	100057.9	-4846.1	3056	9.6	100657.3	-4833.0	3146	9.8	101140.1	-4851.0	3236	10.0	101645.5	-4814.6
2967	9.6	100103.4	-4835.2	3057	9.6	100657.3	-4848.0	3147	9.7	101143.1	-4823.8	3237	9.6	101656.5	-4837.2
2968	8.6	100111.4	-4830.0	3058	9.3	100659.3	-4842.6	3148	9.3	101144.6	-4829.0	3238	9.8	101701.5	-4845.9
2969	9.4	100115.9	-4834.6	3059	9.4	100659.3	-4820.4	3149	9.4	101145.1	-4816.9	3239	8.0	101703.5	-4854.0
2970	9.6	100116.4	-4837.6	3060	9.5	100700.3	-4814.0	3150	9.5	101145.6	-4824.0	3240	9.4	101705.0	-4813.6
2971	9.5	100118.9	-4830.7	3061	9.8	100701.8	-4833.1	3151	8.8	101148.1	-4844.4	3241	8.0	101706.5	-4839.8
2972	8.5	100121.3	-4802.8	3062	9.8	100702.0	-4801.7	3152	9.8	101151.6	-4800.0	3242	10.0	101714.5	-4854.0
2973	9.5	100123.9	-4827.9	3063	9.8	100702.0	-4846.9	3153	9.8	101156.1	-4841.2	3243	10.0	101720.0	-4800.4
2974	9.6	100143.4	-4810.4	3064	9.8	100705.8	-4850.3	3154	9.8	101156.6	-4805.2	3244	10.0	101721.5	-4852.6
2975	9.5	100143.4	-4822.3	3065	9.5	100709.3	-4823.0	3155	9.8	101200.1	-4859.9	3245	10.0	101724.0	-4803.4
2976	9.8	100144.4	-4822.6	3066	9.8	100712.3	-4850.3	3156	9.6	101203.1	-4842.6	3246	9.3	101726.5	-4830.8
2977	9.0	100144.4	-4813.0	3067	8.3	100714.3	-4810.2	3157	9.8	101205.1	-4805.5	3247	9.0	101730.0	-4820.8
2978	9.6	100148.4	-4859.0	3068	9.0	100714.8	-4839.0	3158	9.0	101208.1	-4823.8	3248	10.0	101731.0	-4814.2
2979	9.0	100150.4	-4854.1	3069	9.3	100718.8	-4833.0	3159	9.7	101208.1	-4807.2	3249	10.0	101748.2	-4802.3
2980	9.3	100150.4	-4827.1	3070	9.8	100720.3	-4841.1	3160	9.8	101219.1	-4802.8	3250	9.4	101801.0	-4800.8
2981	9.4	100155.4	-4821.4	3071	9.3	100728.3	-4817.1	3161	9.4	101219.3	-4858.0	3251	10.0	101802.0	-4809.6
2982	9.5	100201.4	-4829.4	3072	9.8	100730.3	-4808.0	3162	9.8	101220.1	-4820.2	3252	10.0	101805.5	-4819.8
2983	9.6	100211.4	-4819.6	3073	9.8	100734.8	-4859.0	3163	9.8	101222.1	-4852.9	3253	9.4	101805.5	-4822.6
2984	9.5	100218.4	-4835.4	3074	9.5	100748.8	-4841.1	3164	9.8	101222.6	-4803.0	3254	10.0	101810.8	-4858.9
2985	9.8	100220.4	-4816.5	3075	9.4	100752.8	-4823.3	3165	9.6	101226.6	-4858.3	3255	9.4	101819.5	-4843.5
2986	9.8	100221.4	-4843.8	3076	9.6	100752.8	-4828.2	3166	9.8	101228.1	-4849.5	3256	10.0	101820.5	-4840.6
2987	9.7	100222.4	-4825.0	3077	8.9	100752.8	-4822.4	3167	9.8	101228.7	-4800.3	3257	9.8	101821.5	-4818.8
2988	9.8	100228.4	-4821.0	3078	9.8	100754.8	-4810.3	3168	9.8	101232.6	-4819.0	3258	8.8	101824.5	-4859.0
2989	9.6	100230.4	-4838.5	3079	9.6	100759.0	-4857.0	3169	9.8	101234.1	-4830.3	3259	9.2	101826.0	-4809.3
2990	9.7	100232.9	-4813.3	3080	9.1	100800.3	-4813.8	3170	9.7	101255.1	-4821.0	3260	10.0	101832.5	-4814.1
2991	9.6	100235.4	-4827.9	3081	9.6	100800.8	-4850.1	3171	9.5	101302.1	-4836.9	3261	8.7	101834.5	-4850.0
2992	9.7	100239.4	-4811.9	3082	9.8	100805.0	-4800.9	3172	8.4	101303.1	-4808.5	3262	8.8	101843.5	-4854.6
2993	9.5	100240.4	-4857.6	3083	9.6	100808.3	-4841.1	3173	9.2	101305.1	-4839.2	3263	9.2	101849.5	-4844.2
2994	9.7	100246.4	-4848.9	3084	9.5	100809.8	-4846.6	3174	9.7	101306.1	-4807.9	3264	8.9	101850.0	-4859.8
2995	9.0	100256.9	-4839.5	3085	9.8	100812.3	-4852.4	3175	9.8	101308.1	-4808.6	3265	9.8	101855.5	-4853.4
2996	9.8	100308.5	-4823.9	3086	9.4	100814.3	-4838.2	3176	9.8	101308.3	-4801.9	3266	9.0	101902.5	-4834.5
2997	9.6	100308.9	-4854.5	3087	9.8	100820.8	-4843.1	3177	9.8	101309.1	-4812.5	3267	9.4	101906.5	-4831.2
2998	9.4	100313.5	-4802.0	3088	9.8	100821.3	-4849.5	3178	9.1	101310.1	-4830.9	3268	10.0	101923.5	-4817.8
2999	9.8	100315.4	-4849.5	3089	9.5	100825.3	-4805.3	3179	9.6	101313.6	-4848.1	3269	9.8	101936.5	-4828.8
3000	9.8	100340.4	-4823.4	3090	9.5	100830.3	-4844.7	3180	9.8	101315.1	-4831.9	3270	9.4	101944.0	-4859.0
3001	9.8	100342.4	-4807.4	3091	9.8	100830.3	-4832.0	3181	9.4	101315.1	-4828.2	3271	9.2	101947.0	-4852.5
3002	9.8	100344.4	-4857.1	3092	9.8	100839.3	-4810.1	3182	9.8	101315.6	-4808.9	3272	10.0	101949.5	-4828.6
3003	9.5	100348.9	-4857.9	3093	9.6	100840.5	-4802.4	3183	9.2	101320.1	-4856.0	3273	8.9	101951.0	-4817.6
3004	9.1	100352.4	-4817.1	3094	9.7	100842.3	-4813.7	3184	9.5	101320.6	-4814.9	3274	9.6	101956.5	-4831.6
3005	9.8	100352.9	-483 .0	3095	9.6	100845.3	-4851.7	3185	9.7	101327.6	-4845.0	3275	10.0	102011.5	-4858.2
3006	9.2	100353.5	-4811.0	3096	9.6	100850.3	-4826.8	3186	9.1	101330.1	-4815.0	3276	10.0	102017.5	-4816.6
3007	9.4	100354.4	-4829.6	3097	9.4	100854.8	-4834.9	3187	9.4	101335.6	-4841.6	3277	10.0	102037.0	-4821.1
3008	9.5	100355.4	-4823.1	3098	9.8	100900.3	-4810.1	3188	9.8	101340.1	-4836.2	3278	10.0	102047.1	-4854.8
3009	9.8	100359.4	-4824.1	3099	9.8	100904.3	-4852.0	3189	9.4	101340.6	-4857.5	3279	10.0	102047.4	-4800.1
3010	8.1	100402.9	-4814.7	3100	8.5	100909.8	-4806.2	3190	9.5	101341.1	-4828.9	3280	9.4	102050.4	-4845.7
3011	9.4	100411.4	-4838.1	3101	9.8	100910.3	-4856.0	3191	9.8	101344.1	-4814.1	3281	9.8	102051.4	-4829.6
3012	9.0	100414.9	-4849.9	3102	9.6	100912.8	-4838.0	3192	9.7	101345.3	-4857.2	3282	9.8	102051.9	-4827.9
3013	9.8	100421.3	-4858.8	3103	9.5	100916.3	-4803.9	3193	9.8	101350.6	-4838.6	3283	9.8	102052.4	-4821.4
3014	9.8	100423.3	-4857.9	3104	9.8	100917.8	-4816.2	3194	9.6	101354.1	-4839.8	3284	9.8	102053.4	-4833.7
3015	9.8	100426.4	-4840.0	3105	9.5	100922.3	-4807.2	3195	9.8	101355.1	-4856.9	3285	9.4	102107.4	-4851.5
3016	9.8	100427.9	-4811.9	3106	9.6	100934.3	-4827.1	3196	9.7	101358.1	-4855.1	3286	10.0	102124.4	-4815.9
3017	9.6	100430.4	-4825.7	3107	9.6	100934.8	-4818.4	3197	9.8	101358.5	-4859.8	3287	10.0	102126.9	-4824.8
3018	9.8	100430.7	-4801.1	3108	9.7	100939.3	-4820.9	3198	9.5	101403.6	-4819.3	3288	9.8	102128.9	-4842.6
3019	9.4	100436.4	-4859.1	3109	9.8	100941.8	-4831.6	3199	9.3	101404.6	-4850.2	3289	9.8	102134.4	-4804.4
3020	9.8	100438.9	-4840.7	3110	9.8	100942.3	-4832.1	3200	9.3	101405.1	-4810.9	3290	10.0	102138.1	-4828.2
3021	9.6	100446.9	-4809.9	3111	9.6	100946.3	-4823.4	3201	9.6	101416.1	-4809.4	3291	9.6	102139.9	-4847.4

-48 3291 10h21m

-48 3292 10h21m

3292	9.5	102143.4	-4849.0	3382	9.3	102936.9	-4834.1	3472	9.8	103746.7	-4812.9	3562	9.7	104445.4	-4854.8
3293	9.8	102145.9	-4832.6	3383	8.8	102940.9	-4837.7	3473	9.8	103749.7	-4804.6	3563	9.3	104449.8	-4828.4
3294	9.7	102151.4	-4854.5	3384	9.6	102950.9	-4835.9	3474	9.4	103801.2	-4842.7	3564	10.0	104450.1	-4855.3
3295	9.6	102151.4	-4849.1	3385	10.0	102951.4	-4814.9	3475	10.0	103804.2	-4821.3	3565	8.4	104452.3	-4827.0
3296	9.7	102204.9	-4854.9	3386	9.7	102954.9	-4824.1	3476	9.6	103807.2	-4850.9	3566	10.0	104459.0	-4855.0
3297	10.0	102208.9	-4841.6	3387	9.6	102956.9	-4812.1	3477	8.8	103807.7	-4847.9	3567	10.0	104459.0	-4800.8
3298	10.0	102213.9	-4801.9	3388	10.0	102957.4	-4835.5	3478	10.0	103812.2	-4825.9	3568	10.0	104459.3	-4834.0
3299	10.0	102217.9	-4829.0	3389	9.7	103000.9	-4809.9	3479	9.5	103817.7	-4813.1	3569	10.0	104506.0	-4828.4
3300	10.0	102231.4	-4803.1	3390	9.7	103000.9	-4818.8	3480	10.0	103822.2	-4825.8	3570	9.8	104507.5	-4836.6
3301	9.0	102231.9	-4859.3	3391	10.0	103006.8	-4838.2	3481	10.0	103830.7	-4844.8	3571	9.2	104515.0	-4831.3
3302	9.8	102231.9	-4841.1	3392	9.8	103020.8	-4818.2	3482	10.0	103835.2	-4848.3	3572	10.2	104515.6	-4800.3
3303	10.0	102238.4	-4808.1	3393	9.4	103022.8	-4808.0	3483	10.0	103835.7	-4807.4	3573	10.2	104517.3	-4821.8
3304	8.8	102241.1	-4858.9	3394	10.0	103026.8	-4844.1	3484	9.6	103840.7	-4836.0	3574	9.8	104520.1	-4847.0
3305	8.2	102251.4	-4837.9	3395	9.3	103029.3	-4829.1	3485	9.8	103840.7	-4826.8	3575	10.0	104520.3	-4816.8
3306	7.8	102255.4	-4846.0	3396	10.0	103037.5	-4800.0	3486	8.2	103841.2	-4856.0	3576	10.3	104530.3	-4816.1
3307	9.4	102258.4	-4843.1	3397	7.8	103039.3	-4835.1	3487	8.0	103847.2	-4814.5	3577	8.0	104540.6	-4850.5
3308	9.6	102301.4	-4809.3	3398	9.2	103040.3	-4810.0	3488	9.6	103849.2	-4819.0	3578	10.3	104551.1	-4800.4
3309	9.7	102303.4	-4843.4	3399	9.7	103053.3	-4820.1	3489	9.5	103854.2	-4817.2	3579	10.0	104553.8	-4854.9
3310	10.0	102319.3	-4800.4	3400	10.0	103103.8	-4800.7	3490	9.8	103856.2	-4820.6	3580	10.3	104600.3	-4818.8
3311	9.8	102321.4	-4841.1	3401	10.0	103104.8	-4820.2	3491	9.4	103920.2	-4847.4	3581	10.0	104610.4	-4802.3
3312	9.6	102324.4	-4849.9	3402	9.0	103110.3	-4806.1	3492	9.2	103922.7	-4809.5	3582	9.3	104611.8	-4820.9
3313	9.7	102324.9	-4804.5	3403	10.0	103113.3	-4832.2	3493	10.0	103927.7	-4804.4	3583	10.0	104621.3	-4842.9
3314	9.8	102326.4	-4824.1	3404	9.8	103121.3	-4848.1	3494	9.3	103930.2	-4830.6	3584	7.2	104626.3	-4829.6
3315	9.6	102330.7	-4817.9	3405	9.6	103129.3	-4835.3	3495	8.7	103949.5	-4836.7	3585	10.0	104632.3	-4839.1
3316	9.8	102331.2	-4835.0	3406	9.4	103130.8	-4802.6	3496	9.8	103950.0	-4857.0	3586	10.2	104634.8	-4826.3
3317	10.0	102334.2	-4840.0	3407	10.0	103131.8	-4812.1	3497	9.8	103950.0	-4814.7	3587	10.3	104657.3	-4801.5
3318	10.0	102349.7	-4843.3	3408	9.8	103134.3	-4849.9	3498	10.0	103953.0	-4816.3	3588	9.8	104700.8	-4821.7
3319	8.1	102350.7	-4820.9	3409	9.8	103137.8	-4852.5	3499	9.6	103955.0	-4837.9	3589	10.0	104702.3	-4809.5
3320	10.0	102352.2	-4825.7	3410	10.0	103154.8	-4831.2	3500	10.0	104000.5	-4820.3	3590	10.2	104709.3	-4850.7
3321	9.0	102352.7	-4831.4	3411	9.7	103157.8	-4817.3	3501	9.7	104003.5	-4823.8	3591	10.0	104720.8	-4813.9
3322	10.0	102355.2	-4807.9	3412	10.0	103200.8	-4830.9	3502	9.5	104004.5	-4832.1	3592	10.2	104724.3	-4808.9
3323	8.5	102358.7	-4818.0	3413	8.8	103204.3	-4835.9	3503	9.2	104005.5	-4838.6	3593	10.3	104730.3	-4857.9
3324	9.8	102421.2	-4836.7	3414	10.0	103205.8	-4810.5	3504	8.9	104011.5	-4835.0	3594	9.8	104731.8	-4820.1
3325	9.6	102421.2	-4814.0	3415	9.4	103214.3	-4814.2	3505	10.0	104013.0	-4846.4	3595	10.0	104742.3	-4835.1
3326	9.8	102425.2	-4807.0	3416	9.3	103216.8	-4812.2	3506	10.0	104021.0	-4841.8	3596	10.2	104751.8	-4819.5
3327	9.5	102439.2	-4839.5	3417	10.0	103220.3	-4856.5	3507	9.8	104021.5	-4834.8	3597	10.3	104802.8	-4817.7
3328	9.5	102440.7	-4807.0	3418	9.3	103220.8	-4825.1	3508	10.0	104022.0	-4831.9	3598	9.8	104831.8	-4805.4
3329	10.0	102442.7	-4818.4	3419	10.0	103229.8	-4829.2	3509	9.0	104052.0	-4813.4	3599	8.8	104831.8	-4839.9
3330	10.0	102444.7	-4828.8	3420	10.0	103231.9	-4802.2	3510	9.0	104059.0	-4844.1	3600	9.5	104832.3	-4832.3
3331	9.5	102446.7	-4848.2	3421	9.0	103240.8	-4805.3	3511	9.8	104101.5	-4811.5	3601	9.8	104832.8	-4839.7
3332	9.5	102447.9	-4840.7	3422	10.0	103243.3	-4838.9	3512	9.8	104104.5	-4826.8	3602	10.3	104835.3	-4841.3
3333	9.5	102449.2	-4839.0	3423	8.4	103257.8	-4822.0	3513	10.0	104115.8	-4803.0	3603	8.5	104839.3	-4829.9
3334	9.7	102450.2	-4833.7	3424	9.7	103258.3	-4805.7	3514	9.8	104119.5	-4808.5	3604	10.3	104839.8	-4852.3
3335	9.4	102452.2	-4834.7	3425	9.8	103301.3	-4827.9	3515	10.0	104122.0	-4851.6	3605	10.3	104851.8	-4828.4
3336	10.0	102456.2	-4836.4	3426	10.0	103303.3	-4800.7	3516	4.9	104123.5	-4845.7	3606	10.0	104911.8	-4807.1
3337	9.8	102457.7	-4840.6	3427	10.0	103311.6	-4801.7	3517	9.8	104124.5	-4850.9	3607	10.2	104920.6	-4820.7
3338	10.0	102506.7	-4842.1	3428	10.0	103312.3	-4853.9	3518	9.8	104125.8	-4801.0	3608	9.8	104923.3	-4826.7
3339	9.8	102511.2	-4815.1	3429	9.8	103317.3	-4833.9	3519	10.0	104126.5	-4826.9	3609	10.0	104929.3	-4849.1
3340	10.0	102511.9	-4804.8	3430	10.0	103320.7	-4840.9	3520	10.0	104128.0	-4859.5	3610	10.2	104929.8	-4837.5
3341	9.2	102521.2	-4851.7	3431	10.0	103330.2	-4838.4	3521	8.9	104129.0	-4827.7	3611	10.0	104932.8	-4807.3
3342	9.7	102530.2	-4843.2	3432	8.9	103330.3	-4858.6	3522	10.0	104130.5	-4827.3	3612	10.3	04934.3	-4855.2
3343	9.4	102531.2	-4817.5	3433	10.0	103330.7	-4833.7	3523	8.8	104133.0	-4810.4	3613	10.0	04938.3	-4825.2
3344	9.8	102540.7	-4854.9	3434	10.0	103331.2	-4822.8	3524	10.0	104134.5	-4848.9	3614	9.6	04941.8	-4840.7
3345	10.0	102548.7	-4812.3	3435	9.5	103341.2	-4814.5	3525	9.5	104152.5	-4823.7	3615	9.8	04941.8	-4815.2
3346	9.8	102551.2	-4810.6	3436	9.4	103341.7	-4830.5	3526	9.7	104156.0	-4810.6	3616	10.2	104942.3	-4841.3
3347	10.0	102613.7	-4848.7	3437	9.0	103352.7	-4818.9	3527	9.7	104210.5	-4812.1	3617	9.5	105001.8	-4811.5
3348	9.2	102614.7	-4847.8	3438	9.0	103353.2	-4839.6	3528	9.4	104210.5	-4800.8	3618	10.2	105002.3	-4859.0
3349	9.8	102620.7	-4848.2	3439	9.3	103402.2	-4852.7	3529	9.8	104211.0	-4836.2	3619	8.4	105004.8	-4835.0
3350	9.7	102624.7	-4828.7	3440	9.5	103415.2	-4822.7	3530	9.7	104214.5	-4852.9	3620	9.3	105010.3	-4841.7
3351	9.0	102626.7	-4855.5	3441	10.0	103420.7	-4806.1	3531	9.8	104219.5	-4847.5	3621	10.2	105026.3	-4821.2
3352	10.0	102648.7	-4854.6	3442	10.0	103425.5	-4857.4	3532	10.0	104220.0	-4826.6	3622	8.8	105041.8	-4853.1
3353	9.6	102653.4	-4836.9	3443	8.2	103427.7	-4820.7	3533	9.6	104222.5	-4813.5	3623	10.0	105044.8	-4831.7
3354	8.4	102657.9	-4848.6	3444	10.0	103432.2	-4820.9	3534	10.0	104233.0	-4825.3	3624	10.0	105051.3	-4826.5
3355	10.0	102700.4	-4835.8	3445	9.7	103432.2	-4835.1	3535	10.0	104249.0	-4838.0	3625	10.3	105055.8	-4823.1
3356	9.7	102710.4	-4812.2	3446	8.4	103442.2	-4837.7	3536	9.7	104251.5	-4838.0	3626	10.0	105141.8	-4803.8
3357	9.4	102730.9	-4812.2	3447	10.2	103446.0	-4801.3	3537	9.7	104251.8	-4827.5	3627	10.3	105141.8	-4850.1
3358	9.8	102740.9	-4848.3	3448	9.2	103447.2	-4840.1	3538	9.8	104256.3	-4846.1	3628	8.4	105155.8	-4843.1
3359	9.5	102744.4	-4804.4	3449	10.0	103450.7	-4804.9	3539	10.0	104256.3	-4850.0	3629	9.8	105209.3	-4849.2
3360	10.0	102756.9	-4850.3	3450	10.0	103451.2	-4800.2	3540	9.8	104257.8	-4842.6	3630	10.2	105234.7	-4839.6
3361	10.0	102759.4	-4831.3	3451	9.3	103459.7	-4849.7	3541	9.8	104307.8	-4826.5	3631	10.2	105234.7	-4827.2
3362	9.4	102807.9	-4839.1	3452	9.2	103512.7	-4819.9	3542	10.0	104308.8	-4830.5	3632	10.2	105238.8	-4836.1
3363	9.8	102821.4	-4851.3	3453	9.5	103516.2	-4841.9	3543	10.0	104312.3	-4841.4	3633	10.2	105249.3	-4847.2
3364	9.8	102830.9	-4829.6	3454	9.5	103516.7	-4851.5	3544	9.8	104318.1	-4842.7	3634	10.2	105312.3	-4830.0
3365	10.0	102830.9	-4808.2	3455	9.5	103540.2	-4844.7	3545	9.8	104327.8	-4843.0	3635	10.2	105322.3	-4826.1
3366	9.8	102841.4	-4840.2	3456	9.2	103540.7	-4819.9	3546	10.0	104330.8	-4806.5	3636	10.0	105326.3	-4853.3
3367	9.7	102847.4	-4848.8	3457	9.8	103544.7	-4836.3	3547	10.0	104335.8	-4813.0	3637	10.0	105331.3	-4807.4
3368	9.0	102849.4	-4841.8	3458	10.2	103544.8	-4801.0	3548	10.0	104339.3	-4809.6	3638	9.3	105337.3	-4813.0
3369	10.0	102850.4	-4838.1	3459	9.7	103547.7	-4837.5	3549	9.4	104339.8	-4827.9	3639	8.4	105404.3	-4846.2
3370	10.0	102850.9	-4805.5	3460	9.8	103606.7	-4823.9	3550	9.4	104343.3	-4835.4	3640	10.3	105408.3	-4844.2
3371	10.0	102857.4	-4838.4	3461	9.5	103607.0	-4858.5	3551	9.4	104343.5	-4802.4	3641	10.0	105411.3	-4824.9
3372	9.2	102904.9	-4804.1	3462	10.0	103614.2	-4816.8	3552	8.4	104349.3	-4856.2	3642	10.0	105414.3	-4822.5
3373	9.8	102905.4	-4837.2	3463	9.8	103618.7	-4834.2	3553	9.8	104350.3	-4832.4	3643	9.3	105424.8	-4826.1
3374	9.8	102907.4	-4846.2	3464	9.5	103619.2	-4851.4	3554	10.0	104401.8	-4852.9	3644	10.3	105430.3	-4825.2
3375	9.7	102908.9	-4806.6	3465	9.8	103634.7	-4856.4	3555	9.4	104410.8	-4823.4	3645	10.2	105430.8	-4847.6
3376	9.7	102910.9	-4819.0	3466	9.4	103642.2	-4824.5	3556	9.4	104411.8	-4839.6	3646	10.2	105446.8	-4833.0
3377	8.9	102911.4	-4851.4	3467	10.0	103651.2	-4869.0	3557	10.0	104417.3	-4850.3	3647	8.4	105447.3	-4858.1
3378	10.0	102911.4	-4815.6	3468	10.0	103721.7	-4835.3	3558	10.0	104418.2	-4853.9	3648	8.4	105459.8	-4839.9
3379	9.0	102917.4	-4837.2	3469	10.0	103740.0	-4858.7	3559	10.0	104422.5	-4801.3	3649	8.6	105500.8	-4819.9
3380	10.0	102923.4	-4807.3	3470	8.4	103741.7	-4824.2	3560	9.0	104435.6	-4844.3	3650	10.3	105508.8	-4847.1
3381	9.6	102927.4	-4812.7	3471	10.0	103743.2	-4822.4	3561	10.0	104440.8	-4805.5	3651	9.3	105512.3	-4803.6

-48 3651 10h55m

C-4

-48 3652 10h55m

-48 4011 11h22m

3652	8.0	105518.8	-4820.8	3742	10.2	110221.8	-4803.4	3832	9.8	110909.3	-4805.0	3922	8.9	111638.0	-4856.3
3653	9.8	105530.8	-4819.2	3743	10.2	110229.3	-4804.1	3833	9.8	110911.8	-4843.5	3923	9.4	111642.5	-4850.9
3654	10.3	105543.1	-4841.6	3744	10.3	110229.8	-4839.2	3834	10.0	110923.6	-4800.5	3924	9.0	111644.0	-4805.4
3655	10.0	105543.3	-4826.6	3745	8.5	110241.3	-4842.7	3835	10.0	110929.8	-4820.5	3925	9.6	111651.5	-4827.7
3656	10.0	105544.8	-4811.1	3746	10.2	110244.8	-4827.4	3836	9.8	110930.8	-4814.1	3926	9.4	111700.0	-4842.2
3657	10.0	105548.8	-4810.4	3747	9.8	110251.3	-4809.5	3837	9.8	110931.0	-4858.8	3927	9.9	111703.0	-4806.5
3658	9.4	105549.8	-4940.4	3748	10.3	110252.8	-4858.3	3838	9.8	110931.3	-4855.4	3928	9.6	111710.5	-4802.9
3659	10.2	105559.8	-4838.1	3749	8.3	110302.3	-4859.1	3839	9.8	110931.3	-4828.2	3929	9.7	111715.0	-4809.4
3660	10.2	105600.8	-4828.0	3750	9.8	110307.3	-4842.5	3840	9.2	110941.3	-4856.7	3930	9.2	111724.5	-4840.4
3661	10.2	105604.8	-4812.7	3751	9.6	110310.8	-4823.1	3841	10.3	110941.3	-4800.6	3931	9.3	111728.0	-4816.6
3662	9.8	105609.5	-4858.7	3752	9.4	110312.3	-4837.9	3842	10.0	110954.8	-4806.0	3932	9.6	111748.0	-4827.4
3663	9.2	105611.3	-4805.8	3753	10.2	110320.3	-4843.2	3843	9.4	110957.8	-4820.8	3933	9.6	111754.9	-4801.2
3664	10.3	105615.3	-4814.1	3754	10.0	110320.8	-4856.1	3844	9.8	111000.3	-4825.9	3934	9.6	111759.0	-4832.3
3665	10.0	105617.8	-4821.1	3755	9.3	110320.8	-4835.5	3845	10.0	111000.8	-4821.9	3935	9.2	111801.5	-4854.0
3666	9.8	105625.3	-4828.4	3756	10.3	110320.8	-4851.7	3846	10.2	111001.8	-4823.7	3936	9.8	111804.5	-4858.9
3667	10.2	105630.6	-4801.0	3757	10.3	110321.0	-4847.0	3847	9.6	111004.3	-4813.7	3937	9.7	111807.0	-4812.6
3668	9.8	105634.8	-4849.0	3758	10.2	110329.3	-4853.6	3848	10.2	111012.3	-4851.5	3938	9.2	111810.5	-4800.3
3669	7.7	105638.3	-4807.6	3759	9.8	110330.8	-4805.4	3849	10.0	111023.8	-4852.0	3939	9.7	111813.0	-4852.9
3670	9.8	105641.3	-4859.4	3760	9.8	110334.8	-4804.4	3850	10.3	111028.8	-4805.1	3940	9.7	111814.0	-4843.2
3671	9.4	105643.8	-4848.6	3761	10.0	110341.3	-4802.0	3851	9.6	111032.8	-4808.2	3941	9.4	111814.0	-4830.6
3672	9.8	105645.8	-4845.1	3762	10.0	110345.3	-4808.8	3852	9.6	111037.8	-4826.6	3942	9.0	111815.5	-4849.0
3673	9.5	105652.3	-4812.1	3763	9.8	110348.8	-4806.8	3853	9.8	111040.8	-4840.8	3943	9.9	111818.5	-4842.1
3674	9.8	105652.8	-4838.7	3764	9.8	110351.3	-4809.5	3854	10.0	111050.3	-4820.8	3944	9.9	111821.5	-4819.1
3675	10.2	105652.8	-4810.4	3765	9.8	110356.8	-4832.1	3855	10.0	111051.3	-4800.9	3945	9.9	111822.5	-4816.0
3676	9.8	105709.6	-4800.1	3766	9.8	110357.8	-4825.8	3856	9.8	111058.3	-4831.9	3946	9.8	111823.0	-4827.9
3677	9.2	105715.0	-4859.9	3767	10.0	110358.8	-4857.4	3857	9.0	111100.3	-4846.4	3947	9.9	111828.4	-4839.3
3678	9.8	105724.3	-4806.5	3768	8.9	110401.3	-4829.5	3858	10.2	111100.8	-4844.8	3948	9.2	111833.5	-4843.0
3679	9.8	105724.3	-4815.8	3769	9.8	110401.3	-4830.6	3859	10.0	111110.8	-4833.5	3949	9.6	111849.5	-4812.6
3680	9.8	105727.8	-4823.6	3770	8.9	110411.3	-4829.9	3860	10.0	111115.3	-4808.7	3950	9.5	111852.5	-4813.6
3681	9.8	105735.8	-4853.2	3771	9.6	110413.3	-4810.8	3861	10.3	111120.8	-4854.7	3951	9.7	111852.8	-4859.7
3682	10.0	105737.8	-4800.1	3772	10.0	110413.8	-4811.3	3862	8.4	111127.5	-4857.7	3952	9.7	111853.0	-4856.6
3683	9.8	105739.8	-4812.0	3773	9.5	110429.8	-4852.4	3863	9.8	111130.5	-4859.7	3953	9.5	111853.0	-4844.4
3684	9.8	105741.3	-4835.4	3774	9.4	110436.8	-4833.2	3864	10.0	111131.3	-4834.0	3954	8.7	111904.5	-4821.1
3685	10.2	105748.8	-4832.8	3775	10.3	110444.0	-4801.3	3865	9.5	111138.8	-4848.1	3955	9.6	111910.5	-4818.0
3686	9.4	105749.3	-4819.4	3776	10.0	110445.8	-4813.6	3866	10.2	111144.8	-4832.1	3956	9.5	111910.5	-4822.8
3687	9.8	105753.8	-4804.6	3777	9.8	110447.3	-4841.3	3867	9.8	111149.8	-4829.5	3957	9.9	111912.8	-4857.7
3688	9.8	105756.3	-4853.4	3778	10.3	110448.3	-4849.0	3868	10.2	111210.3	-4830.8	3958	9.6	111915.5	-4834.6
3689	10.0	105759.8	-4837.5	3779	10.0	110451.8	-4816.4	3869	8.6	111212.8	-4853.1	3959	9.7	111919.0	-4837.5
3690	9.8	105801.3	-4810.5	3780	9.0	110453.3	-4835.6	3870	10.3	111229.8	-4836.4	3960	9.4	111926.5	-4837.5
3691	10.3	105812.3	-4807.4	3781	10.3	110453.3	-4852.6	3871	10.0	111231.3	-4848.9	3961	9.9	111926.5	-4806.5
3692	10.3	105813.3	-4831.1	3782	9.1	110459.3	-4821.1	3872	7.5	111231.8	-4806.3	3962	9.7	111931.0	-4835.2
3693	9.8	105815.6	-4802.6	3783	7.4	110459.8	-4858.5	3873	9.8	111240.1	-4858.8	3963	9.6	111936.0	-4845.0
3694	10.0	105822.3	-4804.2	3784	8.9	110500.8	-4831.4	3874	10.0	111240.3	-4843.4	3964	9.4	111940.5	-4855.5
3695	9.6	105834.3	-4843.4	3785	10.0	110505.8	-4824.3	3875	9.2	111243.8	-4801.8	3965	9.7	111944.5	-4852.0
3696	10.2	105834.8	-4815.2	3786	10.3	110508.3	-4840.7	3876	9.6	111258.3	-4852.2	3966	9.6	111947.0	-4851.3
3697	10.0	105841.3	-4814.9	3787	10.0	110508.8	-4802.7	3877	10.3	111309.3	-4828.2	3967	9.8	111949.3	-4854.8
3698	9.6	105858.3	-4812.4	3788	9.6	110529.8	-4837.4	3878	9.2	111311.8	-4801.7	3968	9.6	111950.5	-4834.6
3699	10.3	105904.8	-4850.2	3789	9.4	110529.8	-4828.6	3879	9.1	111313.8	-4840.1	3969	9.9	111959.0	-4830.3
3700	8.4	105909.8	-4825.8	3790	10.0	110530.3	-4856.8	3880	9.8	111316.8	-4820.5	3970	9.6	112000.5	-4829.8
3701	9.8	105910.8	-4822.3	3791	9.6	110543.3	-4834.4	3881	9.0	111327.3	-4811.4	3971	9.0	112004.5	-4820.4
3702	10.2	105911.8	-4826.0	3792	8.9	110545.3	-4810.3	3882	10.0	111329.8	-4848.6	3972	9.9	112005.0	-4855.9
3703	10.0	105912.3	-4805.2	3793	10.5	110550.3	-4851.1	3883	9.4	111335.8	-4848.8	3973	9.7	112010.0	-4802.2
3704	10.3	105912.3	-4806.1	3794	10.2	110555.3	-4820.7	3884	10.2	111346.8	-4827.9	3974	9.8	112014.5	-4809.9
3705	9.0	105923.8	-4838.1	3795	10.0	110600.8	-4817.2	3885	10.2	111351.8	-4847.0	3975	9.2	112026.5	-4850.9
3706	9.4	105923.8	-4846.0	3796	9.8	110605.3	-4805.5	3886	10.0	111356.3	-4804.1	3976	9.6	112032.0	-4847.4
3707	9.8	105924.3	-4843.3	3797	9.8	110611.3	-4841.0	3887	10.3	111400.8	-4858.9	3977	9.5	112042.0	-4832.5
3708	10.3	105927.8	-4803.9	3798	9.5	110622.3	-4821.1	3888	10.2	111403.3	-4816.1	3978	9.7	112044.0	-4848.5
3709	9.8	105927.8	-4853.2	3799	9.6	110632.8	-4818.7	3889	10.2	111420.6	-4858.5	3979	9.4	112047.0	-4809.5
3710	9.3	105928.8	-4816.0	3800	10.2	110638.8	-4805.4	3890	10.3	111421.5	-4801.1	3980	9.9	112051.0	-4825.5
3711	6.8	105929.3	-4843.1	3801	10.3	110643.3	-4823.8	3891	9.0	111422.8	-4850.8	3981	9.7	112053.0	-4828.9
3712	8.6	105930.8	-4841.7	3802	10.0	110644.8	-4812.8	3892	10.3	111435.3	-4822.5	3982	9.6	112055.5	-4847.0
3713	10.0	105931.8	-4803.6	3803	6.6	110651.3	-4825.2	3893	8.4	111439.8	-4823.3	3983	9.9	112100.5	-4854.0
3714	10.0	105934.8	-4839.4	3804	9.8	110654.8	-4839.1	3894	10.2	111440.3	-4816.7	3984	9.9	112101.5	-4846.6
3715	9.8	105938.3	-4825.9	3805	10.2	110710.3	-4837.5	3895	10.2	111440.8	-4817.4	3985	9.9	112108.0	-4825.7
3716	9.8	105947.3	-4807.7	3806	10.3	110715.3	-4858.7	3896	10.2	111446.4	-4806.4	3986	9.8	112109.0	-4806.2
3717	8.9	105948.8	-4830.8	3807	10.2	110732.3	-4810.5	3897	10.2	111447.8	-4820.9	3987	9.6	112110.5	-4814.6
3718	7.9	105950.3	-4856.5	3808	9.8	110733.3	-4848.9	3898	10.0	111449.0	-4844.5	3988	9.7	112129.5	-4801.2
3719	9.6	105951.3	-4804.0	3809	10.2	110733.8	-4837.1	3899	9.8	111449.3	-4853.8	3989	9.6	112132.0	-4844.9
3720	9.8	105955.3	-4843.6	3810	10.2	110733.8	-4806.8	3900	9.6	111451.8	-4835.3	3990	8.5	112142.0	-4851.9
3721	9.6	105958.8	-4849.9	3811	10.2	110734.8	-4818.9	3901	10.2	111453.3	-4825.3	3991	9.7	112147.5	-4806.8
3722	9.8	110007.8	-4802.5	3812	10.3	110739.3	-4807.2	3902	10.3	111453.3	-4809.6	3992	9.5	112148.0	-4811.0
3723	10.2	110009.8	-4818.0	3813	10.2	110740.8	-4804.7	3903	10.4	111455.7	-4800.8	3993	9.0	112149.0	-4837.0
3724	10.2	110011.3	-4808.0	3814	9.3	110749.3	-4845.1	3904	10.3	111456.3	-4835.1	3994	9.9	112151.0	-4816.0
3725	10.0	110023.3	-4830.5	3815	9.2	110752.3	-4814.5	3905	10.0	111515.9	-4842.9	3995	9.9	112155.5	-4841.2
3726	9.6	110038.8	-4807.2	3816	10.0	110752.8	-4833.4	3906	10.3	111521.3	-4807.6	3996	9.8	112201.0	-4833.9
3727	8.9	110038.8	-4849.2	3817	10.2	110759.8	-4822.0	3907	8.4	111536.5	-4837.1	3997	9.6	112202.5	-4822.3
3728	10.0	110051.1	-4800.0	3818	10.0	110803.3	-4813.2	3908	9.6	111538.0	-4842.2	3998	9.9	112203.5	-4804.6
3729	10.3	110051.3	-4851.9	3819	9.8	110807.8	-4823.1	3909	7.6	111550.5	-4805.3	3999	9.7	112205.0	-4815.5
3730	10.2	110108.8	-4801.2	3820	10.0	110810.3	-4811.7	3910	9.9	111555.0	-4858.9	4000	9.6	112207.8	-4801.4
3731	9.6	110117.3	-4846.8	3821	10.2	110810.3	-4817.3	3911	9.6	111559.0	-4832.6	4001	9.3	112209.8	-4800.7
3732	9.6	110121.3	-4840.1	3822	9.4	110816.3	-4808.7	3912	7.9	111559.5	-4815.5	4002	9.8	112214.0	-4836.9
3733	10.2	110132.4	-4844.4	3823	9.8	110821.3	-4831.0	3913	9.6	111606.5	-4803.6	4003	9.4	112218.0	-4822.4
3734	10.0	110133.8	-4818.2	3824	10.0	110821.3	-4804.0	3914	9.9	111607.0	-4807.5	4004	9.9	112220.8	-4858.9
3735	9.6	110140.3	-4808.3	3825	10.0	110828.3	-4836.8	3915	9.9	111610.2	-4803.8	4005	9.9	112221.5	-4837.5
3736	10.0	110140.3	-4833.4	3826	10.0	110841.8	-4829.5	3916	9.7	111612.5	-4846.1	4006	9.4	112223.5	-4851.7
3737	10.2	110142.8	-4844.1	3827	9.6	110851.3	-4811.7	3917	9.8	111621.5	-4806.6	4007	9.7	112238.4	-4859.1
3738	10.0	110149.3	-4847.8	3828	9.6	110851.3	-4823.3	3918	9.9	111622.5	-4828.8	4008	9.3	112241.0	-4817.7
3739	9.8	110213.3	-4810.8	3829	9.8	110854.3	-4815.9	3919	9.0	111625.5	-4815.5	4009	9.1	112244.0	-4822.0
3740	10.2	110219.2	-4859.0	3830	8.2	110903.3	-4828.9	3920	8.7	111634.0	-4845.7	4010	9.7	112246.5	-4849.9
3741	10.0	110220.3	-4807.8	3831	9.8	110907.3	-4855.0	3921	9.9	111636.0	-4823.9	4011	9.9	112253.5	-4821.5

-48 4012 11h23m

-48 4371 11h52m

4012	9.6	112310.5	-4854.7	4102	9.5	113125.5	-4840.7	4192	9.9	113953.0	-4811.9	4282	10.0	114645.4	-4857.6
4013	9.9	112312.0	-4812.8	4103	9.9	113140.0	-4841.9	4193	9.9	113956.0	-4829.6	4283	10.1	114646.9	-4837.8
4014	9.6	112316.5	-4818.4	4104	9.0	113144.5	-4814.0	4194	9.9	113958.5	-4807.0	4284	10.1	114647.4	-4825.7
4015	9.8	112326.5	-4815.7	4105	9.4	113150.5	-4814.3	4195	9.3	114000.0	-4832.5	4285	9.9	114651.5	-4859.6
4016	8.5	112330.0	-4809.4	4106	9.6	113151.0	-4814.5	4196	9.7	114002.5	-4801.5	4286	10.0	114652.4	-4814.3
4017	9.5	112355.0	-4829.0	4107	9.0	113202.0	-4825.0	4197	9.7	114002.5	-4814.0	4287	9.5	114652.4	-4806.6
4018	9.4	112359.5	-4840.9	4108	9.7	113231.5	-4822.0	4198	9.2	114006.5	-4850.8	4288	10.0	114652.9	-4810.5
4019	9.6	112406.0	-4847.8	4109	9.9	113237.0	-4838.4	4199	9.0	114019.2	-4859.1	4289	10.1	114707.9	-4852.9
4020	9.7	112409.0	-4851.1	4110	9.6	113245.0	-4831.7	4200	9.9	114027.5	-4801.2	4290	10.0	114713.9	-4825.5
4021	8.1	112415.0	-4857.7	4111	9.2	113246.5	-4818.3	4201	8.8	114032.0	-4808.9	4291	8.0	114714.9	-4832.0
4022	9.5	112422.0	-4828.9	4112	9.4	113254.5	-4802.7	4202	9.0	114036.5	-4827.2	4292	9.8	114716.9	-4853.6
4023	9.9	112424.5	-4834.4	4113	9.8	113255.5	-4823.9	4203	9.7	114045.0	-4815.5	4293	9.8	114717.9	-4846.8
4024	9.5	112425.0	-4813.9	4114	9.6	113321.5	-4832.7	4204	9.0	114047.0	-4843.2	4294	8.7	114720.9	-4817.0
4025	9.4	112430.5	-4837.3	4115	9.9	113323.5	-4802.7	4205	9.5	114048.2	-4857.1	4295	9.8	114721.3	-4858.1
4026	9.5	112435.0	-4813.9	4116	9.7	113328.0	-4829.4	4206	9.4	114050.0	-4803.7	4296	10.1	114721.6	-4858.4
4027	9.7	112445.0	-4824.7	4117	9.9	113339.5	-4810.0	4207	9.6	114054.5	-4858.7	4297	8.1	114722.9	-4837.5
4028	9.8	112450.0	-4802.3	4118	9.6	113340.0	-4858.0	4208	9.2	114055.0	-4829.1	4298	9.8	114726.9	-4841.2
4029	9.4	112502.1	-4801.1	4119	9.8	113342.5	-4831.9	4209	9.7	114056.0	-4852.8	4299	9.3	114727.9	-4847.6
4030	9.6	112506.5	-4849.8	4120	9.3	113350.0	-4845.2	4210	9.1	114059.0	-4847.6	4300	9.8	114729.9	-4830.0
4031	9.7	112514.0	-4801.5	4121	9.0	113350.0	-4827.8	4211	9.7	114100.0	-4857.7	4301	10.1	114733.4	-4804.6
4032	9.6	112516.7	-4843.3	4122	9.5	113359.0	-4838.7	4212	9.8	114108.5	-4838.5	4302	10.1	114736.4	-4818.7
4033	9.3	112518.2	-4802.1	4123	9.1	113402.0	-4813.1	4213	9.7	114122.0	-4802.6	4303	10.1	114736.9	-4817.5
4034	9.9	112518.5	-4847.7	4124	9.9	113403.0	-4852.4	4214	9.6	114124.0	-4802.1	4304	10.1	114739.9	-4803.6
4035	9.2	112520.0	-4858.9	4125	8.5	113409.0	-4826.7	4215	9.6	114125.0	-4859.8	4305	10.0	114747.4	-4803.6
4036	9.9	112520.6	-4840.4	4126	7.9	113418.5	-4828.4	4216	9.4	114132.0	-4851.9	4306	10.1	114748.9	-4820.8
4037	9.7	112522.0	-4845.4	4127	9.4	113420.0	-4805.6	4217	9.6	114140.7	-4832.6	4307	8.9	114749.9	-4829.1
4038	8.7	112526.5	-4822.7	4128	9.9	113421.0	-4853.0	4218	9.9	114141.0	-4829.0	4308	10.1	114801.4	-4806.8
4039	9.9	112527.0	-4837.1	4129	9.9	113431.5	-4845.2	4219	9.4	114148.5	-4815.9	4309	10.0	114805.4	-4858.5
4040	9.7	112527.5	-4820.3	4130	8.2	113433.5	-4849.0	4220	9.1	114151.5	-4820.1	4310	9.2	114809.9	-4814.6
4041	9.0	112527.5	-4846.5	4131	9.0	113438.5	-4804.6	4221	9.7	114152.0	-4845.9	4311	9.4	114810.9	-4842.4
4042	9.6	112531.0	-4833.7	4132	9.6	113447.0	-4814.7	4222	9.7	114153.0	-4826.9	4312	9.6	114811.9	-4837.9
4043	9.6	112532.4	-4800.1	4133	9.5	113454.0	-4838.2	4223	9.7	114159.0	-4809.3	4313	9.6	114813.9	-4826.8
4044	9.9	112535.0	-4834.3	4134	9.7	113500.0	-4845.7	4224	9.1	114200.0	-4827.7	4314	9.9	114821.9	-4811.1
4045	8.9	112540.5	-4844.6	4135	9.9	113501.4	-4857.3	4225	8.7	114204.5	-4813.7	4315	9.9	114822.9	-4853.9
4046	9.4	112543.0	-4844.5	4136	9.8	113514.0	-4859.2	4226	9.5	114205.5	-4810.2	4316	10.1	114825.4	-4849.9
4047	9.6	112544.5	-4848.9	4137	9.9	113518.8	-4840.4	4227	9.9	114210.0	-4847.5	4317	9.8	114831.9	-4850.9
4048	9.7	112549.5	-4851.1	4138	9.6	113520.0	-4801.5	4228	9.7	114218.0	-4851.3	4318	10.1	114835.4	-4813.3
4049	9.7	112550.5	-4849.6	4139	9.5	113520.0	-4851.0	4229	9.9	114221.0	-4832.9	4319	10.0	114841.9	-4813.8
4050	9.8	112553.0	-4850.0	4140	9.8	113530.0	-4803.4	4230	9.6	114229.0	-4813.1	4320	9.8	114843.4	-4822.1
4051	9.4	112602.0	-4807.0	4141	9.4	113543.0	-4856.3	4231	9.6	114230.0	-4848.5	4321	8.4	114844.9	-4802.7
4052	9.4	112603.5	-4821.2	4142	9.6	113547.5	-4843.6	4232	9.9	114230.0	-4858.9	4322	10.0	114848.9	-4821.4
4053	9.7	112614.5	-4837.8	4143	9.4	113554.0	-4855.4	4233	9.9	114232.3	-4857.0	4323	9.9	114851.4	-4856.3
4054	9.4	112629.0	-4811.1	4144	9.3	113558.5	-4836.1	4234	9.6	114236.5	-4818.7	4324	10.1	114903.9	-4854.5
4055	9.0	112631.5	-4807.5	4145	9.4	113559.5	-4822.0	4235	9.4	114242.0	-4856.3	4325	9.8	114905.9	-4829.0
4056	9.6	112642.0	-4814.4	4146	8.7	113610.0	-4851.1	4236	9.7	114244.0	-4812.3	4326	10.1	114907.9	-4841.4
4057	9.8	112650.0	-4840.1	4147	9.9	113638.8	-4849.3	4237	9.6	114247.5	-4824.7	4327	10.1	114911.9	-4832.1
4058	9.9	112701.0	-4822.0	4148	9.4	113639.0	-4830.0	4238	9.4	114258.5	-4815.3	4328	10.0	114919.9	-4841.0
4059	9.6	112720.6	-4800.1	4149	9.8	113640.0	-4856.7	4239	8.1	114303.5	-4837.3	4329	9.6	114944.9	-4850.7
4060	9.9	112721.5	-4853.2	4150	9.5	113650.0	-4811.2	4240	9.9	114309.3	-4859.5	4330	9.9	114949.4	-4815.4
4061	9.5	112738.5	-4818.2	4151	9.7	113654.0	-4858.6	4241	9.8	114312.0	-4850.0	4331	10.0	114950.4	-4840.8
4062	9.8	112743.0	-4835.9	4152	9.6	113707.3	-4816.7	4242	9.9	114316.0	-4856.5	4332	9.8	114952.4	-4829.7
4063	9.9	112753.5	-4855.9	4153	9.9	113717.0	-4853.1	4243	9.6	114321.7	-4800.1	4333	8.5	115007.9	-4806.0
4064	9.9	112755.0	-4845.6	4154	9.8	113730.0	-4854.5	4244	9.5	114324.5	-4838.3	4334	10.0	115012.9	-4817.7
4065	9.9	112756.5	-4815.8	4155	9.9	113731.5	-4807.5	4245	9.8	114328.5	-4808.3	4335	9.9	115013.9	-4836.9
4066	8.1	112759.5	-4807.5	4156	9.8	113732.0	-4851.5	4246	9.8	114341.5	-4843.5	4336	10.0	115019.9	-4848.0
4067	9.0	112810.9	-4802.9	4157	9.6	113740.0	-4842.6	4247	9.6	114342.0	-4828.6	4337	9.2	115028.9	-4835.8
4068	8.6	112814.5	-4816.7	4158	9.1	113743.0	-4824.3	4248	9.5	114348.5	-4853.8	4338	9.7	115030.6	-4859.7
4069	9.6	112817.5	-4808.8	4159	9.1	113743.5	-4806.2	4249	9.9	114351.0	-4853.5	4339	9.7	115034.4	-4808.9
4070	9.9	112818.6	-4839.2	4160	9.4	113753.5	-4800.1	4250	9.7	114353.2	-4859.2	4340	9.9	115035.9	-4818.8
4071	9.2	112821.0	-4843.7	4161	9.9	113756.5	-4801.1	4251	8.2	114354.2	-4850.9	4341	9.8	115036.9	-4841.8
4072	9.6	112830.0	-4838.6	4162	9.9	113757.0	-4851.7	4252	9.9	114401.7	-4823.2	4342	9.7	115041.4	-4848.0
4073	9.9	112839.5	-4817.6	4163	9.4	113759.7	-4858.3	4253	9.9	114403.2	-4837.5	4343	10.0	115044.9	-4834.0
4074	7.6	112858.5	-4827.0	4164	9.7	113800.0	-4824.7	4254	9.6	114407.5	-4854.9	4344	10.1	115046.6	-4813.7
4075	9.8	112901.0	-4800.0	4165	9.4	113805.0	-4849.3	4255	9.9	114411.9	-4856.9	4345	8.5	115058.1	-4802.8
4076	9.2	112902.0	-4803.9	4166	9.9	113809.5	-4804.3	4256	9.7	114422.7	-4815.9	4346	9.5	115102.4	-4809.5
4077	9.6	112912.5	-4819.4	4167	9.6	113814.5	-4844.2	4257	10.1	114431.9	-4801.8	4347	7.6	115103.4	-4839.7
4078	9.2	112931.5	-4843.7	4168	9.9	113814.5	-4802.6	4258	10.0	114446.9	-4820.5	4348	10.0	115109.4	-4804.1
4079	9.6	112931.5	-4833.5	4169	9.4	113815.0	-4823.2	4259	9.8	114448.7	-4802.5	4349	9.8	115109.6	-4814.9
4080	9.6	112932.5	-4836.1	4170	8.9	113815.5	-4800.0	4260	9.7	114450.5	-4849.0	4350	10.1	115110.4	-4850.3
4081	9.4	112936.0	-4820.1	4171	9.9	113819.0	-4855.1	4261	9.3	114500.2	-4858.0	4351	10.0	115111.9	-4808.1
4082	9.7	112940.5	-4836.0	4172	9.9	113826.0	-4825.4	4262	10.1	114504.4	-4825.2	4352	10.0	115111.9	-4806.5
4083	9.0	112941.7	-4838.4	4173	8.0	113830.0	-4827.0	4263	10.1	114508.9	-4849.2	4353	9.9	115117.4	-4805.8
4084	9.6	112943.2	-4800.0	4174	8.6	113831.0	-4843.3	4264	9.6	114516.4	-4839.2	4354	10.0	115121.9	-4809.4
4085	9.6	112954.5	-4835.0	4175	9.9	113835.5	-4849.8	4265	9.8	114516.4	-4838.6	4355	10.1	115122.4	-4802.8
4086	9.2	113001.0	-4804.5	4176	9.7	113846.5	-4834.6	4266	10.0	114519.4	-4825.1	4356	9.8	115123.9	-4841.3
4087	9.4	113010.0	-4830.7	4177	9.4	113849.5	-4856.5	4267	9.8	114521.5	-4817.7	4357	10.0	115128.9	-4839.2
4088	9.2	113011.5	-4843.8	4178	9.3	113852.0	-4820.1	4268	8.5	114523.1	-4802.5	4358	9.6	115130.9	-4841.0
4089	9.9	113020.0	-4801.3	4179	7.7	113903.0	-4822.6	4269	10.0	114526.9	-4835.2	4359	9.8	115134.9	-4834.9
4090	9.7	113025.0	-4859.7	4180	9.7	113906.5	-4833.1	4270	9.8	114532.5	-4859.5	4360	10.1	115142.9	-4802.9
4091	9.9	113026.0	-4840.8	4181	9.9	113909.5	-4822.9	4271	9.8	114532.5	-4852.4	4361	10.1	115146.4	-4850.5
4092	9.7	113030.0	-4838.9	4182	9.4	113910.0	-4856.1	4272	10.0	114533.9	-4854.6	4362	9.5	115147.9	-4839.3
4093	9.8	113035.0	-4853.9	4183	9.9	113912.5	-4835.7	4273	7.1	114550.0	-4842.3	4363	9.6	115212.9	-4836.6
4094	9.9	113041.5	-4807.9	4184	8.8	113925.0	-4818.9	4274	8.6	114555.9	-4836.2	4364	10.1	115213.2	-4800.8
4095	9.6	113048.0	-4855.3	4185	9.0	113926.0	-4856.4	4275	9.8	114602.4	-4826.8	4365	9.9	115215.9	-4849.9
4096	9.4	113051.0	-4818.5	4186	9.9	113931.5	-4802.4	4276	10.1	114611.4	-4850.9	4366	10.0	115222.9	-4806.9
4097	9.4	113051.0	-4810.4	4187	8.2	113932.5	-4852.4	4277	10.0	114622.4	-4826.6	4367	10.1	115223.9	-4804.4
4098	9.7	113059.0	-4842.2	4188	8.8	113934.5	-4831.9	4278	9.8	114628.9	-4827.2	4368	10.1	115224.4	-4843.3
4099	9.4	113100.0	-4840.8	4189	9.3	113937.0	-4841.0	4279	9.9	114639.9	-4843.6	4369	9.6	115233.5	-4809.8
4100	9.4	113101.0	-4852.3	4190	9.4	113938.5	-4847.3	4280	10.1	114640.9	-4852.1	4370	9.8	115234.0	-4809.4
4101	9.0	113102.0	-4809.3	4191	9.2	113948.0	-4854.8	4281	10.1	114644.4	-4850.8	4371	9.8	115237.0	-4832.9

4372	10.1	115238.0	-4830.0	4462	8.9	115740.7	-4815.2	4552	10.1	120301.2	-4813.2
4373	10.0	115241.2	-4858.5	4463	9.8	115740.7	-4827.4	4553	9.6	120303.2	-4852.8
4374	10.0	115242.5	-4828.6	4464	10.0	115740.7	-4830.3	4554	8.6	120305.2	-4803.2
4375	9.8	115245.0	-4826.7	4465	9.9	115742.2	-4839.7	4555	9.2	120305.2	-4842.1
4376	10.0	115245.5	-4827.6	4466	9.8	115745.7	-4833.4	4556	9.6	120311.2	-4815.9
4377	10.1	115248.0	-4857.6	4467	9.9	115749.2	-4839.8	4557	9.8	120311.7	-4854.5
4378	9.4	115250.5	-4822.8	4468	9.8	115750.7	-4800.9	4558	9.6	120315.2	-4829.3
4379	10.1	115254.4	-4859.8	4469	9.7	115754.7	-4832.9	4559	9.9	120317.2	-4831.6
4380	9.8	115256.0	-4851.1	4470	9.6	115756.7	-4854.5	4560	10.1	120319.2	-4839.3
4381	9.6	115300.5	-4828.1	4471	10.1	115802.7	-4847.9	4561	9.8	120320.2	-4834.9
4382	9.5	115302.0	-4818.4	4472	10.0	115805.7	-4848.1	4562	9.9	120322.7	-4811.0
4383	10.1	115302.2	-4851.1	4473	9.9	115808.7	-4816.5	4563	9.6	120323.7	-4844.5
4384	9.4	115302.5	-4821.5	4474	9.5	115809.7	-4811.6	4564	8.7	120324.2	-4848.4
4385	10.1	115306.0	-4817.9	4475	9.9	115812.2	-4857.2	4565	10.1	120324.2	-4833.5
4386	7.7	115307.5	-4826.6	4476	9.8	115823.2	-4815.0	4566	9.4	120329.2	-4857.2
4387	8.8	115309.0	-4840.2	4477	10.1	115830.2	-4827.3	4567	9.6	120331.2	-4804.2
4388	10.1	115309.2	-4840.4	4478	10.0	115831.9	-4806.1	4568	9.0	120333.7	-4852.6
4389	9.4	115322.0	-4831.4	4479	10.1	115834.2	-4851.2	4569	8.4	120338.7	-4828.9
4390	9.6	115326.5	-4826.9	4480	9.5	115834.2	-4834.2	4570	10.1	120340.2	-4804.1
4391	9.2	115331.0	-4805.6	4481	9.6	115835.7	-4816.2	4571	10.1	120340.2	-4804.3
4392	10.0	115331.0	-4844.8	4482	9.8	115836.7	-4833.0	4572	9.8	120340.7	-4814.0
4393	8.8	115334.5	-4802.8	4483	10.1	115837.9	-4841.5	4573	9.8	120342.2	-4804.2
4394	9.0	115347.0	-4804.5	4484	9.7	115839.2	-4853.7	4574	9.9	120342.2	-4813.7
4395	10.1	115349.5	-4841.1	4485	9.7	115839.7	-4845.4	4575	9.8	120346.0	-4805.9
4396	9.9	115353.0	-4837.1	4486	9.8	115841.2	-4830.7	4576	9.8	120348.0	-4821.9
4397	10.1	115401.5	-4824.4	4487	9.8	115841.7	-4837.0	4577	9.4	120350.0	-4839.5
4398	10.1	115415.5	-4807.8	4488	9.8	115842.2	-4820.9	4578	9.5	120351.0	-4820.4
4399	9.7	115422.5	-4856.2	4489	10.0	115844.7	-4831.0	4579	10.0	120400.5	-4824.0
4400	10.0	115426.0	-4851.6	4490	10.0	115847.7	-4817.9	4580	10.0	120403.0	-4837.9
4401	8.6	115426.0	-4852.4	4491	10.0	115852.7	-4851.2	4581	9.7	120405.0	-4806.1
4402	10.1	115431.0	-4837.2	4492	8.3	115854.7	-4818.6	4582	9.8	120407.5	-4855.4
4403	9.6	115431.5	-4846.8	4493	10.1	115854.9	-4833.6	4583	9.7	120409.0	-4829.9
4404	9.6	115431.6	-4857.6	4494	9.4	115855.7	-4855.8	4584	10.0	120412.5	-4846.7
4405	10.0	115432.0	-4817.4	4495	9.5	115859.2	-4818.4	4585	9.6	120415.5	-4850.1
4406	9.4	115432.5	-4809.8	4496	10.1	115906.7	-4842.7	4586	9.7	120415.5	-4817.1
4407	9.5	115435.5	-4815.9	4497	10.0	115911.7	-4853.6	4587	9.9	120416.0	-4846.1
4408	9.4	115435.5	-4809.1	4498	9.8	115912.7	-4821.3	4588	9.8	120419.3	-4859.5
4409	8.9	115440.1	-4859.1	4499	9.5	115920.2	-4824.8	4589	10.0	120420.0	-4857.7
4410	9.9	115441.5	-4841.9	4500	10.1	115921.7	-4840.7	4590	9.6	120429.0	-4858.1
4411	10.0	115444.0	-4819.2	4501	9.6	115923.7	-4813.6	4591	9.4	120431.0	-4816.0
4412	9.9	115444.5	-4817.4	4502	10.0	115927.7	-4829.7	4592	10.0	120433.0	-4828.4
4413	10.0	115451.5	-4840.3	4503	10.0	115929.7	-4827.3	4593	9.1	120439.0	-4854.9
4414	10.0	115451.5	-4855.1	4504	9.6	115931.4	-4859.1	4594	9.8	120449.5	-4820.9
4415	10.1	115453.0	-4852.9	4505	9.8	115939.2	-4854.4	4595	9.7	120449.5	-4841.6
4416	9.7	115454.5	-4826.7	4506	9.7	115948.7	-4814.0	4596	9.7	120456.0	-4835.6
4417	10.1	115455.0	-4823.2	4507	8.8	115949.7	-4833.7	4597	9.6	120500.0	-4850.9
4418	9.9	115500.5	-4853.5	4508	10.0	115955.2	-4816.8	4598	10.0	120502.4	-4801.5
4419	9.8	115501.0	-4835.2	4509	10.0	120000.2	-4847.4	4599	9.9	120510.0	-4849.8
4420	10.0	115501.0	-4821.1	4510	9.5	120002.7	-4855.8	4600	9.6	120511.0	-4813.1
4421	10.1	115508.5	-4818.1	4511	10.1	120002.7	-4801.9	4601	9.8	120520.0	-4805.3
4422	9.8	115509.0	-4832.6	4512	10.1	120004.2	-4823.0	4602	9.0	120528.0	-4837.5
4423	9.8	115512.0	-4830.1	4513	10.0	120005.2	-4852.2	4603	9.7	120531.0	-4826.1
4424	9.9	115513.2	-4849.0	4514	10.0	120008.7	-4820.1	4604	10.0	120533.0	-4814.7
4425	9.8	115520.2	-4843.9	4515	10.1	120010.2	-4825.4	4605	10.1	120536.0	-4819.9
4426	10.0	115526.2	-4845.8	4516	9.9	120010.7	-4810.0	4606	9.8	120536.5	-4801.2
4427	9.9	115531.7	-4816.1	4517	10.1	120016.2	-4825.7	4607	10.1	120546.5	-4820.3
4428	9.9	115533.2	-4853.0	4518	9.9	120018.7	-4801.2	4608	9.6	120551.0	-4833.4
4429	10.1	115533.7	-4818.9	4519	10.1	120019.7	-4824.5	4609	9.1	120557.0	-4818.7
4430	10.1	115534.8	-4844.8	4520	10.0	120030.2	-4801.9	4610	9.8	120601.0	-4833.7
4431	9.3	115541.2	-4852.9	4521	10.0	120032.2	-4828.3	4611	9.6	120605.0	-4811.3
4432	9.9	115542.2	-4848.8	4522	9.7	120040.7	-4848.1	4612	9.8	120611.5	-4807.7
4433	10.0	115545.7	-4822.5	4523	9.8	120044.7	-4811.1	4613	10.1	120616.2	-4825.9
4434	10.0	115548.7	-4813.0	4524	10.0	120045.2	-4853.1	4614	9.7	120620.5	-4829.9
4435	10.0	115550.2	-4855.9	4525	9.6	120101.7	-4842.8	4615	9.5	120621.0	-4824.3
4436	9.0	115552.4	-4801.8	4526	10.0	120103.7	-4830.2	4616	10.0	120630.0	-4810.7
4437	9.8	115600.2	-4840.4	4527	10.1	120103.7	-4846.0	4617	10.1	120631.0	-4802.4
4438	10.0	115603.7	-4830.3	4528	9.7	120112.7	-4852.1	4618	8.9	120646.5	-4831.1
4439	9.9	115612.7	-4816.0	4529	9.8	120128.0	-4857.9	4619	9.6	120656.5	-4805.1
4440	10.1	115625.7	-4809.9	4530	9.5	120128.7	-4848.2	4620	8.9	120658.0	-4805.9
4441	10.0	115626.2	-4815.1	4531	9.7	120132.2	-4832.5	4621	9.7	120706.0	-4855.1
4442	9.7	115628.7	-4840.4	4532	10.0	120139.7	-4826.0	4622	9.9	120713.0	-4824.1
4443	10.1	115630.2	-4839.2	4533	10.1	120140.2	-4827.6	4623	9.8	120718.0	-4809.5
4444	9.8	115632.7	-4830.1	4534	10.1	120158.2	-4824.0	4624	9.8	120720.0	-4838.7
4445	9.0	115639.2	-4834.4	4535	9.7	120210.2	-4841.9	4625	9.4	120720.0	-4843.3
4446	7.8	115640.7	-4857.5	4536	10.1	120214.7	-4815.5	4626	10.1	120724.0	-4809.9
4447	8.5	115649.7	-4829.5	4537	10.1	120220.2	-4827.9	4627	10.0	120726.2	-4823.2
4448	9.6	115649.7	-4829.8	4538	9.8	120224.2	-4825.2	4628	9.8	120732.0	-4802.2
4449	10.1	115653.2	-4817.8	4539	10.1	120224.7	-4840.7	4629	9.6	120739.5	-4816.1
4450	10.0	115656.7	-4833.4	4540	9.7	120226.2	-4835.6	4630	10.1	120742.5	-4800.7
4451	10.1	115700.7	-4800.7	4541	10.0	120229.2	-4853.5	4631	9.6	120746.0	-4844.7
4452	9.8	115701.7	-4818.0	4542	10.0	120235.5	-4828.5	4632	10.1	120749.0	-4847.8
4453	9.6	115703.7	-4839.6	4543	10.1	120235.5	-4840.9	4633	9.6	120750.0	-4801.9
4454	9.7	115707.2	-4828.6	4544	10.0	120239.7	-4823.8	4634	10.0	120752.5	-4842.0
4455	9.8	115709.7	-4851.1	4545	9.9	120239.7	-4852.2	4635	9.8	120800.0	-4803.5
4456	9.7	115716.2	-4814.3	4546	10.0	120241.7	-4813.9	4636	9.9	120811.0	-4841.4
4457	9.6	115720.2	-4817.6	4547	9.7	120245.2	-4810.7	4637	9.9	120820.5	-4806.8
4458	10.1	115720.7	-4816.0	4548	9.9	120246.7	-4840.7	4638	9.5	120825.0	-4811.3
4459	9.2	115722.7	-4839.0	4549	10.0	120255.7	-4807.7	4639	10.1	120827.5	-4827.5
4460	9.7	115723.2	-4834.9	4550	9.3	120259.7	-4838.6	4640	9.7	120829.2	-4843.1
4461	9.3	115734.2	-4845.4	4551	9.6	120300.4	-4800.7	4641	10.1	120830.7	-4805.5
4642	10.0	120832.2	-4839.4								
4643	9.9	120833.2	-4801.3								
4644	9.9	120836.7	-4851.2								
4645	8.2	120837.7	-4827.1								
4646	9.8	120839.0	-4800.5								
4647	9.9	120848.7	-4850.5								
4648	10.0	120852.2	-4823.9								
4649	10.1	120900.7	-4818.8								
4650	10.0	120902.7	-4850.8								
4651	10.0	120906.2	-4820.7								
4652	10.1	120908.7	-4800.1								
4653	10.1	120909.2	-4834.6								
4654	10.1	120910.2	-4834.9								
4655	9.5	120915.7	-4805.3								
4656	9.7	120923.7	-4820.1								
4657	9.8	120928.2	-4830.9								
4658	10.1	120934.7	-4828.1								
4659	10.1	120935.2	-4850.1								
4660	10.0	120939.7	-4852.9								
4661	10.1	120947.2	-4833.5								
4662	10.0	120949.7	-4849.3								
4663	9.4	120950.7	-4859.3								
4664	9.8	120954.7	-4802.9								
4665	10.0	120959.2	-4815.3								
4666	9.2	120959.7	-4828.1								
4667	10.1	121007.7	-4825.1								
4668	10.0	121018.7	-4836.2								
4669	10.0	121018.7	-4844.7								
4670	10.1	121020.2	-4840.8								
4671	8.2	121030.2	-4828.4								
4672	9.2	121030.7	-4829.7								
4673	10.0	121034.7	-4827.6								
4674	10.1	121036.8	-4821.6								
4675	10.1	121040.7	-4855.8								
4676	10.1	121045.2	-4813.4								
4677	10.1	121051.2	-4856.8								
4678	9.2	121052.2	-4839.8								
4679	7.7	121059.7	-4813.7								
4680	10.0	121100.2	-4855.9								
4681	9.8	121102.2	-4844.8								
4682	10.0	121105.2	-4830.9								
4683	10.1	121117.7	-4850.6								
4684	9.8	121120.7	-4816.0								
4685	8.4	121124.7	-4825.6								
4686	9.5	121126.2	-4815.3								
4687	9.6	121129.2	-4842.8								
4688	9.8	121129.2	-4835.3								
4689	9.7	121129.7	-4846.0								
4690	9.7	121134.7	-4820.6								
4691	9.0	121142.2	-4821.9								
4692	10.0	121144.2	-4820.3								
4693	10.0	121148.7	-4847.8								
4694	10.1	121149.2	-4801.4								
4695	9.6	121150.7	-4820.4								
4696	9.6	121154.7	-4836.4								
4697	10.0	121157.2	-4828.4								
4698	9.1	121157.6	-4858.7								
4699	10.0	121202.2	-4841.9								
4700	9.5	121208.2	-4809.9								
4701	9.7	121216.1	-4853.9								
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4704	9.6	121239.2	-4842.4								
4705	9.7	121239.7	-4806.7								
4706	10.0	121242.2	-4846.7								
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4710	10.1	121251.2	-4807.0								
4711	9.2	121251.7	-4833.1								
4712	10.0	121252.2	-4837.6								
4713	9.6	121253.7	-4822.0								
4714	9.8	121259.2	-4803.0								
4715	9.7	121300.7	-4822.6								
4716	7.9	121302.2	-4848.5								
4717	10.1	121310.2	-4831.0								
4718	10.0	121316.2	-4814.8								
4719	9.6	121317.2	-4835.4								
4720	10.1	121322.2	-4831.0								
4721	8.9	121327.7	-4806.4								
4722	9.8	121341.2	-4814.8								
4723	9.6	121343.2	-4850.4								
4724	9.6	121349.7	-4829.4								
4725	10.1	121350.2	-4852.2								
4726	10.0	121419.2	-4840.6								
4727	9.6	121424.7	-4839.8								
4728	9.8	121429.7	-4855.2								
4729	9.6	121430.7	-4820.3								
4730	8.9	121433.2	-4831.0								
4731	9.1	121436.8	-4809.3								

-48 4732 12h14m

-48 5091 12h44m

4732	9.5	121439.7	-4824.6	4822	9.8	122202.7	-4807.0	4912	10.3	123037.0	-4854.9
4733	10.0	121441.8	-4837.4	4823	9.6	122204.2	-4853.2	4913	10.3	123049.5	-4842.0
4734	9.5	121444.8	-4807.0	4824	10.2	122215.2	-4851.3	4914	9.6	123100.5	-4832.8
4735	8.9	121445.9	-4800.2	4825	10.0	122217.7	-4803.0	4915	10.1	123100.5	-4851.9
4736	9.5	121446.1	-4818.8	4826	10.3	122250.2	-4849.5	4916	10.3	123105.0	-4802.2
4737	9.6	121452.7	-4836.2	4827	10.2	122254.2	-4830.1	4917	10.3	123117.5	-4854.8
4738	10.0	121454.2	-4800.8	4828	8.9	122307.7	-4810.7	4918	9.6	123117.5	-4841.1
4739	8.7	121454.7	-4856.0	4829	10.1	122308.2	-4855.9	4919	10.2	123121.5	-4813.7
4740	9.8	121502.8	-4818.4	4830	9.4	122310.2	-4809.6	4920	9.7	123122.5	-4808.0
4741	9.7	121504.0	-4816.4	4831	10.1	122311.7	-4803.9	4921	9.4	123124.5	-4852.0
4742	9.8	121504.5	-4817.8	4832	9.2	122319.7	-4844.3	4922	10.3	123126.5	-4846.3
4743	9.7	121505.5	-4806.8	4833	10.1	122331.2	-4821.2	4923	9.8	123132.0	-4828.3
4744	9.3	121505.7	-4808.5	4834	10.3	122337.2	-4831.3	4924	9.7	123136.5	-4859.6
4745	9.6	121509.9	-4853.5	4835	10.2	122341.7	-4854.7	4925	9.8	123141.0	-4836.2
4746	9.3	121510.7	-4858.5	4836	10.3	122348.2	-4818.7	4926	10.3	123152.5	-4807.0
4747	9.4	121510.9	-4851.6	4837	9.2	122348.7	-4804.1	4927	9.7	123154.5	-4803.6
4748	10.1	121521.9	-4858.9	4838	10.0	122355.2	-4813.3	4928	10.2	123200.0	-4836.1
4749	9.5	121523.6	-4851.1	4839	10.0	122403.7	-4828.0	4929	10.0	123201.0	-4830.3
4750	9.8	121527.9	-4819.5	4840	9.4	122406.7	-4838.1	4930	9.6	123203.0	-4848.8
4751	10.1	121529.9	-4843.2	4841	9.3	122435.2	-4848.1	4931	10.3	123214.5	-4815.9
4752	10.2	121530.3	-4814.6	4842	9.4	122439.9	-4800.8	4932	10.3	123219.0	-4859.9
4753	10.3	121536.8	-4822.2	4843	7.9	122447.2	-4817.7	4933	8.4	123219.5	-4822.7
4754	10.2	121540.8	-4823.1	4844	8.7	122502.2	-4835.7	4934	9.6	123231.0	-4807.1
4755	10.1	121547.3	-4823.7	4845	9.6	122511.7	-4826.0	4935	9.6	123236.5	-4825.2
4756	8.8	121547.8	-4849.6	4846	9.6	122533.2	-4813.8	4936	10.3	123238.5	-4834.9
4757	7.8	121556.3	-4837.9	4847	10.0	122534.7	-4845.0	4937	9.8	123243.3	-4801.6
4758	10.0	121558.8	-4814.5	4848	10.2	122536.2	-4827.4	4938	10.3	123243.5	-4855.7
4759	9.0	121600.3	-4840.6	4849	10.0	122538.7	-4816.2	4939	10.3	123249.5	-4842.2
4760	10.2	121605.3	-4837.9	4850	10.1	122539.2	-4836.7	4940	7.9	123252.0	-4830.6
4761	10.3	121606.1	-4821.1	4851	9.6	122540.7	-4832.7	4941	10.3	123253.9	-4841.2
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4763	9.7	121618.8	-4821.5	4853	10.0	122545.7	-4859.3	4943	9.6	123300.0	-4834.2
4764	10.2	121620.8	-4840.0	4854	10.2	122549.7	-4850.8	4944	10.3	123303.0	-4858.4
4765	9.6	121640.2	-4826.7	4855	9.4	122553.5	-4841.9	4945	10.0	123307.9	-4828.9
4766	9.2	121644.7	-4855.2	4856	9.4	122559.0	-4849.3	4946	10.0	123315.9	-4858.0
4767	10.0	121648.7	-4859.2	4857	10.3	122602.5	-4826.8	4947	10.1	123317.0	-4821.1
4768	9.7	121652.7	-4800.5	4858	10.3	122610.5	-4825.6	4948	10.1	123318.0	-4855.9
4769	10.1	121653.7	-4817.2	4859	10.3	122612.5	-4854.3	4949	7.7	123327.5	-4842.6
4770	10.0	121701.2	-4858.8	4860	10.2	122614.0	-4836.9	4950	9.8	123328.5	-4848.2
4771	9.2	121706.2	-4816.7	4861	10.3	122615.5	-4819.9	4951	9.6	123333.0	-4830.7
4772	9.4	121714.2	-4847.3	4862	10.0	122616.0	-4837.3	4952	10.0	123338.0	-4803.2
4773	9.0	121720.2	-4818.7	4863	10.2	122619.5	-4825.8	4953	10.3	123342.0	-4849.8
4774	9.0	121720.7	-4837.7	4864	9.0	122629.5	-4854.7	4954	9.6	123345.0	-4842.9
4775	10.2	121732.7	-4853.0	4865	9.6	122631.5	-4832.8	4955	10.3	123348.5	-4846.9
4776	9.7	121737.2	-4843.8	4866	8.9	122634.0	-4831.6	4956	10.0	123352.0	-4839.3
4777	10.0	121740.2	-4830.5	4867	9.8	122638.5	-4848.7	4957	10.1	123353.0	-4808.9
4778	10.1	121743.7	-4841.3	4868	10.0	122648.5	-4847.3	4958	10.3	123403.0	-4842.1
4779	8.8	121752.2	-4844.9	4869	10.0	122649.0	-4807.5	4959	10.1	123406.5	-4806.8
4780	10.3	121753.2	-4844.0	4870	9.7	122651.5	-4812.8	4960	10.3	123413.9	-4811.0
4781	10.3	121821.0	-4808.0	4871	10.0	122707.5	-4850.2	4961	10.3	123416.5	-4808.2
4782	10.3	121821.5	-4818.6	4872	9.8	122709.5	-4826.3	4962	10.3	123421.0	-4831.5
4783	10.3	121823.0	-4803.4	4873	10.1	122714.5	-4838.1	4963	7.9	123423.0	-4807.8
4784	9.6	121829.7	-4821.9	4874	10.3	122720.5	-4851.7	4964	10.2	123435.0	-4811.0
4785	9.3	121831.0	-4822.0	4875	10.3	122721.0	-4828.0	4965	3.6	123437.5	-4816.3
4786	10.0	121832.0	-4841.4	4876	10.3	122721.4	-4807.7	4966	10.3	123439.7	-4856.1
4787	10.1	121842.0	-4810.0	4877	10.1	122722.5	-4823.1	4967	9.6	123455.7	-4819.4
4788	9.0	121855.5	-4835.4	4878	10.3	122733.5	-4810.7	4968	10.2	123457.7	-4850.1
4789	7.2	121919.5	-4853.9	4879	10.1	122741.5	-4809.2	4969	10.2	123509.7	-4850.9
4790	10.3	121922.0	-4849.6	4880	10.2	122743.4	-4830.9	4970	10.3	123510.7	-4803.0
4791	10.2	121922.5	-4809.4	4881	9.6	122745.0	-4848.2	4971	10.1	123514.7	-4858.0
4792	10.3	121927.5	-4810.2	4882	9.0	122746.5	-4801.9	4972	10.1	123516.2	-4839.9
4793	9.2	121938.0	-4842.0	4883	10.1	122746.5	-4825.7	4973	10.1	123518.7	-4805.0
4794	9.4	121943.0	-4809.4	4884	10.3	122750.9	-4857.2	4974	10.3	123523.7	-4804.1
4795	9.2	121943.0	-4808.9	4885	10.1	122751.5	-4837.9	4975	10.3	123524.7	-4807.3
4796	10.2	121945.0	-4810.3	4886	10.3	122752.5	-4809.1	4976	10.3	123531.7	-4837.2
4797	9.7	121953.0	-4837.6	4887	9.6	122803.5	-4837.5	4977	10.3	123532.7	-4817.8
4798	10.0	121954.5	-4831.8	4888	10.3	122810.5	-4825.5	4978	7.1	123540.7	-4807.6
4799	7.6	122012.0	-4813.1	4889	10.0	122811.5	-4845.6	4979	10.3	123549.2	-4848.3
4800	10.3	122012.0	-4835.5	4890	10.2	122814.0	-4842.5	4980	10.1	123549.2	-4834.5
4801	10.2	122020.0	-4836.5	4891	9.0	122821.5	-4804.2	4981	10.3	123550.2	-4830.4
4802	10.2	122025.5	-4817.0	4892	10.3	122825.0	-4838.4	4982	9.0	123601.7	-4819.8
4803	10.3	122029.5	-4844.0	4893	10.2	122826.5	-4827.2	4983	9.8	123605.2	-4800.3
4804	10.3	122030.5	-4845.7	4894	10.3	122831.5	-4853.0	4984	8.9	123608.7	-4801.9
4805	10.3	122036.0	-4814.8	4895	10.3	122837.0	-4852.9	4985	10.1	123612.7	-4838.0
4806	9.6	122041.5	-4821.4	4896	10.2	122838.5	-4858.3	4986	10.3	123624.7	-4851.6
4807	10.0	122042.0	-4826.8	4897	10.2	122839.0	-4842.7	4987	9.2	123630.7	-4834.0
4808	9.4	122102.0	-4814.5	4898	10.2	122842.5	-4836.6	4988	8.8	123631.7	-4858.3
4809	10.0	122102.5	-4838.4	4899	8.4	122846.0	-4835.5	4989	10.3	123634.7	-4811.1
4810	10.0	122110.0	-4856.0	4900	10.1	122856.5	-4834.4	4990	10.0	123640.7	-4849.0
4811	9.0	122112.5	-4818.1	4901	10.2	122903.5	-4814.1	4991	9.8	123640.7	-4848.8
4812	9.6	122127.0	-4840.5	4902	9.4	122925.0	-4836.0	4992	9.2	123652.7	-4819.6
4813	10.3	122127.5	-4856.5	4903	10.1	122925.0	-4837.1	4993	10.3	123700.7	-4859.0
4814	10.3	122130.5	-4834.7	4904	9.6	122935.5	-4853.0	4994	9.6	123706.2	-4801.2
4815	9.4	122142.0	-4843.3	4905	9.0	122938.5	-4842.8	4995	10.3	123710.7	-4834.0
4816	10.1	122148.0	-4858.9	4906	9.7	122943.5	-4859.9	4996	9.5	123718.7	-4850.0
4817	10.3	122156.5	-4823.6	4907	9.6	122951.5	-4823.6	4997	10.2	123721.7	-4809.0
4818	10.0	122157.0	-4820.1	4908	10.3	122953.0	-4828.4	4998	9.8	123722.7	-4822.0
4819	10.3	122201.0	-4806.0	4909	9.7	123003.0	-4842.5	4999	9.0	123738.7	-4837.9
4820	10.3	122202.5	-4818.9	4910	10.3	123004.5	-4803.1	5000	9.6	123738.7	-4807.0
4821	9.8	122202.7	-4835.3	4911	10.3	123022.0	-4856.8	5001	10.0	123742.7	-4804.9
5002	10.2	123748.7	-4837.8
5003	10.3	123752.7	-4833.9
5004	10.2	123752.7	-4848.1
5005	9.8	123756.7	-4835.7
5006	9.2	123801.5	-4824.0
5007	10.1	123803.5	-4837.0
5008	9.6	123822.0	-4805.0
5009	10.3	123824.0	-4859.5
5010	9.8	123827.5	-4822.5
5011	10.1	123828.5	-4829.9
5012	10.0	123838.5	-4833.1
5013	10.2	123839.5	-4825.3
5014	10.2	123852.5	-4851.1
5015	10.3	123858.5	-4847.2
5016	9.7	123901.5	-4858.4
5017	9.6	123903.5	-4854.0
5018	10.2	123913.5	-4824.9
5019	10.0	123914.0	-4827.3
5020	10.2	123914.5	-4831.1
5021	10.3	123916.5	-4820.4
5022	8.5	123917.5	-4837.7
5023	9.8	123932.0	-4859.0
5024	10.3	123932.5	-4821.0
5025	10.0	123940.0	-4841.8
5026	10.2	123942.5	-4801.1
5027	9.7	123946.0	-4835.0
5028	9.0	123947.0	-4825.2
5029	10.3	124005.0	-4827.3
5030	9.0	124010.5	-4847.5
5031	9.4	124011.5	-4805.0
5032	9.8	124022.5	-4841.2
5033	10.2	124028.5	-4800.0
5034	9.6	124030.5	-4811.8
5035	10.3	124050.7	-4846.0
5036	10.3	124052.7	-4813.9
5037	9.2	124053.7	-4804.2
5038	10.3	124102.2	-4843.9
5039	9.4	124107.7	-4850.0
5040	9.6	124112.2	-4845.0
5041	10.0	124128.2	-4834.9
5042	9.6	124132.2	-4844.7
5043	9.6	124136.2	-4806.3
5044	10.3	124142.2	-4804.0
5045	10.0	124152.2	-4839.4
5046	10.2	124155.2	-4807.3
5047	10.1	124157.2	-4816.4
5048	10.3	124159.2	-4821.4
5049	10.2	124200.7	-4847.8
5050	10.0	124201.2	-4815.5
5051	9.7	124208.2	-4848.8
5052	10.1	124211.2	-4849.2
5053	9.7	124212.7	-4818.8
5054	10.2	124223.2	-4807.7
5055	10.3	124227.2	-4817.6
5056	10.3	124227.2	-4837.3
5057	9.6	124229.6	-4858.1
5058	9.6	124233.7	-4828.0
5059	10.3	124237.2	-4826.8
5060	10.1	124244.9	-4802.8
5061	10.2	124248.2	-4836.4
5062	10.3	124248.7	-4849.8
5063	10.1	124255.2	-4817.9
5064	10.0	124259.7	-4840.1
5065	10.2	124301.2	-4810.1
5066	10.1	124301.7	-4856.9
5067	9.8	124304.2	-4812.4
5068	9.8	124306.7	-4812.4
5069	9.2	124324.0	-4851.9
5070	9.8	124324.2	-4857.5
5071	10.3	124326.5	-4848.9
5072	10.0	124330.5	-4842.7
5073	9.7	124331.0	-4818.9
5074	10.2	124335.0	-4851.7
5075	10.0	124335.0	-4813.5
5076	9.4	124336.0	-4859.9
5077	9.8	124340.5	-4820.1
5078	10.0	124340.5	-4810.9
5079	9.6	124351.0	-4802.2
5080	10.0	124351.2	-4800.8
5081	10.0	124353.5	-4833.5
5082	9.6	124354.0	-4838.9
5083	10.2	124355.0	-4812.1
5084	10.1	124359.5	-4820.3
5085	8.8	124400.5	-4806.9
5086	10.3	124404.8	-4859.5
5087	10.3	124407.0	-4820.7
5088	9.7	124408.5	-4852.1
5089	9.6	124414.0	-4850.5
5090	9.6	124426.8	-4807.3
5091	9.7	124427.1	-4806.2

-48 5092 12h44m

-48 5451 13h10m

5092 10.0 124430.3 -4856.1	5182 10.4 125114.9 -4850.4	5272 10.2 125906.4 -4810.5	5362 10.4 130444.7 -4801.2
5093 9.6 124434.4 -4845.9	5183 9.4 125115.9 -4843.4	5273 8.3 125912.4 -4835.0	5363 9.6 130445.5 -4859.1
5094 10.0 124438.5 -4837.5	5184 9.7 125117.7 -4833.6	5274 10.4 125918.2 -4800.2	5364 9.6 130452.2 -4844.9
5095 10.0 124446.8 -4837.9	5185 10.1 125127.9 -4817.0	5275 10.4 125918.9 -4827.0	5365 9.4 130452.2 -4840.4
5096 9.8 124448.5 -4842.5	5186 10.0 125128.4 -4841.0	5276 10.4 125922.2 -4826.1	5366 9.7 130453.7 -4843.9
5097 9.6 124451.5 -4841.2	5187 9.7 125138.4 -4807.3	5277 10.4 125925.2 -4811.6	5367 10.4 130500.2 -4836.4
5098 10.2 124452.0 -4851.3	5188 10.0 125138.4 -4828.8	5278 9.8 125935.2 -4806.8	5368 9.5 130501.2 -4857.5
5099 10.1 124459.8 -4850.6	5189 9.5 125155.9 -4843.8	5279 9.6 125942.2 -4823.8	5369 9.9 130506.1 -4857.2
5100 10.3 124511.3 -4852.1	5190 9.0 125159.4 -4802.6	5280 10.4 125945.7 -4843.6	5370 9.6 130509.2 -4837.8
5101 7.4 124518.8 -4855.3	5191 10.4 125200.9 -4814.8	5281 9.8 125948.2 -4827.4	5371 9.2 130510.2 -4814.0
5102 10.4 124520.1 -4803.7	5192 9.0 125201.4 -4840.4	5282 9.2 125950.2 -4855.0	5372 9.6 130511.2 -4827.4
5103 9.8 124520.3 -4820.6	5193 10.2 125203.9 -4855.7	5283 10.3 125958.2 -4838.8	5373 10.0 130516.7 -4824.0
5104 9.8 124522.1 -4831.0	5194 10.4 125211.4 -4811.1	5284 10.4 125958.2 -4840.4	5374 10.4 130519.2 -4809.6
5105 10.0 124526.8 -4831.9	5195 9.4 125220.4 -4849.0	5285 10.2 130005.2 -4813.0	5375 10.4 130519.2 -4852.6
5106 10.2 124530.3 -4818.4	5196 10.4 125222.4 -4801.4	5286 10.4 130011.2 -4813.6	5376 10.0 130520.2 -4814.0
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5108 9.8 124532.3 -4838.4	5198 10.4 125234.4 -4819.8	5288 10.4 130018.2 -4848.4	5378 10.2 130523.7 -4854.0
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5115 9.9 124552.6 -4843.7	5205 10.2 125250.9 -4839.4	5295 9.8 130035.7 -4855.8	5385 10.4 130551.7 -4858.2
5116 10.2 124554.6 -4853.0	5206 9.4 125306.9 -4848.0	5296 10.0 130039.7 -4850.2	5386 10.4 130554.2 -4845.1
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5125 10.2 124645.9 -4850.3	5215 9.4 125407.4 -4812.8	5305 10.4 130120.2 -4850.2	5395 9.4 130637.2 -4837.8
5126 10.4 124658.9 -4838.1	5216 10.3 125409.5 -4801.5	5306 10.4 130120.2 -4845.0	5396 10.0 130637.7 -4818.6
5127 10.4 124704.9 -4841.9	5217 9.2 125430.4 -4806.2	5307 10.3 130123.7 -4857.8	5397 8.4 130638.7 -4809.2
5128 10.4 124708.4 -4843.1	5218 9.0 125430.4 -4820.3	5308 9.6 130126.2 -4848.8	5398 10.2 130641.2 -4825.2
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5132 10.2 124726.9 -4815.1	5222 9.8 125505.2 -4859.6	5312 10.4 130157.7 -4840.2	5402 10.4 130652.7 -4800.8
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5134 10.0 124731.4 -4821.4	5224 10.4 125515.4 -4819.7	5314 10.4 130200.2 -4850.9	5404 10.4 130704.7 -4835.0
5135 10.4 124731.9 -4835.9	5225 10.0 125517.9 -4840.2	5315 10.4 130200.2 -4814.9	5405 9.4 130705.7 -4828.4
5136 9.2 124735.2 -4858.4	5226 10.0 125521.4 -4840.8	5316 10.3 130211.2 -4853.9	5406 9.8 130708.2 -4837.7
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5138 9.7 124752.6 -4802.6	5228 10.4 125529.4 -4803.7	5318 10.4 130211.2 -4841.0	5408 9.2 130715.2 -4838.4
5139 9.8 124810.9 -4800.9	5229 10.2 125530.4 -4818.8	5319 9.4 130211.7 -4834.8	5409 10.4 130720.2 -4810.7
5140 9.4 124815.4 -4849.9	5230 10.4 125530.9 -4851.6	5320 10.4 130224.7 -4810.0	5410 9.8 130720.7 -4858.8
5141 10.4 124816.4 -4812.5	5231 10.0 125531.9 -4817.2	5321 9.8 130225.2 -4848.6	5411 7.5 130722.7 -4817.4
5142 9.8 124820.2 -4800.1	5232 9.2 125532.9 -4814.0	5322 10.4 130227.7 -4811.7	5412 9.8 130730.2 -4846.0
5143 9.2 124830.4 -4815.9	5233 10.0 125534.4 -4844.6	5323 9.9 130238.2 -4848.2	5413 10.2 130731.2 -4854.0
5144 10.3 124831.9 -4813.4	5234 9.0 125548.9 -4830.1	5324 10.0 130238.2 -4846.1	5414 10.0 130736.2 -4810.0
5145 8.7 124839.4 -4853.5	5235 8.0 125550.4 -4852.2	5325 10.4 130238.7 -4823.4	5415 9.4 130741.2 -4810.6
5146 10.2 124839.4 -4816.0	5236 10.2 125551.4 -4814.2	5326 10.4 130243.7 -4812.1	5416 9.9 130749.2 -4828.6
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5158 10.3 124908.9 -4843.8	5248 9.0 125627.4 -4821.6	5338 10.4 130330.2 -4842.2	5428 10.4 130900.2 -4846.4
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5161 9.7 124930.4 -4821.6	5251 10.2 125648.4 -4815.6	5341 10.0 130337.2 -4804.1	5431 10.2 130903.2 -4804.9
5162 10.1 124933.4 -4825.4	5252 9.4 125651.4 -4848.1	5342 10.0 130340.2 -4833.4	5432 9.4 130915.2 -4834.4
5163 10.4 124933.9 -4850.6	5253 9.8 125659.4 -4846.6	5343 9.8 130341.2 -4829.7	5433 9.8 130920.7 -4848.2
5164 10.0 124949 9 -4845.7	5254 10.4 125711.9 -4854.2	5344 9.6 130342.2 -4807.6	5434 10.0 130923.2 -4844.6
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-48 5452 13h10m

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5472 9.6 131207.8 -4851.7	5562 9.8 131942.1 -4838.0	5652 9.1 132616.4 -4825.9	5742 9.8 133256.0 -4823.8
5473 10.4 131208.3 -4809.3	5563 10.2 131947.1 -4821.9	5653 10.2 132618.9 -4805.2	5743 9.6 133259.0 -4819.8
5474 8.9 131210.8 -4827.5	5564 6.9 131948.1 -4843.8	5654 9.8 132620.9 -4823.0	5744 9.6 133300.5 -4842.5
5475 10.2 131211.3 -4801.5	5565 9.8 131957.6 -4829.9	5655 9.3 132622.4 -4848.2	5745 10.2 133302.5 -4822.5
5476 10.4 131217.8 -4833.0	5566 9.4 132000.6 -4809.2	5656 9.6 132622.4 -4811.6	5746 10.2 133313.0 -4801.5
5477 10.3 131237.8 -4801.2	5567 9.8 132000.6 -4847.1	5657 10.2 132622.9 -4806.9	5747 10.2 133321.0 -4820.1
5478 9.6 131245.8 -4816.0	5568 9.4 132005.6 -4831.7	5658 10.2 132631.7 -4859.6	5748 9.4 133321.0 -4842.1
5479 8.2 131259.8 -4833.8	5569 9.8 132006.1 -4845.2	5659 10.2 132644.4 -4858.8	5749 9.3 133331.5 -4845.9
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5483 10.0 131322.5 -4831.7	5573 9.8 132027.6 -4849.6	5663 10.0 132738.3 -4816.0	5753 10.2 133340.5 -4851.4
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5485 10.2 131327.5 -4821.9	5575 9.4 132031.1 -4827.8	5665 9.6 132742.2 -4849.2	5755 9.8 133410.5 -4822.9
5486 9.8 131329.0 -4811.0	5576 9.8 132035.1 -4859.5	5666 10.0 132742.2 -4848.4	5756 10.2 133411.0 -4823.1
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5491 10.4 131414.0 -4800.9	5581 7.7 132101.1 -4819.2	5671 8.5 132808.7 -4833.1	5761 8.8 133425.0 -4846.7
5492 8.9 131414.2 -4849.6	5582 10.0 132107.6 -4820.1	5672 9.8 132809.2 -4854.1	5762 10.2 133441.5 -4833.2
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5495 10.0 131441.7 -4810.7	5585 9.0 132126.5 -4826.7	5675 9.6 132818.7 -4830.4	5765 9.4 133448.0 -4847.7
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5502 10.4 131511.6 -4821.9	5592 9.0 132151.0 -4813.7	5682 9.6 132843.7 -4838.8	5772 9.8 133514.8 -4850.4
5503 10.0 131512.2 -4801.8	5593 10.2 132204.5 -4815.8	5683 9.6 132849.2 -4804.1	5773 9.4 133520.8 -4847.7
5504 10.0 131520.9 -4801.8	5594 9.4 132205.0 -4850.7	5684 10.0 132850.0 -4857.3	5774 9.4 133523.8 -4801.8
5505 10.4 131528.0 -4817.7	5595 10.0 132206.0 -4827.9	5685 10.0 132850.2 -4848.1	5775 9.4 133526.8 -4854.7
5506 10.4 131529.5 -4840.3	5596 10.0 132208.0 -4802.2	5686 9.6 132856.7 -4853.9	5776 9.8 133527.8 -4830.7
5507 10.2 131530.7 -4825.8	5597 9.6 132221.0 -4828.2	5687 10.0 132859.2 -4832.5	5777 9.8 133531.3 -4828.2
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5511 9.2 131541.4 -4811.2	5601 9.4 132232.0 -4836.0	5691 10.0 132911.7 -4806.6	5781 9.6 133607.8 -4829.5
5512 10.2 131541.9 -4842.9	5602 10.2 132232.0 -4823.1	5692 10.0 132918.2 -4807.4	5782 10.2 133609.3 -4803.8
5513 10.2 131548.4 -4828.5	5603 10.0 132237.0 -4815.1	5693 9.8 132922.2 -4817.2	5783 10.0 133624.3 -4814.7
5514 9.2 131551.4 -4815.0	5604 8.6 132239.5 -4829.0	5694 9.8 132931.2 -4813.7	5784 10.2 133630.0 -4847.9
5515 9.6 131552.4 -4842.2	5605 9.6 132242.0 -4804.1	5695 9.8 132937.7 -4803.3	5785 9.0 133630.3 -4829.0
5516 9.2 131609.9 -4848.2	5606 8.5 132253.5 -4837.0	5696 9.8 132945.2 -4848.3	5786 9.0 133634.8 -4814.8
5517 9.1 131636.7 -4838.1	5607 10.0 132255.5 -4834.4	5697 10.2 132954.1 -4816.9	5787 8.8 133636.8 -4847.3
5518 10.0 131639.2 -4854.4	5608 10.2 132256.0 -4843.4	5698 10.2 132956.1 -4802.6	5788 10.2 133636.8 -4828.8
5519 10.0 131641.2 -4838.5	5609 10.0 132301.0 -4804.2	5699 9.6 133002.6 -4858.9	5789 10.2 133638.0 -4848.0
5520 9.4 131643.7 -4843.2	5610 10.2 132303.0 -4839.2	5700 10.0 133014.6 -4806.4	5790 9.0 133639.3 -4834.9
5521 9.8 131658.2 -4801.1	5611 9.8 132306.5 -4853.2	5701 10.2 133016.1 -4807.0	5791 9.0 133648.8 -4846.2
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5524 9.6 131717.7 -4850.2	5614 9.8 132319.0 -4855.5	5704 10.0 133024.6 -4804.1	5794 9.0 133703.3 -4806.4
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5526 9.8 131732.7 -4837.9	5616 10.0 132340.5 -4838.5	5706 9.4 133027.8 -4858.2	5796 10.0 133711.8 -4817.6
5527 10.2 131739.7 -4822.0	5617 10.2 132341.0 -4855.2	5707 10.2 133032.1 -4851.5	5797 10.2 133718.8 -4845.3
5528 9.0 131743.7 -4823.7	5618 9.8 132342.5 -4805.3	5708 9.8 133035.6 -4917.7	5798 9.1 133722.8 -4848.5
5529 9.8 131750.7 -4821.5	5619 9.6 132343.0 -4835.3	5709 9.0 133040.1 -4820.6	5799 10.2 133728.8 -4810.9
5530 9.4 131750.7 -4843.8	5620 10.0 132344.5 -4813.7	5710 9.4 133051.1 -4839.1	5800 10.2 133730.3 -4810.1
5531 10.0 131754.2 -4818.5	5621 9.6 132345.5 -4849.8	5711 9.8 133055.1 -4831.8	5801 10.2 133731.8 -4828.9
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5541 9.6 131846.2 -4806.4	5631 9.8 132448.4 -4830.0	5721 8.8 133155.3 -4821.7	5811 9.8 133758.7 -4827.0

-48 5811 13h37m

-48 5812 13h37m

-48 6171 14h01m

5812	10.2	133759.2	-4852.5	5902	10.2	134524.0	-4822.5	5992	9.7	135124.7	-4819.8
5813	9.4	133801.7	-4815.3	5903	9.9	134535.0	-4830.9	5993	10.1	135125.7	-4837.8
5814	10.0	133805.2	-4805.2	5904	10.2	134536.0	-4821.9	5994	9.2	135125.7	-4813.7
5815	9.4	133807.2	-4847.1	5905	10.1	134540.5	-4837.9	5995	10.2	135125.7	-4824.8
5816	10.2	133835.2	-4849.4	5906	10.0	134542.0	-4800.9	5996	9.9	135132.2	-4839.7
5817	9.0	133839.7	-4832.2	5907	10.2	134544.5	-4817.6	5997	9.9	135132.3	-4812.7
5818	9.8	133840.7	-4813.2	5908	9.6	134549.5	-4848.1	5998	8.2	135138.8	-4824.4
5819	9.6	133841.7	-4826.2	5909	9.4	134554.0	-4854.2	5999	9.9	135146.3	-4839.4
5820	9.8	133844.7	-4811.0	5910	9.3	134554.0	-4848.9	6000	9.7	135147.8	-4840.5
5821	9.0	133850.5	-4801.0	5911	8.4	134556.0	-4825.9	6001	8.9	135148.3	-4828.2
5822	9.4	133916.2	-4826.2	5912	10.2	134559.0	-4811.1	6002	9.7	135149.3	-4801.5
5823	10.2	133921.7	-4858.6	5913	10.2	134607.5	-4812.7	6003	10.2	135150.3	-4851.3
5824	9.6	133925.7	-4823.7	5914	9.6	134613.5	-4824.7	6004	10.1	135151.3	-4834.0
5825	9.0	133926.2	-4842.8	5915	10.1	134622.5	-4826.7	6005	10.0	135154.3	-4847.0
5826	10.2	133933.2	-4820.3	5916	7.5	134629.0	-4804.5	6006	10.2	135203.3	-4804.4
5827	10.2	133940.2	-4838.7	5917	9.8	134629.0	-4852.6	6007	10.0	135205.3	-4850.0
5828	8.2	133948.7	-4853.6	5918	9.8	134629.5	-4821.8	6008	9.9	135207.3	-4827.8
5829	10.2	133955.2	-4853.4	5919	10.2	134632.0	-4853.9	6009	9.8	135211.3	-4851.7
5830	9.0	133958.7	-4855.7	5920	9.8	134634.0	-4848.4	6010	10.0	135212.8	-4844.2
5831	9.6	134000.2	-4804.7	5921	9.8	134634.0	-4807.5	6011	9.6	135218.8	-4851.1
5832	10.0	134003.2	-4824.4	5922	9.7	134636.5	-4804.5	6012	10.2	135226.3	-4815.0
5833	7.8	134004.7	-4832.2	5923	8.1	134644.0	-4841.6	6013	10.1	135231.8	-4842.0
5834	10.2	134010.2	-4830.7	5924	10.2	134652.5	-4809.9	6014	9.1	135236.3	-4812.2
5835	10.2	134011.2	-4844.7	5925	10.2	134659.5	-4814.9	6015	9.2	135236.8	-4859.6
5836	9.6	134011.7	-4825.9	5926	10.2	134704.0	-4838.5	6016	9.3	135242.5	-4858.2
5837	9.6	134012.5	-4830.8	5927	10.2	134705.0	-4809.7	6017	8.6	135249.3	-4840.0
5838	10.2	134012.7	-4824.5	5928	9.7	134718.6	-4811.2	6018	9.4	135250.8	-4848.2
5839	10.2	134016.7	-4800.4	5929	10.2	134732.6	-4818.2	6019	9.1	135251.3	-4808.2
5840	9.3	134023.0	-4842.0	5930	10.2	134743.1	-4803.6	6020	8.1	135253.8	-4855.2
5841	10.0	134026.0	-4802.3	5931	8.1	134743.6	-4844.9	6021	10.0	135256.3	-4823.7
5842	9.0	134027.0	-4818.2	5932	9.8	134744.6	-4858.8	6022	9.4	135257.8	-4811.2
5843	9.8	134027.3	-4800.1	5933	9.6	134745.6	-4829.6	6023	10.2	135302.3	-4846.2
5844	10.0	134028.5	-4840.7	5934	9.9	134748.6	-4859.8	6024	9.6	135305.3	-4850.5
5845	10.2	134034.5	-4832.6	5935	10.1	134749.1	-4820.0	6025	10.2	135306.8	-4853.8
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5847	9.6	134045.5	-4840.3	5937	10.2	134802.6	-4850.4	6027	9.6	135310.3	-4844.8
5848	9.6	134058.0	-4840.9	5938	9.7	134804.6	-4845.6	6028	9.8	135312.8	-4844.9
5849	10.2	134112.0	-4804.7	5939	9.1	134804.6	-4834.8	6029	10.2	135312.8	-4859.4
5850	10.2	134115.7	-4846.6	5940	9.0	134809.6	-4843.0	6030	9.6	135313.8	-4839.4
5851	9.6	134119.0	-4803.6	5941	9.9	134810.6	-4851.8	6031	9.8	135314.3	-4837.2
5852	8.6	134122.0	-4845.5	5942	9.6	134813.6	-4808.8	6032	9.8	135315.8	-4853.6
5853	10.0	134131.5	-4818.3	5943	7.8	134813.6	-4816.6	6033	10.0	135316.8	-4834.7
5854	8.4	134134.5	-4842.4	5944	9.6	134813.6	-4812.7	6034	10.0	135317.8	-4851.2
5855	9.0	134140.0	-4810.5	5945	9.7	134814.6	-4830.2	6035	9.8	135323.3	-4832.2
5856	9.8	134141.5	-4815.0	5946	9.3	134816.1	-4850.7	6036	9.0	135334.3	-4806.2
5857	9.8	134146.5	-4850.5	5947	10.1	134819.6	-4850.2	6037	10.1	135340.3	-4856.2
5858	10.0	134150.0	-4849.7	5948	9.8	134823.6	-4824.4	6038	10.0	135352.3	-4816.6
5859	10.2	134151.5	-4839.3	5949	10.0	134834.1	-4857.3	6039	9.8	135352.3	-4803.9
5860	10.2	134202.8	-4858.8	5950	9.4	134837.6	-4816.4	6040	10.2	135400.8	-4807.2
5861	9.4	134210.0	-4821.1	5951	10.2	134839.1	-4830.8	6041	9.8	135401.3	-4811.2
5862	10.2	134210.0	-4848.1	5952	10.2	134841.6	-4830.3	6042	9.6	135402.3	-4849.0
5863	9.4	134214.5	-4836.9	5953	10.1	134844.6	-4837.9	6043	10.1	135403.3	-4825.4
5864	9.8	134218.5	-4814.8	5954	9.8	134853.6	-4847.0	6044	9.9	135407.3	-4813.0
5865	10.2	134220.0	-4816.0	5955	10.1	134855.6	-4820.4	6045	9.7	135409.8	-4818.6
5866	10.0	134222.5	-4810.6	5956	8.2	134857.6	-4830.0	6046	9.9	135410.3	-4844.6
5867	10.0	134224.5	-4838.9	5957	10.1	134859.1	-4819.6	6047	9.6	135417.3	-4841.6
5868	9.8	134230.5	-4833.8	5958	9.9	134901.1	-4828.5	6048	9.6	135422.3	-4813.8
5869	9.8	134237.0	-4844.2	5959	10.2	134903.1	-4818.0	6049	10.0	135430.8	-4837.2
5870	10.2	134244.0	-4826.0	5960	10.2	134903.3	-4818.7	6050	9.8	135436.8	-4800.2
5871	9.4	134249.5	-4854.0	5961	10.2	134905.6	-4814.4	6051	10.1	135442.3	-4851.2
5872	9.8	134257.0	-4825.2	5962	9.0	134909.6	-4838.0	6052	10.2	135443.3	-4838.0
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-48 6172 14h01m

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6244 9.8 140512.5 -4826.6	6334 9.8 141112.1 -4854.0	6424 10.3 141637.6 -4824.2	6514 10.0 142344.1 -4842.0
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6251 10.1 140532.0 -4820.5	6341 10.2 141134.6 -4803.0	6431 10.3 141719.1 -4811.3	6521 9.3 142407.6 -4830.8
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6261 9.6 140638.4 -4815.2	6351 10.2 141157.6 -4819.6	6441 10.3 141751.6 -4812.3	6531 10.3 142450.6 -4854.0

-48 6531 14h24m

-48 6532 14h24m

-48 6891 14h45m

6532	9.8	142454.1	-4837.7	6622	10.3	143029.0	-4841.5	6712	10.3	143530.2	-4848.7
6533	9.6	142457.6	-4827.4	6623	9.0	143030.0	-4833.1	6713	10.3	143531.7	-4836.0
6534	10.3	142457.6	-4841.2	6624	9.8	143033.0	-4839.0	6714	10.0	143537.7	-4846.0
6535	9.8	142458.1	-4853.0	6625	10.2	143033.0	-4830.0	6715	10.3	143547.4	-4857.3
6536	9.9	142500.6	-4828.4	6626	9.3	143034.5	-4818.6	6716	10.3	143549.7	-4843.8
6537	10.0	142501.1	-4831.5	6627	9.1	143039.0	-4834.0	6717	10.3	143550.2	-4812.6
6538	9.6	142504.6	-4815.2	6628	9.8	143040.0	-4815.5	6718	9.6	143550.7	-4811.2
6539	8.1	142505.1	-4833.2	6629	9.5	143040.0	-4824.3	6719	10.3	143558.7	-4844.0
6540	10.3	142508.1	-4812.2	6630	9.8	143042.0	-4828.9	6720	9.4	143558.7	-4852.0
6541	10.3	142508.6	-4809.4	6631	10.2	143042.0	-4826.1	6721	10.3	143602.7	-4813.0
6542	10.0	142512.1	-4834.4	6632	10.2	143043.0	-4820.8	6722	10.3	143607.2	-4811.0
6543	9.6	142512.6	-4844.2	6633	10.2	143045.0	-4832.1	6723	10.3	143609.7	-4813.4
6544	9.4	142514.1	-4837.0	6634	10.0	143050.5	-4849.0	6724	10.2	143613.7	-4851.5
6545	10.3	142518.6	-4817.6	6635	10.0	143051.0	-4814.9	6725	10.0	143615.7	-4840.7
6546	9.3	142521.4	-4802.5	6636	10.2	143057.5	-4835.2	6726	10.2	143620.7	-4842.6
6547	10.2	142527.4	-4800.9	6637	10.2	143100.0	-4844.9	6727	10.2	143628.2	-4845.3
6548	9.6	142540.4	-4824.1	6638	10.0	143100.0	-4826.7	6728	9.6	143638.7	-4819.5
6549	10.0	142540.4	-4838.2	6639	10.3	143102.0	-4801.4	6729	10.3	143638.7	-4850.8
6550	10.2	142548.4	-4845.6	6640	7.2	143103.0	-4830.5	6730	9.8	143639.7	-4814.5
6551	9.0	142549.4	-4830.2	6641	10.3	143104.5	-4834.6	6731	9.3	143647.2	-4855.3
6552	9.8	142550.4	-4847.0	6642	10.3	143108.0	-4828.0	6732	9.3	143649.7	-4847.2
6553	10.0	142554.9	-4808.4	6643	10.3	143112.0	-4835.7	6733	10.2	143649.7	-4844.0
6554	9.8	142555.4	-4811.9	6644	9.4	143115.0	-4806.4	6734	10.2	143649.7	-4855.6
6555	10.3	142606.3	-4837.7	6645	9.8	143120.0	-4855.1	6735	9.8	143657.2	-4840.6
6556	9.3	142620.4	-4819.2	6646	9.8	143120.0	-4813.4	6736	10.2	143657.7	-4857.0
6557	9.4	142620.9	-4834.5	6647	9.6	143126.0	-4813.2	6737	10.3	143659.7	-4851.4
6558	8.8	142631.4	-4817.1	6648	9.8	143128.0	-4859.4	6738	9.2	143659.7	-4813.6
6559	9.9	142633.1	-4802.5	6649	10.0	143138.0	-4857.0	6739	10.2	143700.2	-4853.7
6560	10.0	142635.8	-4800.1	6650	10.3	143138.5	-4817.8	6740	10.0	143704.6	-4808.2
6561	10.0	142638.4	-4855.2	6651	10.3	143150.0	-4852.9	6741	9.3	143708.6	-4818.0
6562	9.8	142638.4	-4809.4	6652	9.6	143200.5	-4820.7	6742	10.3	143709.1	-4854.2
6563	9.8	142638.9	-4838.6	6653	9.0	143205.0	-4839.0	6743	10.0	143711.6	-4845.2
6564	9.9	142641.9	-4838.2	6654	9.0	143212.0	-4840.0	6744	9.6	143712.6	-4836.8
6565	9.9	142644.4	-4802.2	6655	10.2	143220.0	-4802.5	6745	9.6	143713.1	-4844.7
6566	9.8	142645.9	-4834.1	6656	10.3	143222.0	-4828.8	6746	10.2	143719.6	-4839.7
6567	10.2	142650.2	-4859.0	6657	10.3	143222.0	-4828.3	6747	9.4	143720.6	-4810.0
6568	9.2	142655.4	-4825.1	6658	10.3	143228.0	-4819.8	6748	10.3	143731.6	-4802.0
6569	9.8	142655.9	-4845.2	6659	10.0	143228.5	-4815.0	6749	10.0	143734.6	-4853.6
6570	9.3	142657.9	-4844.7	6660	10.3	143231.0	-4849.0	6750	10.3	143735.6	-4814.4
6571	10.3	142701.4	-4810.5	6661	10.0	143232.5	-4801.0	6751	10.3	143737.6	-4809.0
6572	10.0	142703.9	-4841.5	6662	10.2	143236.0	-4811.6	6752	9.8	143738.6	-4829.2
6573	10.2	142708.9	-4842.8	6663	10.3	143240.0	-4853.8	6753	10.0	143739.6	-4840.0
6574	10.3	142713.9	-4838.8	6664	9.9	143246.0	-4845.2	6754	9.3	143744.6	-4820.7
6575	10.0	142715.9	-4810.8	6665	10.3	143251.2	-4858.6	6755	10.3	143745.1	-4816.5
6576	10.3	142720.3	-4853.6	6666	9.8	143300.0	-4801.4	6756	9.6	143750.6	-4846.2
6577	9.8	142720.3	-4841.6	6667	9.6	143301.0	-4848.0	6757	8.4	143751.6	-4807.6
6578	9.8	142734.8	-4825.0	6668	10.3	143301.0	-4803.9	6758	9.6	143800.1	-4821.6
6579	10.0	142740.3	-4809.5	6669	9.6	143302.0	-4826.2	6759	10.3	143800.6	-4823.7
6580	9.8	142748.8	-4840.7	6670	9.2	143305.0	-4846.2	6760	10.2	143801.1	-4824.1
6581	9.9	142751.8	-4819.0	6671	9.9	143311.8	-4804.2	6761	9.9	143804.1	-4808.2
6582	10.3	142752.3	-4807.1	6672	10.0	143330.8	-4804.8	6762	9.1	143807.6	-4841.8
6583	10.2	142753.3	-4809.3	6673	9.6	143333.3	-4851.1	6763	10.3	143810.1	-4844.3
6584	10.3	142754.8	-4803.1	6674	9.6	143334.8	-4832.8	6764	10.3	143810.1	-4804.7
6585	10.3	142758.2	-4824.2	6675	9.8	143337.8	-4834.6	6765	9.8	143814.1	-4809.4
6586	9.8	142802.3	-4848.0	6676	10.3	143342.3	-4852.0	6766	10.3	143816.1	-4854.2
6587	10.3	142808.3	-4805.7	6677	10.2	143344.8	-4815.0	6767	10.3	143819.7	-4858.7
6588	10.2	142810.3	-4835.0	6678	9.8	143349.8	-4850.8	6768	10.2	143829.6	-4840.2
6589	10.3	142814.3	-4841.8	6679	10.2	143349.8	-4820.7	6769	9.8	143829.6	-4852.4
6590	10.0	142818.3	-4843.0	6680	10.2	143352.3	-4811.6	6770	10.2	143840.1	-4859.7
6591	10.3	142821.9	-4858.1	6681	10.2	143354.3	-4817.2	6771	10.3	143849.6	-4841.1
6592	10.0	142825.3	-4843.8	6682	9.8	143359.3	-4810.1	6772	10.3	143853.1	-4847.0
6593	9.8	142826.8	-4813.5	6683	10.2	143400.8	-4829.0	6773	10.3	143859.6	-4845.6
6594	10.2	142829.8	-4822.0	6684	10.2	143401.3	-4821.5	6774	10.3	143900.6	-4849.1
6595	10.2	142833.8	-4854.0	6685	10.2	143401.8	-4845.0	6775	10.3	143901.5	-4833.6
6596	10.0	142836.3	-4854.2	6686	10.3	143403.8	-4854.1	6776	8.8	143901.5	-4809.3
6597	10.2	142840.3	-4846.4	6687	9.6	143407.8	-4849.2	6777	10.2	143902.0	-4806.0
6598	10.3	142853.0	-4834.0	6688	10.2	143411.8	-4813.2	6778	9.3	143904.5	-4847.6
6599	9.9	142855.0	-4844.2	6689	10.3	143414.3	-4853.0	6779	9.3	143904.5	-4842.7
6600	10.3	142859.0	-4817.0	6690	10.0	143414.8	-4845.0	6780	9.6	143913.0	-4826.4
6601	9.2	142901.0	-4854.8	6691	8.6	143415.8	-4842.8	6781	9.6	143914.5	-4817.5
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6606	10.0	142920.0	-4832.8	6696	10.0	143419.8	-4833.2	6786	8.9	143930.0	-4855.0
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6608	10.2	142921.0	-4803.0	6698	8.4	143435.3	-4814.4	6788	9.9	143934.0	-4815.8
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6610	4.2	142929.0	-4852.8	6700	10.3	143444.8	-4828.9	6790	10.0	143936.0	-4846.4
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6612	9.8	142936.0	-4806.2	6702	10.0	143450.3	-4829.0	6792	9.8	143942.5	-4843.2
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6805	9.6	144039.5	-4827.4								
6806	9.9	144040.5	-4847.6								
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6808	10.0	144053.0	-4841.7								
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6814	9.5	144106.9	-4805.0								
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6817	9.8	144110.4	-4853.3								
6818	8.3	144118.4	-4806.8								
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6847	8.9	144253.4	-4806.0								
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6853	10.3	144303.9	-4846.2								
6854	9.6	144307.1	-4802.0								
6855	9.9	144311.2	-4805.2								
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6857	9.8	144313.2	-4808.0								
6858	10.3	144313.7	-4831.2								
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6860	10.2	144324.7	-4859.5								
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6862	10.2	144326.2	-4838.4								
6863	9.6	144331.2	-4836.0								
6864	10.0	144336.7	-4837.0								
6865	9.6	144336.9	-4802.2								
6866	8.8	144340.7	-4832.7								
6867	9.6	144346.2	-4809.5								
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6869	9.8	144350.7	-4848.8								
6870	8.3	144355.2	-4814.1								
6871	10.2	144357.7	-4838.9								
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6873	10.3	144359.7	-4807.6								
6874	9.6	144412.2	-4847.9								
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6883	10.0	144509.4	-4808.7								
6884	10.6	144510.0	-4854.0								
6885	10.4	144510.4	-4803.3								
6886	10.6	144513.5	-4859.2								
6887	10.6	144516.6	-4856.6								
6888	8.8	144527.1	-4857.9								
6889	10.6	144531.0	-4856.1								
6890	8.7	144531.0	-4817.5								
6891	10.6	144538.7	-4845.4								

-48 6892 14h45m

-48 7251 15h05m

6892 10.6 144543.5 -4829.3	6982 7.5 145036.5 -4819.2	7072 10.6 145627.0 -4859.7	7162 10.6 150120.5 -4833.5
6893 10.6 144546.5 -4813.5	6983 10.0 145043.5 -4840.8	7073 10.0 145638.0 -4827.3	7163 10.6 150123.0 -4858.0
6894 8.6 144550.0 -4811.9	6984 9.0 145048.5 -4844.1	7074 9.6 145639.0 -4814.6	7164 9.6 150128.0 -4850.5
6895 10.1 144550.0 -4828.8	6985 10.3 145054.0 -4848.1	7075 10.4 145641.5 -4855.5	7165 10.0 150130.0 -4816.2
6896 10.6 144555.0 -4833.5	6986 10.6 145058.5 -4806.2	7076 10.6 145644.0 -4848.3	7166 10.4 150130.0 -4839.5
6897 10.2 144603.5 -4851.5	6987 10.4 145101.5 -4846.5	7077 10.4 145650.0 -4805.2	7167 10.4 150130.0 -4857.6
6898 10.4 144609.0 -4827.4	6988 9.0 145121.0 -4813.1	7078 10.4 145651.5 -4803.6	7168 10.6 150134.0 -4841.3
6899 10.6 144610.0 -4830.6	6989 9.4 145121.0 -4858.1	7079 10.3 145700.0 -4823.9	7169 8.4 150138.0 -4830.9
6900 10.4 144611.0 -4813.8	6990 10.6 145125.0 -4855.3	7080 10.0 145701.5 -4853.8	7170 10.0 150141.0 -4859.0
6901 10.0 144612.5 -4849.0	6991 9.8 145130.0 -4804.3	7081 10.0 145711.5 -4833.3	7171 10.4 150145.7 -4859.8
6902 9.2 144614.0 -4854.1	6992 10.3 145130.5 -4806.6	7082 9.4 145713.1 -4801.4	7172 10.6 150146.0 -4838.3
6903 7.3 144625.0 -4811.1	6993 10.6 145130.5 -4834.1	7083 10.0 145717.0 -4820.3	7173 9.6 150146.5 -4809.4
6904 10.4 144631.5 -4808.8	6994 10.0 145133.5 -4808.5	7084 10.4 145717.0 -4834.3	7174 10.4 150148.1 -4844.1
6905 9.1 144642.0 -4808.6	6995 10.6 145144.5 -4825.9	7085 6.7 145723.5 -4823.6	7175 10.3 150154.0 -4852.1
6906 10.6 144700.0 -4840.6	6996 9.4 145158.0 -4840.9	7086 8.7 145730.0 -4846.7	7176 10.6 150154.0 -4806.4
6907 10.6 144703.0 -4810.1	6997 10.1 145206.0 -4807.9	7087 10.6 145732.0 -4845.9	7177 10.3 150157.5 -4811.6
6908 10.6 144710.0 -4809.7	6998 10.6 145207.0 -4844.0	7088 10.6 145736.5 -4859.3	7178 10.3 150158.0 -4804.3
6909 10.6 144710.0 -4842.2	6999 10.0 145210.0 -4848.7	7089 10.0 145738.5 -4824.7	7179 10.6 150200.0 -4843.1
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6913 10.6 144720.0 -4819.8	7003 9.6 145228.5 -4810.2	7093 10.4 145744.0 -4808.1	7183 10.6 150211.5 -4838.7
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6916 9.8 144727.5 -4842.1	7006 9.8 145238.0 -4847.2	7096 10.3 145749.5 -4843.3	7186 9.4 150220.0 -4814.2
6917 10.4 144730.0 -4807.6	7007 10.6 145239.0 -4831.2	7097 10.3 145755.0 -4817.3	7187 10.6 150225.0 -4810.7
6918 9.6 144731.5 -4836.2	7008 10.6 145240.0 -4809.6	7098 10.1 145758.0 -4841.2	7188 10.6 150227.7 -4859.7
6919 10.6 144732.5 -4826.5	7009 9.4 145240.0 -4844.1	7099 10.0 145801.0 -4805.3	7189 10.4 150235.0 -4854.1
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6921 10.0 144741.0 -4825.8	7011 10.0 145254.5 -4816.6	7101 10.6 145804.0 -4834.4	7191 10.4 150239.0 -4834.0
6922 10.6 144741.0 -4814.2	7012 10.6 145305.0 -4808.6	7102 10.6 145806.0 -4806.9	7192 9.0 150239.0 -4822.8
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6925 10.6 144754.0 -4810.2	7015 10.2 145312.0 -4811.8	7105 9.5 145818.5 -4855.6	7195 10.2 150244.5 -4834.5
6926 9.8 144754.5 -4829.2	7016 9.6 145312.0 -4849.2	7106 9.5 145826.0 -4833.5	7196 9.4 150247.0 -4813.7
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6929 10.6 144801.0 -4801.6	7019 8.8 145326.0 -4835.5	7109 10.0 145832.0 -4821.3	7199 4.2 150314.5 -4815.7
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6932 10.2 144804.5 -4850.2	7022 10.6 145344.0 -4857.2	7112 10.0 145838.0 -4830.9	7202 9.4 150330.0 -4812.7
6933 10.1 144806.5 -4837.8	7023 9.8 145346.0 -4846.2	7113 10.6 145840.5 -4813.3	7203 10.6 150330.0 -4808.2
6934 10.1 144808.0 -4833.2	7024 10.3 145350.0 -4857.6	7114 10.6 145844.5 -4806.0	7204 9.1 150330.0 -4856.9
6935 10.4 144809.0 -4853.2	7025 10.1 145350.0 -4859.3	7115 7.5 145845.0 -4836.2	7205 10.3 150330.7 -4857.2
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6937 8.6 144809.3 -4801.6	7027 8.8 145409.0 -4802.5	7117 10.4 145900.0 -4813.4	7207 9.6 150332.5 -4825.3
6938 10.4 144814.0 -4825.1	7028 10.2 145410.0 -4838.9	7118 10.2 145902.0 -4834.6	7208 9.0 150333.0 -4805.9
6939 9.8 144814.0 -4855.1	7029 9.8 145426.0 -4811.3	7119 10.6 145902.0 -4850.1	7209 9.8 150334.5 -4836.3
6940 10.6 144821.0 -4826.8	7030 8.2 145432.5 -4817.6	7120 10.1 145905.0 -4842.0	7210 10.6 150341.0 -4819.6
6941 10.6 144827.5 -4842.3	7031 10.6 145437.5 -4834.8	7121 10.4 145911.0 -4840.4	7211 10.6 150342.0 -4828.3
6942 8.0 144828.0 -4834.5	7032 10.3 145439.5 -4851.3	7122 9.4 145912.0 -4854.7	7212 10.6 150345.5 -4832.4
6943 9.8 144832.0 -4820.6	7033 10.6 145442.0 -4804.5	7123 10.1 145915.0 -4841.9	7213 9.6 150348.0 -4810.3
6944 10.0 144835.5 -4811.1	7034 10.2 145450.3 -4857.4	7124 8.6 145920.0 -4803.7	7214 10.0 150403.5 -4807.0
6945 10.4 144842.0 -4847.4	7035 10.4 145452.0 -4818.6	7125 10.2 145920.0 -4847.0	7215 10.4 150410.0 -4813.5
6946 10.0 144844.0 -4846.2	7036 10.6 145455.0 -4818.6	7126 10.3 145922.0 -4816.2	7216 9.8 150410.3 -4800.6
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6951 10.6 144908.5 -4823.2	7041 10.3 145503.5 -4835.2	7131 10.0 145935.0 -4814.3	7221 9.8 150426.0 -4821.3
6952 10.6 144914.5 -4838.7	7042 9.6 145505.0 -4818.3	7132 10.6 145935.0 -4857.0	7222 10.0 150430.5 -4846.2
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6962 10.3 144945.0 -4823.9	7052 9.0 145530.5 -4848.8	7142 10.6 150013.5 -4803.1	7232 9.5 150510.0 -4841.5
6963 9.8 144947.5 -4852.3	7053 9.2 145533.0 -4854.0	7143 10.6 150017.5 -4824.6	7233 10.4 150514.8 -4858.4
6964 10.6 144948.0 -4810.7	7054 10.0 145533.0 -4811.3	7144 8.6 150018.5 -4805.0	7234 9.4 150519.8 -4817.1
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6967 10.1 145000.0 -4839.6	7057 9.4 145543.0 -4852.7	7147 8.8 150028.5 -4810.6	7237 9.6 150529.8 -4832.3
6968 10.1 145000.0 -4855.3	7058 10.4 145544.5 -4806.6	7148 10.2 150029.0 -4830.0	7238 10.4 150531.3 -4842.8
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6970 10.3 145010.0 -4804.7	7060 10.3 145550.0 -4845.9	7150 10.6 150045.5 -4849.3	7240 10.6 150532.3 -4848.1
6971 10.4 145010.0 -4823.7	7061 9.6 145551.0 -4831.2	7151 10.4 150048.5 -4824.4	7241 10.3 150532.3 -4827.6
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6980 10.6 145030.5 -4817.6	7070 10.6 145630.0 -4854.1	7160 10.4 150119.0 -4826.8	7250 10.3 150552.3 -4816.8
6981 10.3 145034.5 -4807.3	7071 10.6 145650.0 -4814.7	7161 10.0 150119.5 -4837.4	7251 10.4 150553.8 -4823.8

-48 7252 15h05m

-48 7611 15h24m

7252	9.4	150555.8	-4848.7	7342	10.6	151019.8	-4821.1	7432	10.3	151525.6	-4803.8
7253	10.4	150559.8	-4811.5	7343	10.0	151019.8	-4802.0	7433	10.0	151528.3	-4805.9
7254	10.0	150603.8	-4832.2	7344	10.6	151020.8	-4815.1	7434	9.6	151528.4	-4817.9
7255	9.0	150609.8	-4851.1	7345	10.4	151021.8	-4850.2	7435	9.4	151532.4	-4807.9
7256	10.4	150617.3	-4809.0	7346	10.6	151025.0	-4859.3	7436	9.8	151535.9	-4813.3
7257	8.4	150617.3	-4816.7	7347	10.6	151025.8	-4826.2	7437	9.6	151542.4	-4824.3
7258	10.0	150622.8	-4859.0	7348	10.6	151032.3	-4828.6	7438	10.0	151543.0	-4859.0
7259	10.3	150628.8	-4804.0	7349	10.6	151032.8	-4823.4	7439	9.0	151545.7	-4802.4
7260	10.4	150634.8	-4829.1	7350	10.2	151038.3	-4845.0	7440	7.7	151547.9	-4808.1
7261	10.2	150636.3	-4838.2	7351	10.4	151042.8	-4820.7	7441	10.0	151549.2	-4838.7
7262	10.2	150641.8	-4832.2	7352	9.5	151042.8	-4803.0	7442	10.0	151549.4	-4848.1
7263	8.2	150644.8	-4844.7	7353	9.8	151047.8	-4814.8	7443	10.0	151550.4	-4801.4
7264	10.6	150644.8	-4829.7	7354	10.2	151048.8	-4833.4	7444	9.4	151551.4	-4837.1
7265	10.6	150648.8	-4828.5	7355	10.4	151049.8	-4827.7	7445	9.9	151553.4	-4803.0
7266	10.6	150649.8	-4850.5	7356	10.4	151051.3	-4840.9	7446	10.0	151556.4	-4848.2
7267	10.2	150649.8	-4826.7	7357	10.6	151055.8	-4803.1	7447	9.8	151559.4	-4844.2
7268	10.4	150650.3	-4803.4	7358	10.6	151055.8	-4846.7	7448	9.0	151601.4	-4808.5
7269	10.6	150651.6	-4828.9	7359	10.6	151100.3	-4846.9	7449	8.8	151602.4	-4822.7
7270	10.0	150652.8	-4840.0	7360	9.6	151101.8	-4846.1	7450	8.6	151605.9	-4821.2
7271	10.4	150653.3	-4806.0	7361	10.6	151103.5	-4857.3	7451	9.7	151607.4	-4839.1
7272	10.4	150655.3	-4804.7	7362	10.2	151105.3	-4807.1	7452	9.7	151612.4	-4844.3
7273	10.2	150658.8	-4843.8	7363	10.4	151108.8	-4838.8	7453	9.3	151612.9	-4852.0
7274	10.6	150707.8	-4852.7	7364	10.1	151110.3	-4837.1	7454	9.7	151620.4	-4802.3
7275	10.4	150708.3	-4803.7	7365	10.6	151112.3	-4837.1	7455	9.4	151622.4	-4847.8
7276	9.1	150714.3	-4803.8	7366	9.6	151118.3	-4825.7	7456	9.2	151630.9	-4806.2
7277	8.2	150716.8	-4832.9	7367	9.4	151119.8	-4815.8	7457	9.4	151632.4	-4848.3
7278	10.3	150717.8	-4820.1	7368	10.6	151120.3	-4803.0	7458	8.5	151633.9	-4837.3
7279	10.2	150719.8	-4857.0	7369	10.0	151120.4	-4801.5	7459	9.6	151635.9	-4846.6
7280	10.4	150721.8	-4858.9	7370	10.4	151122.8	-4809.3	7460	9.4	151638.4	-4802.5
7281	10.2	150721.8	-4848.5	7371	10.1	151124.8	-4857.3	7461	9.8	151645.4	-4818.9
7282	9.4	150724.8	-4839.7	7372	10.6	151128.8	-4831.5	7462	9.6	151649.4	-4822.7
7283	9.6	150729.8	-4816.3	7373	10.6	151130.3	-4810.0	7463	9.6	151652.4	-4833.0
7284	10.0	150733.8	-4846.1	7374	10.2	151132.3	-4822.8	7464	9.8	151701.9	-4805.8
7285	9.6	150734.8	-4856.9	7375	10.3	151138.8	-4813.4	7465	10.0	151705.4	-4851.9
7286	10.6	150742.3	-4806.9	7376	9.6	151155.4	-4800.5	7466	9.2	151705.9	-4803.6
7287	10.3	150742.3	-4823.7	7377	10.6	151156.3	-4813.3	7467	9.6	151711.4	-4808.1
7288	10.6	150742.3	-4850.9	7378	10.4	151159.8	-4853.1	7468	9.8	151720.4	-4849.4
7289	10.6	150745.8	-4803.1	7379	9.6	151202.3	-4846.5	7469	8.8	151724.9	-4833.3
7290	10.6	150747.8	-4811.0	7380	10.6	151202.3	-4809.5	7470	9.7	151727.4	-4823.7
7291	10.6	150748.8	-4828.4	7381	9.8	151202.8	-4841.4	7471	8.2	151727.9	-4811.7
7292	9.2	150750.8	-4836.5	7382	10.1	151212.8	-4806.5	7472	10.0	151727.9	-4802.2
7293	8.8	150753.3	-4840.5	7383	10.2	151219.3	-4855.5	7473	9.7	151742.9	-4856.1
7294	10.6	150753.8	-4819.1	7384	9.4	151222.3	-4820.7	7474	9.2	151743.4	-4845.3
7295	9.6	150754.8	-4845.5	7385	10.3	151231.8	-4825.1	7475	9.8	151751.9	-4852.2
7296	10.3	150758.3	-4851.4	7386	10.4	151236.8	-4859.9	7476	9.7	151752.9	-4806.1
7297	10.6	150759.8	-4849.1	7387	9.8	151237.8	-4853.7	7477	9.7	151757.4	-4852.6
7298	10.1	150803.3	-4814.6	7388	10.6	151241.3	-4848.1	7478	9.7	151758.4	-4816.5
7299	10.6	150810.8	-4801.1	7389	10.6	151241.3	-4807.7	7479	9.0	151801.4	-4841.5
7300	10.6	150814.8	-4848.5	7390	10.6	151248.8	-4820.1	7480	10.0	151804.4	-4850.7
7301	9.2	150830.8	-4824.1	7391	9.1	151256.3	-4824.8	7481	9.2	151805.4	-4840.8
7302	10.1	150831.8	-4811.1	7392	10.1	151259.8	-4831.9	7482	9.4	151809.9	-4823.3
7303	10.6	150833.3	-4826.7	7393	10.6	151259.8	-4829.7	7483	10.0	151810.4	-4819.3
7304	10.6	150833.3	-4846.9	7394	8.4	151259.8	-4819.5	7484	9.0	151813.9	-4847.4
7305	10.6	150846.3	-4816.7	7395	10.6	151259.8	-4809.9	7485	8.8	151815.4	-4800.9
7306	10.6	150848.3	-4836.0	7396	10.6	151300.8	-4815.3	7486	9.4	151818.4	-4846.0
7307	8.2	150848.3	-4855.8	7397	10.3	151304.3	-4827.9	7487	9.4	151819.6	-4802.1
7308	10.0	150851.3	-4856.3	7398	10.2	151308.8	-4846.2	7488	9.2	151820.4	-4827.4
7309	10.6	150855.3	-4853.3	7399	9.6	151310.8	-4807.8	7489	9.4	151822.4	-4830.7
7310	10.6	150901.3	-4838.5	7400	10.4	151318.8	-4845.3	7490	10.0	151839.4	-4842.0
7311	9.1	150902.8	-4807.8	7401	9.6	151318.8	-4849.1	7491	9.4	151841.4	-4809.6
7312	10.6	150909.8	-4849.9	7402	9.6	151322.8	-4817.9	7492	9.4	151846.9	-4804.1
7313	10.0	150910.8	-4852.6	7403	10.6	151324.8	-4839.1	7493	9.6	151850.9	-4816.0
7314	10.0	150910.8	-4811.9	7404	10.4	151328.3	-4851.0	7494	9.4	151858.9	-4841.0
7315	10.1	150911.3	-4815.6	7405	9.6	151329.8	-4810.9	7495	9.4	151900.4	-4844.2
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7317	9.6	150918.8	-4828.0	7407	9.6	151330.4	-4801.7	7497	10.0	151911.4	-4828.7
7318	9.8	150919.3	-4801.3	7408	10.0	151339.8	-4809.1	7498	9.9	151914.8	-4801.3
7319	8.8	150926.0	-4800.9	7409	10.6	151341.3	-4850.6	7499	10.0	151914.9	-4815.0
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7322	9.1	150934.5	-4802.3	7412	10.6	151356.8	-4805.4	7502	9.8	151920.4	-4839.6
7323	9.8	150935.8	-4830.9	7413	10.3	151356.8	-4854.5	7503	10.0	151925.4	-4859.9
7324	10.0	150939.8	-4816.3	7414	10.6	151357.8	-4837.2	7504	10.0	151925.4	-4813.2
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7326	10.3	150949.8	-4830.9	7416	9.0	151409.8	-4856.7	7506	10.0	151930.4	-4807.1
7327	10.2	150950.8	-4854.9	7417	10.6	151416.8	-4812.5	7507	10.0	151932.4	-4830.7
7328	10.3	150953.3	-4813.9	7418	10.4	151421.9	-4854.5	7508	10.0	151932.9	-4813.3
7329	10.3	150954.8	-4827.5	7419	10.3	151422.3	-4836.1	7509	9.6	151934.9	-4844.4
7330	10.4	150957.3	-4829.3	7420	9.2	151422.3	-4842.6	7510	9.0	151938.7	-4848.7
7331	8.7	150957.8	-4826.7	7421	10.6	151422.8	-4810.0	7511	8.4	151940.4	-4832.3
7332	10.0	150959.8	-4839.8	7422	10.6	151433.0	-4839.5	7512	9.0	151940.4	-4811.6
7333	9.5	151002.3	-4823.6	7423	9.6	151438.8	-4852.2	7513	9.4	151941.9	-4829.3
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7335	10.2	151003.3	-4814.1	7425	9.6	151443.1	-4847.5	7515	10.0	151943.4	-4845.8
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7338	9.0	151014.3	-4819.1	7428	10.6	151459.3	-4846.9	7518	10.0	151950.9	-4819.2
7339	10.6	151014.3	-4824.1	7429	10.6	151510.0	-4818.6	7519	9.9	151951.9	-4855.7
7340	10.4	151018.8	-4852.3	7430	10.0	151510.3	-4801.2	7520	10.0	151953.4	-4805.3
7341	9.5	151019.8	-4825.1	7431	9.6	151511.6	-4858.5	7521	9.4	151955.4	-4813.2
7522	10.0	151956.4	-4841.9								
7523	10.0	152005.9	-4859.6								
7524	9.7	152009.4	-4857.0								
7525	9.4	152010.4	-4852.1								
7526	9.6	152011.4	-4828.9								
7527	9.4	152016.4	-4838.1								
7528	9.6	152025.7	-4857.1								
7529	9.2	152029.4	-4824.3								
7530	8.6	152039.4	-4832.4								
7531	9.6	152040.4	-4832.0								
7532	9.4	152040.4	-4851.0								
7533	9.0	152041.9	-4817.9								
7534	9.8	152041.9	-4818.1								
7535	10.0	152057.9	-4818.4								
7536	9.9	152058.9	-4823.5								
7537	10.0	152059.4	-4818.9								
7538	10.0	152059.9	-4811.1								
7539	8.8	152100.9	-4854.4								
7540	9.6	152103.9	-4847.0								
7541	8.8	152113.1	-4802.3								
7542	10.0	152113.4	-4835.9								
7543	9.6	152115.4	-4820.9								
7544	9.6	152117.4	-4858.2								
7545	10.0	152119.4	-4842.6								
7546	9.4	152121.4	-4856.6								
7547	9.6	152125.4	-4817.7								
7548	9.8	152125.4	-4848.0								
7549	10.0	152130.9	-4829.9								
7550	9.7	152132.4	-4811.1								
7551	9.6	152135.4	-4803.7								
7552	10.0	152140.4	-4846.3								
7553	9.4	152141.4	-4827.2								
7554	9.9	152146.4	-4820.4								
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7557	10.0	152151.4	-4801.0								
7558	10.0	152158.6	-4800.5								
7559	9.6	152159.4	-4842.0								
7560	9.9	152202.4	-4849.6								
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7562	9.4	152225.4	-4825.5								
7563	9.0	152225.9	-4837.6								
7564	9.6	152226.4	-4815.8								
7565	9.8	152227.9	-4826.1								
7566	9.0	152229.4	-4844.7								
7567	9.6	152241.9	-4857.1								
7568	9.8	152243.4	-4839.6								
7569	9.6	152244.4	-4846.0								
7570	9.6	152248.3	-4801.3								
7571	9.8	152250.9	-4831.2								
7572	10.0	152251.9	-4826.6								
7573	9.9	152252.9	-4857.7								
7574	10.0	152254.4	-4826.7								
7575	9.2	152255.4	-4839.2								
7576	9.6	152257.4	-4842.2								
7577	9.6	152300.4	-4839.5								
7578	10.0	152303.3	-4857.7								
7579	9.6	152303.4	-4837.0								
7580	9.7	152304.9	-4841.7								
7581	8.8	152309.4	-4844.7								
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7583	10.0	152311.9	-4808.8								
7584	9.0	152312.9	-4831.2								
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7587	9.0	152317.4	-4841.8								
7588	9.4	152336.9	-4847.2								
7589	9.4	152344.4	-4841.1								
7590	10.0	152347.4	-4816.9								
7591	9.8	152347.4	-4819.1								
7592	10.0	152349.4	-4849.3								
7593	10.0	152350.9	-4809.1								
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7595	10.0	152400.9	-4855.0								
7596	10.0	152401.9	-4823.1								
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7598	9.9	152409.4	-4848.3								
7599	9.4	152409.9	-4852.8								
7600	10.0	152420.4	-4807.9								
7601	9.8	152422.4	-4853.1								
7602	9.9	152422.9	-4811.6								
7603	10.0	152422.9	-4857.1								
7604	8.2	152434.4	-4834.5								
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7607	9.9	152439.4	-4849.0								
7608	10.0	152439.9	-4800.2								
7609	10.0	152440.4	-4807.2								
7610	9.6	152441.9	-4847.4								
7611	9.7	152444.4	-4819.3								

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7612	10.0	152444.9	-4818.7
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7642	10.0	152619.4	-4824.4
7643	9.8	152621.9	-4814.1
7644	9.4	152625.4	-4845.8
7645	10.0	152636.9	-4845.6
7646	9.4	152641.9	-4838.8
7647	10.0	152641.9	-4843.8
7648	9.4	152645.9	-4853.6
7649	9.2	152646.4	-4822.1
7650	10.0	152646.4	-4816.3
7651	10.0	152649.4	-4859.1
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7653	10.0	152708.9	-4849.6
7654	9.6	152716.9	-4851.4
7655	9.0	152717.4	-4803.8
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7657	10.0	152720.4	-4823.6
7658	9.2	152723.7	-4858.4
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7660	10.0	152725.4	-4809.7
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7662	9.7	152727.9	-4847.1
7663	10.0	152732.9	-4858.4
7664	9.8	152735.4	-4846.3
7665	9.9	152739.9	-4838.2
7666	9.7	152740.9	-4856.3
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7688	9.9	152830.4	-4836.2
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7690	9.4	152835.9	-4838.4
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7694	9.2	152851.4	-4837.0
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7715	9.8	152917.9	-4826.3
7716	10.0	152922.4	-4801.7
7717	9.2	152922.4	-4819.8
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7719	9.8	152929.4	-4834.9
7720	9.7	152929.4	-4804.7
7721	9.8	152931.6	-4855.0
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7724	10.0	152938.9	-4810.6
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7727	9.8	153000.4	-4830.3
7728	10.0	153003.4	-4840.0
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7733	8.8	153010.4	-4812.0
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7742	9.6	153023.9	-4803.3
7743	9.8	153033.4	-4830.2
7744	10.0	153039.4	-4827.8
7745	9.6	153039.9	-4846.3
7746	9.8	153042.4	-4807.9
7747	10.0	153043.9	-4808.1
7748	9.8	153044.9	-4847.1
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7750	9.8	153050.4	-4828.8
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7754	9.4	153100.4	-4816.5
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7756	9.9	153101.4	-4833.4
7757	9.6	153110.4	-4849.0
7758	9.0	153111.4	-4812.2
7759	9.6	153111.9	-4825.3
7760	8.6	153112.4	-4836.5
7761	9.4	153113.4	-4807.8
7762	10.0	153115.4	-4837.2
7763	9.2	153119.4	-4839.9
7764	9.4	153123.3	-4801.9
7765	8.6	153123.9	-4800.6
7766	9.2	153133.4	-4820.8
7767	10.0	153141.4	-4832.0
7768	10.0	153144.4	-4850.3
7769	9.4	153148.4	-4811.3
7770	9.8	153149.4	-4801.6
7771	10.0	153149.4	-4858.0
7772	9.9	153150.4	-4848.0
7773	9.8	153150.4	-4841.3
7774	9.7	153151.5	-4816.3
7775	9.9	153151.9	-4803.8
7776	9.7	153152.4	-4836.1
7777	9.9	153200.9	-4806.9
7778	10.0	153203.9	-4810.3
7779	9.8	153204.9	-4856.2
7780	9.2	153206.5	-4843.3
7781	10.0	153207.9	-4809.9
7782	9.8	153208.4	-4815.8
7783	9.7	153208.4	-4816.2
7784	9.4	153212.9	-4848.3
7785	9.8	153213.4	-4810.6
7786	9.7	153213.9	-4854.8
7787	10.0	153214.9	-4812.8
7788	10.0	153224.9	-4803.3
7789	10.0	153227.9	-4820.7
7790	9.4	153230.4	-4822.2
7791	9.2	153236.4	-4817.0

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7792	8.6	153239.4	-4832.5
7793	9.8	153241.9	-4802.2
7794	9.0	153242.4	-4849.3
7795	9.2	153242.9	-4849.8
7796	9.6	153243.9	-4812.1
7797	9.9	153249.4	-4825.8
7798	8.8	153250.4	-4825.9
7799	10.0	153250.4	-4801.9
7800	10.0	153252.4	-4803.6
7801	9.7	153252.4	-4827.0
7802	9.8	153258.4	-4815.3
7803	9.7	153258.9	-4846.2
7804	9.8	153258.9	-4846.3
7805	9.9	153259.9	-4858.6
7806	9.7	153300.9	-4841.5
7807	9.4	153301.9	-4839.3
7808	9.9	153305.4	-4817.0
7809	8.6	153305.7	-4859.9
7810	9.6	153307.4	-4841.5
7811	9.8	153307.9	-4807.2
7812	10.0	153308.9	-4806.8
7813	10.0	153310.4	-4857.3
7814	9.4	153311.4	-4827.7
7815	9.2	153315.4	-4859.1
7816	10.0	153320.4	-4813.3
7817	9.9	153322.4	-4825.9
7818	8.3	153324.4	-4848.8
7819	10.0	153329.4	-4827.9
7820	8.6	153336.4	-4817.2
7821	10.0	153340.4	-4800.5
7822	9.6	153340.4	-4853.7
7823	9.9	153344.4	-4814.9
7824	10.0	153344.4	-4805.0
7825	9.2	153345.9	-4831.8
7826	9.6	153345.9	-4804.3
7827	9.8	153349.9	-4814.1
7828	9.8	153355.4	-4833.8
7829	9.7	153355.4	-4804.3
7830	8.6	153400.4	-4837.2
7831	10.0	153401.9	-4354.4
7832	9.6	153402.1	-4802.7
7833	10.0	153407.4	-4832.5
7834	9.8	153407.4	-4804.8
7835	9.7	153409.4	-4822.5
7836	9.8	153412.9	-4849.4
7837	8.6	153413.9	-4827.9
7838	8.2	153416.9	-4828.5
7839	9.4	153417.4	-4810.
7840	10.0	153420.4	-4802.
7841	9.9	153422.4	-4819.
7842	9.8	153422.4	-4858.
7843	9.0	153423.0	-4802.
7844	10.0	153423.4	-4830.
7845	9.8	153426.4	-4830.
7846	9.6	153427.4	-4852.1
7847	10.0	153431.9	-4824.5
7848	9.4	153432.9	-4847.4
7849	10.0	153445.4	-4833.4
7850	9.9	153450.9	-4835.5
7851	9.7	153451.9	-4810.8
7852	9.4	153452.4	-4826.9
7853	8.4	153502.4	-4848.8
7854	9.6	153508.9	-4814.8
7855	9.2	153509.4	-4845.1
7856	9.4	153509.4	-4823.0
7857	8.4	153510.4	-4849.2
7858	9.9	153513.9	-4827.7
7859	10.0	153515.4	-48.3.4
7860	9.7	153518.9	-4806.2
7861	9.6	153522.4	-4826.0
7862	9.8	153522.4	-4826.9
7863	10.0	153525.4	-4812.5
7864	10.0	153526.4	-4800.4
7865	9.4	153526.4	-4822.1
7866	9.7	153530.4	-4857.4
7867	9.2	153532.4	-4829.8
7868	9.6	153534.4	-4823.7
7869	9.8	153535.4	-4842.0
7870	10.0	153536.4	-4836.3
7871	9.6	153538.4	-4807.2
7872	9.6	153544.9	-4811.2
7873	10.0	153547.4	-4851.1
7874	10.0	153548.4	-4805.7
7875	10.0	153549.4	-4844.5
7876	9.4	153550.4	-4821.8
7877	9.6	153550.4	-4826.1
7878	9.9	153553.4	-4840.5
7879	10.0	153554.4	-4834.9
7880	10.0	153600.4	-4847.1
7881	9.8	153602.4	-4822.2
7882	9.2	153602.4	-4839.9
7883	9.8	153605.4	-4834.1
7884	9.4	153605.4	-4852.0
7885	9.6	153606.4	-4823.2
7886	8.3	153608.4	-4842.2
7887	9.2	153608.4	-4852.4
7888	9.8	153609.9	-4840.2
7889	10.0	153610.9	-4854.0
7890	9.6	153611.4	-4831.5
7891	9.4	153619.9	-4838.1
7892	9.8	153621.9	-4825.8
7893	9.8	153622.4	-4832.8
7894	9.7	153623.4	-4800.7
7895	10.0	153624.4	-4826.8
7896	10.0	153624.9	-4859.7
7897	9.7	153630.4	-4856.6
7898	9.6	153630.4	-4817.8
7899	9.6	153631.9	-4842.4
7900	9.6	153632.4	-4825.8
7901	9.8	153633.9	-4826.4
7902	9.7	153636.9	-4839.3
7903	9.9	153641.4	-4839.3
7904	9.2	153641.4	-4813.2
7905	9.9	153644.4	-4851.7
7906	9.8	153644.9	-4805.1
7907	9.4	153646.4	-4812.5
7908	9.6	153647.4	-4839.0
7909	8.5	153649.4	-4812.8
7910	9.8	153650.4	-4829.6
7911	9.4	153650.4	-4848.6
7912	9.6	153651.4	-4830.0
7913	9.4	153652.4	-4848.1
7914	10.0	153705.4	-4829.8
7915	9.4	153707.4	-4821.2
7916	10.0	153714.9	-4829.7
7917	9.8	153718.4	-4800.9
7918	10.0	153718.4	-4831.8
7919	9.0	153720.4	-4824.9
7920	9.8	153720.4	-4853.8
7921	9.2	153722.4	-4850.0
7922	9.4	153727.9	-4843.4
7923	9.6	153731.9	-4825.4
7924	9.6	153732.4	-4824.0
7925	9.6	153733.4	-4820.5
7926	10.0	153734.9	-4817.4
7927	9.6	153737.9	-4856.1
7928	7.2	153740.4	-4820.5
7929	10.0	153747.4	-4825.2
7930	9.2	153749.4	-4855.5
7931	9.8	153756.4	-4824.3
7932	9.4	153802.4	-4827.9
7933	10.0	153802.9	-4832.9
7934	9.7	153810.9	-4806.0
7935	9.9	153810.9	-4858.4
7936	9.4	153813.9	-4809.0
7937	10.0	153814.8	-4827.3
7938	9.0	153818.4	-4853.1
7939	9.6	153819.9	-4836.9
7940	9.9	153820.4	-4823.6
7941	8.6	153821.4	-4810.8
7942	10.0	153823.4	-4829.6
7943	10.0	153824.9	-4826.3
7944	10.0	153825.4	-4805.8
7945	9.7	153827.9	-4808.2
7946	9.9	153830.9	-4853.3
7947	8.4	153837.4	-4816.9
7948	9.6	153838.9	-4812.4
7949	8.6	153839.8	-4800.3
7950	9.2	153840.4	-4842.9
7951	8.2	153840.4	-4850.1
7952	9.2	153842.4	-4834.2
7953	9.6	153843.9	-4811.6
7954	10.0	153845.4	-4819.6
7955	10.0	153848.9	-4838.2
7956	9.0	153850.4	-4845.0
7957	9.6	153851.4	-4826.2
7958	9.4	153854.9	-4814.2
7959	10.0	153855.4	-4805.9
7960	9.0	153900.4	-4859.2
7961	9.9	153901.4	-4807.5
7962	8.4	153901.9	-4835.6
7963	9.9	153911.4	-4843.8
7964	9.6	153912.4	-4846.8
7965	8.3	153913.4	-4850.9
7966	9.7	153915.4	-4820.3
7967	9.8	153921.4	-4845.6
7968	9.9	153924.4	-4857.3
7969	9.8	153929.4	-4859.3
7970	9.6	153930.4	-4829.6
7971	9.7	153939.4	-4815.9

7972	9.4	153940.4	-4846.6	8062	9.6	154538.4	-4852.1	8152	10.0	155540.4	-4856.0
7973	9.2	153941.9	-4829.1	8063	10.0	154540.4	-4803.6	8153	9.2	155540.9	-4818.1
7974	9.9	153947.4	-4851.8	8064	9.8	154542.9	-4853.4	8154	8.2	155557.4	-4828.7
7975	9.0	153949.4	-4852.3	8065	10.0	154553.4	-4840.6	8155	9.5	155600.6	-4800.8
7976	9.7	153953.9	-4857.9	8066	9.6	154554.4	-4837.2	8156	9.7	155616.4	-4829.0
7977	9.6	153955.4	-4809.0	8067	9.8	154600.4	-4817.4	8157	9.7	155616.4	-4830.5
7978	10.0	153959.4	-4844.1	8068	9.7	154607.9	-4805.5	8158	9.6	155631.4	-4852.4
7979	7.6	154001.4	-4822.4	8069	9.8	154610.9	-4845.8	8159	9.9	155633.4	-4847.0
7980	9.0	154003.4	-4809.8	8070	9.2	154613.4	-4810.1	8160	9.6	155634.9	-4809.7
7981	9.0	154005.4	-4811.6	8071	9.6	154620.9	-4800.7	8161	9.2	155635.4	-4851.0
7982	9.6	154005.4	-4802.5	8072	10.0	154621.4	-4850.9	8162	9.2	155641.4	-4851.0
7983	9.3	154007.4	-4841.6	8073	9.2	154630.9	-4804.1	8163	9.7	155650.4	-4810.1
7984	9.6	154008.9	-4803.8	8074	9.8	154638.9	-4849.2	8164	8.9	155658.4	-4829.9
7985	10.0	154010.4	-4853.0	8075	9.5	154641.9	-4851.8	8165	9.8	155702.4	-4852.7
7986	9.6	154011.4	-4823.5	8076	9.3	154653.9	-4858.9	8166	10.1	155716.6	-4858.1
7987	10.0	154016.4	-4841.7	8077	9.6	154700.4	-4855.5	8167	10.0	155739.3	-4821.4
7988	10.0	154019.4	-4850.1	8078	10.0	154709.4	-4816.0	8168	8.3	155742.3	-4826.3
7989	10.0	154023.4	-4853.0	8079	10.0	154717.2	-4802.7	8169	8.9	155744.8	-4806.0
7990	10.0	154026.9	-4818.0	8080	10.0	154717.7	-4851.9	8170	10.0	155754.3	-4839.6
7991	10.0	154035.4	-4803.5	8081	10.1	154719.2	-4852.6	8171	10.0	155754.3	-4808.9
7992	8.6	154046.9	-4847.7	8082	9.8	154720.7	-4805.0	8172	10.1	155759.3	-4805.2
7993	10.0	154054.4	-4804.5	8083	9.7	154727.7	-4837.4	8173	9.4	155801.3	-4835.4
7994	7.0	154054.9	-4831.6	8084	10.0	154731.2	-4825.0	8174	7.2	155818.3	-4804.8
7995	10.0	154056.0	-4859.8	8085	10.0	154733.7	-4810.4	8175	10.1	155825.8	-4833.8
7996	10.0	154100.9	-4808.5	8086	10.1	154734.7	-4819.0	8176	9.3	155830.3	-4840.5
7997	9.6	154103.4	-4822.9	8087	9.7	154740.7	-4807.3	8177	9.3	155833.3	-4858.3
7998	9.6	154109.3	-4853.2	8088	9.6	154745.7	-4831.4	8178	9.8	155844.8	-4803.6
7999	10.0	154109.8	-4814.6	8089	9.6	154745.7	-4812.5	8179	10.0	155917.8	-4809.8
8000	9.2	154112.3	-4841.7	8090	10.1	154757.7	-4800.0	8180	9.7	155924.8	-4829.6
8001	7.9	154114.3	-4839.2	8091	10.1	154830.7	-4854.9	8181	9.9	155928.3	-4857.4
8002	9.9	154114.3	-4808.2	8092	9.2	154837.7	-4813.9	8182	8.6	155930.8	-4814.4
8003	9.6	154115.3	-4842.3	8093	9.9	154845.7	-4807.9	8183	9.5	155937.3	-4808.9
8004	8.2	154129.7	-4858.2	8094	10.1	154845.7	-4810.6	8184	9.0	160004.3	-4816.2
8005	10.0	154130.3	-4805.3	8095	9.7	154848.7	-4821.2	8185	9.4	160038.1	-4844.6
8006	10.0	154130.3	-4826.3	8096	9.8	154849.2	-4813.2	8186	9.7	160043.8	-4809.8
8007	8.8	154134.3	-4848.7	8097	10.0	154851.7	-4800.3	8187	8.9	160048.8	-4854.2
8008	9.6	154134.3	-4832.0	8098	10.0	154854.2	-4847.9	8188	10.0	160049.3	-4845.3
8009	9.7	154136.8	-4801.3	8099	9.9	154859.7	-4815.8	8189	8.4	160050.3	-4814.4
8010	9.6	154139.8	-4826.0	8100	9.8	154906.2	-4850.2	8190	8.9	160053.3	-4855.6
8011	10.0	154140.3	-4836.8	8101	9.6	154911.7	-4835.7	8191	10.1	160100.8	-4850.7
8012	8.8	154156.3	-4835.2	8102	10.0	154913.2	-4820.3	8192	10.0	160103.3	-4837.6
8013	9.6	154200.3	-4845.5	8103	9.4	154914.7	-4850.1	8193	9.4	160107.8	-4808.7
8014	9.6	154202.8	-4855.6	8104	10.0	154917.7	-4828.8	8194	9.2	160110.3	-4838.0
8015	9.0	154207.3	-4810.5	8105	9.1	154920.7	-4834.7	8195	9.8	160115.2	-4805.2
8016	9.4	154209.3	-4850.2	8106	9.0	154931.7	-4839.0	8196	9.2	160116.7	-4842.9
8017	8.8	154214.3	-4819.3	8107	9.6	154931.7	-4848.4	8197	9.2	160135.2	-4841.3
8018	9.8	154214.3	-4822.0	8108	9.9	154934.2	-4817.4	8198	8.4	160138.7	-4827.8
8019	10.0	154221.3	-4858.8	8109	10.0	154943.6	-4831.3	8199	9.8	160148.2	-4834.4
8020	10.0	154221.3	-4824.2	8110	8.4	154944.6	-4845.0	8200	10.0	160152.7	-4856.0
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8022	9.4	154225.3	-4837.8	8112	10.1	155020.1	-4805.1	8202	9.2	160200.2	-4810.8
8023	8.3	154232.3	-4813.4	8113	10.1	155025.6	-4859.0	8203	9.8	160208.2	-4831.3
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8025	10.0	154232.3	-4853.0	8115	9.7	155051.6	-4848.8	8205	10.1	160211.7	-4829.8
8026	9.6	154240.3	-4813.8	8116	9.7	155052.1	-4845.2	8206	8.4	160216.2	-4839.1
8027	9.7	154242.8	-4855.7	8117	9.8	155105.6	-4812.0	8207	9.6	160233.2	-4849.3
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8030	9.0	154255.8	-4804.1	8120	9.7	155120.6	-4841.9	8210	9.8	160316.2	-4853.4
8031	9.6	154309.3	-4820.9	8121	10.0	155124.1	-4839.8	8211	9.7	160325.2	-4852.7
8032	10.0	154315.1	-4833.7	8122	9.2	155143.1	-4808.0	8212	9.8	160325.2	-4831.1
8033	9.7	154317.6	-4846.6	8123	8.4	155145.1	-4813.2	8213	9.6	160333.7	-4828.0
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8035	9.6	154322.6	-4811.0	8125	10.1	155150.7	-4859.0	8215	10.1	160335.7	-4823.2
8036	8.8	154330.1	-4851.7	8126	10.1	155155.5	-4801.8	8216	10.1	160344.2	-4853.7
8037	9.8	154331.6	-4818.8	8127	9.7	155209.1	-4842.2	8217	9.4	160348.2	-4819.2
8038	10.0	154331.6	-4809.3	8128	9.9	155210.5	-4800.3	8218	7.9	160354.7	-4825.7
8039	10.0	154337.6	-4820.1	8129	10.1	155214.6	-4801.1	8219	10.0	160356.2	-4838.3
8040	8.4	154341.1	-4826.9	8130	10.1	155227.1	-4804.7	8220	9.6	160356.2	-4838.6
8041	9.0	154344.1	-4843.2	8131	9.8	155227.6	-4810.5	8221	10.1	160359.2	-4850.6
8042	9.9	154351.1	-4828.5	8132	10.0	155234.1	-4855.5	8222	9.6	160405.7	-4822.4
8043	10.0	154400.1	-4844.7	8133	10.0	155235.6	-4831.7	8223	10.0	160408.2	-4803.0
8044	10.0	154405.6	-4803.9	8134	10.1	155244.6	-4811.3	8224	9.0	160415.2	-4834.8
8045	9.4	154409.1	-4846.3	8135	10.1	155324.6	-4841.5	8225	10.0	160423.0	-4834.9
8046	8.8	154424.6	-4844.3	8136	9.9	155329.6	-4803.5	8226	9.8	160425.0	-4835.4
8047	9.2	154430.1	-4828.5	8137	10.1	155345.4	-4855.8	8227	9.7	160425.0	-4856.2
8048	9.7	154440.1	-4824.3	8138	9.7	155358.9	-4814.3	8228	9.8	160430.0	-4857.5
8049	9.9	154443.1	-4819.5	8139	8.7	155401.9	-4822.2	8229	9.1	160432.0	-4812.0
8050	9.4	154443.6	-4858.9	8140	7.0	155402.4	-4852.7	8230	9.7	160435.0	-4829.7
8051	9.7	154449.3	-4816.1	8141	10.0	155415.4	-4820.7	8231	8.3	160436.0	-4835.4
8052	8.4	154451.1	-4814.2	8142	9.9	155429.9	-4850.0	8232	8.8	160439.5	-4824.7
8053	10.0	154456.1	-4806.8	8143	9.9	155447.9	-4853.5	8233	10.1	160440.0	-4808.7
8054	9.4	154457.5	-4808.4	8144	9.7	155455.4	-4823.2	8234	9.7	160442.5	-4808.8
8055	9.9	154505.6	-4811.1	8145	9.7	155457.8	-4800.4	8235	9.7	160447.0	-4850.8
8056	10.0	154509.1	-4807.1	8146	9.7	155516.4	-4848.7	8236	9.8	160447.0	-4855.5
8057	9.9	154510.5	-4840.6	8147	10.0	155522.4	-4837.2	8237	10.1	160452.0	-4817.8
8058	10.0	154521.1	-4843.4	8148	9.7	155530.4	-4853.2	8238	9.5	160454.0	-4856.5
8059	10.0	154530.9	-4818.8	8149	8.9	155532.4	-4826.9	8239	7.6	160454.0	-4836.6
8060	8.9	154531.5	-4843.2	8150	8.6	155535.4	-4828.5	8240	9.8	160454.0	-4804.1
8061	10.0	154532.4	-4851.2	8151	9.6	155535.9	-4856.8	8241	9.5	160500.0	-4815.8

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8332	10.1	161004.7	-4842.6
8333	8.2	161006.7	-4823.6
8334	9.6	161014.5	-4842.4
8335	10.0	161029.5	-4841.7
8336	10.1	161034.0	-4810.4
8337	8.2	161039.0	-4812.7
8338	10.0	161039.5	-4855.8
8339	10.0	161042.5	-4852.0
8340	9.8	161047.5	-4806.8
8341	10.1	161049.5	-4833.5
8342	9.8	161049.5	-4833.1
8343	9.8	161058.5	-4842.1
8344	8.9	161059.5	-4800.3
8345	9.8	161059.5	-4847.9
8346	10.0	161102.0	-4852.9
8347	9.8	161110.5	-4802.2
8348	10.0	161113.5	-4844.9
8349	9.4	161114.5	-4826.3
8350	9.7	161115.5	-4813.5
8351	9.9	161119.5	-4835.1
8352	10.1	161121.5	-4838.5
8353	9.9	161121.5	-4818.7
8354	10.0	161121.7	-4859.1
8355	9.8	161123.5	-4834.9
8356	10.0	161143.0	-4816.8
8357	9.7	161145.5	-4838.0
8358	9.7	161146.0	-4855.8
8359	9.8	161147.0	-4836.3
8360	10.0	161151.5	-4807.6
8361	9.7	161151.5	-4849.4
8362	10.1	161201.5	-4855.1
8363	9.2	161206.0	-4832.7
8364	9.8	161206.5	-4821.4
8365	10.1	161206.5	-4802.5
8366	9.6	161207.5	-4814.9
8367	10.0	161210.0	-4828.4
8368	9.0	161212.5	-4814.2
8369	9.8	161213.5	-4826.3
8370	10.0	161214.0	-4851.7
8371	10.1	161219.5	-4845.6
8372	9.2	161222.0	-4826.0
8373	9.9	161224.0	-4857.7
8374	9.9	161230.5	-4829.2
8375	9.6	161233.5	-4846.2
8376	10.0	161238.0	-4847.9
8377	7.9	161239.5	-4851.4
8378	10.0	161239.5	-4824.0
8379	10.0	161244.5	-4816.5
8380	9.2	161247.5	-4822.9
8381	10.0	161248.0	-4808.8
8382	10.1	161248.5	-4856.9
8383	8.0	161250.5	-4813.0
8384	10.1	161252.5	-4808.0
8385	9.9	161258.0	-4851.7
8386	10.0	161304.5	-4824.5
8387	9.9	161305.5	-4849.9
8388	10.0	161305.5	-4826.1
8389	10.0	161305.5	-4809.0
8390	7.9	161307.5	-4841.4
8391	10.1	161307.5	-4810.5
8392	9.6	161315.5	-4813.5
8393	10.1	161319.5	-4809.4
8394	9.1	161323.5	-4856.3
8395	10.1	161323.5	-4830.9
8396	8.8	161330.5	-4844.4
8397	9.4	161331.5	-4845.1
8398	9.4	161331.5	-4852.7
8399	10.1	161337.0	-4807.3
8400	10.1	161338.5	-4808.8
8401	9.6	161340.0	-4855.7
8402	8.9	161340.0	-4834.6
8403	9.6	161344.5	-4820.7
8404	9.8	161345.0	-4827.8
8405	10.0	161350.0	-4810.6
8406	9.7	161352.0	-4813.4
8407	10.0	161353.3	-4840.9
8408	8.3	161354.8	-4820.5
8409	9.4	161358.2	-4847.0
8410	9.2	161402.3	-4815.0
8411	10.1	161403.9	-4859.0
8412	9.4	161407.8	-4846.6
8413	9.2	161408.0	-4859.9
8414	9.6	161411.3	-4851.8
8415	9.9	161412.3	-4855.8
8416	10.1	161412.8	-4854.8
8417	10.0	161422.3	-4812.3
8418	9.2	161428.8	-4856.5
8419	9.9	161428.8	-4827.4
8420	10.0	161430.3	-4857.7
8421	9.9	161430.8	-4845.3
8422	10.0	161430.8	-4841.1
8423	10.1	161432.3	-4819.3
8424	10.1	161436.3	-4819.1
8425	10.0	161437.2	-4856.2
8426	9.6	161439.8	-4832.4
8427	9.8	161441.8	-4817.7
8428	10.1	161441.8	-4820.8
8429	9.3	161448.6	-4842.6
8430	9.5	161452.1	-4824.7
8431	10.0	161453.8	-4821.7
8432	9.3	161454.6	-4850.0
8433	10.0	161456.3	-4810.9
8434	10.0	161509.3	-4837.4
8435	10.1	161511.8	-4826.4
8436	9.4	161511.8	-4819.1
8437	8.6	161511.8	-4805.3
8438	9.0	161513.1	-4831.4
8439	9.8	161516.6	-4829.9
8440	9.8	161519.2	-4841.3
8441	9.9	161520.3	-4852.9
8442	9.9	161521.2	-4804.9
8443	9.5	161530.5	-4824.9
8444	10.0	161531.3	-4810.5
8445	10.0	161541.6	-4820.4
8446	7.8	161543.3	-4818.2
8447	9.6	161545.8	-4815.2
8448	9.4	161549.3	-4806.9
8449	7.6	161600.8	-4851.2
8450	8.6	161603.8	-4822.6
8451	10.0	161610.8	-4830.3
8452	9.8	161616.1	-4858.8
8453	9.6	161616.8	-4859.1
8454	10.0	161620.8	-4818.3
8455	9.8	161620.8	-4802.7
8456	9.8	161620.8	-4813.4
8457	10.0	161628.8	-4845.1
8458	9.3	161638.8	-4853.5
8459	10.0	161643.3	-4802.7
8460	10.0	161650.8	-4842.9
8461	9.6	161653.3	-4812.7
8462	10.0	161702.8	-4803.6
8463	9.8	161709.3	-4828.5
8464	9.0	161711.8	-4831.9
8465	9.4	161720.8	-4812.1
8466	7.9	161721.8	-4807.9
8467	9.8	161724.8	-4803.4
8468	10.0	161741.8	-4856.1
8469	9.8	161741.8	-4855.5
8470	10.0	161747.3	-4821.6
8471	10.0	161748.8	-4832.7
8472	8.4	161755.3	-4829.9
8473	9.8	161812.8	-4824.7
8474	9.8	161813.3	-4812.9
8475	8.6	161817.3	-4828.3
8476	9.8	161818.8	-4851.1
8477	10.0	161819.3	-4853.7
8478	9.3	161820.8	-4817.9
8479	9.8	161822.8	-4852.9
8480	10.0	161824.3	-4814.8
8481	10.0	161832.8	-4819.9
8482	8.6	161834.3	-4855.3
8483	9.8	161836.3	-4826.3
8484	10.0	161846.3	-4821.2
8485	9.4	161846.8	-4819.9
8486	9.8	161850.8	-4823.5
8487	8.8	161855.8	-4827.7
8488	9.6	161903.3	-4802.8
8489	9.0	161908.3	-4802.3
8490	9.4	161914.8	-4812.0
8491	9.8	161918.8	-4843.6
8492	9.8	161919.3	-4850.0
8493	9.6	161921.3	-4814.2
8494	10.0	161929.8	-4828.1
8495	9.8	161930.3	-4802.7
8496	9.8	161934.8	-4845.9
8497	8.5	161936.8	-4818.1
8498	9.8	161940.3	-4837.9
8499	9.3	161943.3	-4807.4
8500	9.8	161944.3	-4802.5
8501	9.4	161954.8	-4855.8
8502	8.5	161955.8	-4840.4
8503	10.0	162000.8	-4811.1
8504	10.0	162008.3	-4835.1
8505	10.0	162010.8	-4856.2
8506	10.0	162013.8	-4832.5
8507	10.0	162033.8	-4852.7
8508	10.0	162036.3	-4821.7
8509	10.0	162036.3	-4805.6
8510	10.0	162039.8	-4800.7
8511	8.3	162043.8	-4838.1

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8512	9.5	162043.8	-4842.7
8513	10.0	162043.8	-4805.1
8514	10.0	162045.3	-4802.3
8515	9.4	162050.8	-4847.9
8516	10.0	162051.8	-4850.3
8517	9.4	162056.8	-4825.1
8518	10.0	162056.8	-4816.2
8519	10.0	162058.8	-4829.7
8520	10.0	162108.8	-4825.0
8521	8.9	162109.3	-4827.6
8522	9.0	162113.3	-4815.1
8523	10.0	162119.8	-4826.0
8524	9.6	162120.8	-4849.1
8525	9.6	162126.8	-4820.5
8526	8.9	162130.8	-4824.6
8527	9.8	162140.3	-4824.1
8528	10.0	162140.8	-4804.0
8529	10.0	162157.3	-4811.0
8530	10.0	162200.8	-4851.3
8531	7.8	162210.8	-4851.3
8532	9.1	162219.8	-4828.4
8533	10.0	162223.8	-4809.3
8534	9.0	162234.8	-4848.8
8535	10.0	162237.8	-4818.0
8536	9.4	162239.8	-4842.3
8537	9.6	162244.3	-4844.3
8538	9.8	162247.3	-4818.3
8539	9.3	162247.8	-4832.1
8540	9.8	162248.3	-4815.7
8541	9.6	162255.3	-4819.7
8542	10.0	162255.3	-4848.1
8543	9.8	162300.8	-4817.0
8544	10.0	162300.8	-4838.4
8545	10.0	162304.8	-4813.6
8546	10.0	162307.3	-4801.0
8547	10.0	162310.8	-4809.5
8548	10.0	162312.3	-4855.2
8549	9.8	162312.8	-4851.3
8550	10.0	162317.8	-4851.1
8551	9.4	162325.8	-4819.2
8552	9.5	162328.8	-4854.3
8553	10.0	162328.8	-4802.1
8554	9.6	162331.8	-4810.9
8555	10.0	162331.8	-4804.6
8556	10.0	162336.3	-4823.0
8557	9.5	162340.8	-4852.3
8558	9.2	162345.8	-4824.4
8559	8.3	162359.8	-4810.0
8560	10.0	162400.3	-4825.1
8561	10.0	162400.8	-4858.8
8562	9.8	162404.8	-4836.7
8563	9.8	162406.3	-4824.1
8564	9.4	162407.8	-4807.2
8565	10.0	162409.3	-4842.1
8566	10.0	162409.8	-4839.7
8567	9.0	162418.8	-4859.9
8568	10.0	162420.8	-4806.3
8569	8.0	162423.8	-4854.3
8570	10.0	162424.3	-4847.1
8571	9.6	162433.3	-4822.5
8572	10.0	162434.8	-4822.7
8573	8.4	162442.8	-4803.9
8574	10.0	162444.8	-4840.2
8575	8.6	162446.8	-4836.8
8576	9.4	162447.3	-4817.9
8577	7.0	162449.3	-4811.6
8578	9.4	162452.3	-4851.0
8579	10.0	162458.8	-4852.2
8580	9.6	162501.8	-4848.2
8581	9.0	162505.8	-4809.8
8582	9.6	162510.8	-4829.8
8583	10.0	162518.8	-4834.1
8584	9.8	162527.3	-4833.2
8585	9.0	162530.8	-4843.8
8586	10.0	162533.8	-4855.5
8587	10.0	162539.3	-4835.3
8588	9.4	162600.8	-4848.1
8589	8.4	162606.3	-4825.8
8590	8.8	162607.7	-4858.0
8591	9.8	162612.3	-4807.5
8592	9.0	162612.8	-4840.1
8593	10.0	162613.8	-4842.9
8594	9.1	162615.8	-4858.1
8595	10.0	162621.3	-4836.2
8596	10.0	162624.8	-4854.3
8597	10.0	162629.8	-4840.7
8598	9.6	162635.8	-4827.2
8599	9.3	162636.8	-4817.7
8600	9.6	162640.8	-4805.4
8601	9.0	162655.3	-4801.9
8602	10.0	162657.3	-4855.4
8603	9.8	162716.8	-4848.9
8604	9.4	162724.3	-4805.2
8605	8.6	162724.8	-4850.9
8606	10.0	162733.8	-4800.1
8607	10.0	162737.3	-4813.8
8608	9.0	162740.3	-4824.2
8609	9.8	162740.8	-4835.6
8610	10.0	162741.3	-4816.8
8611	10.0	162745.8	-4825.7
8612	10.0	162750.8	-4821.2
8613	9.5	162755.8	-4804.2
8614	9.6	162802.8	-4826.6
8615	9.8	162804.3	-4830.1
8616	10.0	162806.3	-4821.5
8617	9.8	162831.3	-4847.1
8618	10.0	162835.8	-4801.4
8619	9.0	162837.8	-4845.4
8620	9.8	162838.8	-4805.9
8621	9.6	162840.8	-4835.6
8622	8.8	162841.8	-4843.9
8623	10.0	162842.8	-4827.8
8624	10.0	162843.8	-4800.3
8625	9.6	162853.8	-4828.5
8626	9.8	162856.8	-4833.1
8627	9.8	162857.3	-4830.9
8628	8.4	162858.8	-4858.1
8629	8.6	162907.8	-4826.8
8630	9.3	162908.8	-4816.3
8631	8.8	162908.8	-4833.4
8632	10.0	162914.3	-4839.5
8633	9.4	162918.8	-4835.4
8634	10.0	162918.8	-4836.0
8635	9.6	162919.8	-4857.9
8636	9.8	162920.8	-4804.0
8637	9.2	162929.3	-4815.0
8638	9.8	162930.8	-4853.9
8639	9.8	162932.8	-4804.1
8640	9.4	162938.3	-4800.4
8641	9.2	162940.8	-4825.2
8642	8.9	162940.8	-4829.4
8643	9.6	162942.3	-4827.0
8644	10.0	162943.8	-4830.0
8645	10.0	162949.8	-4830.8
8646	9.8	162949.8	-4815.0
8647	9.0	162956.3	-4839.4
8648	10.0	162957.3	-4801.3
8649	8.5	162957.3	-4849.2
8650	9.3	162958.8	-4844.8
8651	9.4	162959.3	-4806.0
8652	10.0	163000.8	-4837.8
8653	10.0	163003.8	-4823.3
8654	9.8	163004.3	-4805.0
8655	10.0	163004.6	-4836.4
8656	10.0	163004.8	-4854.5
8657	9.8	163005.3	-4855.1
8658	9.6	163005.3	-4822.3
8659	9.0	163008.3	-4847.9
8660	8.5	163009.3	-4835.8
8661	9.6	163010.8	-4817.3
8662	9.8	163020.3	-4811.3
8663	10.0	163020.8	-4859.8
8664	9.6	163022.3	-4834.5
8665	10.0	163025.8	-4832.0
8666	8.5	163032.8	-4855.6
8667	10.0	163039.0	-4859.8
8668	9.6	163039.3	-4812.2
8669	9.6	163039.8	-4831.9
8670	10.0	163043.3	-4831.4
8671	10.0	163048.8	-4811.9
8672	9.3	163050.8	-4832.0
8673	9.3	163051.8	-4852.7
8674	10.0	163053.8	-4843.2
8675	9.4	163057.8	-4808.4
8676	8.6	163058.8	-4803.4
8677	9.6	163059.3	-4839.8
8678	8.8	163103.8	-4852.3
8679	9.8	163105.3	-4808.5
8680	9.6	163108.8	-4837.3
8681	10.0	163110.8	-4809.4
8682	10.0	163110.8	-4806.4
8683	8.8	163111.3	-4814.3
8684	9.3	163111.8	-4838.3
8685	10.0	163113.3	-4809.5
8686	9.6	163118.3	-4819.5
8687	9.6	163120.8	-4808.1
8688	9.2	163121.8	-4833.9
8689	7.5	163123.3	-4830.5
8690	9.8	163128.8	-4857.5
8691	9.8	163129.8	-4824.4

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-48 9051 17h03m

8692 9.8 163130.3 -4834.4	8782 10.0 163601.8 -4831.6	8872 9.8 164240.8 -4828.6	8962 9.4 165213.0 -4817.4
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-48 9052 17h03m

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9091 9.0 170803.5 -4846.7	9181 9.5 171605.7 -4800.2	9271 10.0 172236.0 -4842.5	9361 9.5 172907.4 -4849.8
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9097 9.8 170846.0 -4811.1	9187 10.0 171632.7 -4808.6	9277 10.2 172257.5 -4856.3	9367 9.7 172941.8 -4816.8
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9105 8.9 170913.4 -4855.9	9195 10.2 171651.6 -4827.1	9285 9.1 172338.5 -4842.3	9375 9.2 173007.3 -4839.1
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9134 9.8 171116.4 -4811.1	9224 10.0 171902.5 -4853.4	9314 9.8 172542.5 -4804.3	9404 10.0 173237.3 -4854.8
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9140 9.6 171152.4 -4836.2	9230 10.2 171933.5 -4801.2	9320 10.0 172609.3 -4843.8	9410 10.2 173255.3 -4845.6
9141 9.6 171154.4 -4845.0	9231 10.2 171933.8 -4800.1	9321 9.9 172615.8 -4839.6	9411 9.8 173300.3 -4835.3

-48 9411 17h33m

-48 9412 17h33m

-48 9771 18h14m

9412	10.0	173302.1	-4800.0	9502	10.2	173934.9	-4826.0	9592	9.7	174721.5	-4830.8
9413	9.8	173302.3	-4851.6	9503	10.2	173936.4	-4800.6	9593	10.2	174729.0	-4830.0
9414	9.8	173309.1	-4801.0	9504	9.3	173942.9	-4804.0	9594	10.2	174732.0	-4813.6
9415	9.8	173309.3	-4830.6	9505	9.9	173946.4	-4855.4	9595	10.2	174734.5	-4851.0
9416	9.7	173341.3	-4812.0	9506	9.8	173949.4	-4850.9	9596	9.7	174814.5	-4851.1
9417	9.3	173350.3	-4803.3	9507	9.8	174005.9	-4858.8	9597	10.2	174817.0	-4812.7
9418	9.6	173406.3	-4805.4	9508	10.2	174009.4	-4822.4	9598	9.7	174819.5	-4846.0
9419	10.2	173407.3	-4800.8	9509	10.2	174011.4	-4800.9	9599	8.7	174828.5	-4816.2
9420	10.0	173412.3	-4802.2	9510	9.6	174015.9	-4856.1	9600	10.0	174832.0	-4829.3
9421	10.0	173425.3	-4847.1	9511	10.2	174024.4	-4811.8	9601	10.2	174836.5	-4837.9
9422	10.2	173432.3	-4854.3	9512	10.0	174036.7	-4857.5	9602	10.0	174843.0	-4823.0
9423	10.2	173432.3	-4829.6	9513	10.0	174037.9	-4816.5	9603	9.8	174855.0	-4806.8
9424	9.8	173432.8	-4819.6	9514	9.6	174039.4	-4819.3	9604	9.8	174900.0	-4850.0
9425	8.5	173433.3	-4814.9	9515	10.2	174044.7	-4857.3	9605	9.0	174902.5	-4818.1
9426	10.0	173450.3	-4849.5	9516	7.7	174057.9	-4814.5	9606	9.8	174939.5	-4815.3
9427	9.6	173451.3	-4858.0	9517	9.8	174101.4	-4838.9	9607	10.2	174940.0	-4835.6
9428	9.5	173451.3	-4836.9	9518	9.6	174101.4	-4814.1	9608	9.0	174942.0	-4827.3
9429	10.2	173456.3	-4842.6	9519	9.8	174113.4	-4804.8	9609	10.0	174944.0	-4845.6
9430	10.2	173508.3	-4800.7	9520	8.6	174114.9	-4846.3	9610	9.4	174951.5	-4811.2
9431	9.1	173522.3	-4807.4	9521	10.2	174120.3	-4817.8	9611	8.7	174951.5	-4806.2
9432	7.8	173525.3	-4805.8	9522	10.2	174121.3	-4817.0	9612	9.6	174959.0	-4853.4
9433	9.6	173525.5	-4850.1	9523	9.9	174127.3	-4829.0	9613	10.2	175013.0	-4852.5
9434	9.1	173529.0	-4849.4	9524	9.9	174130.3	-4822.5	9614	10.2	175018.0	-4839.3
9435	10.0	173530.0	-4810.4	9525	10.2	174131.3	-4818.8	9615	10.2	175023.0	-4830.8
9436	9.9	173536.5	-4812.1	9526	10.2	174134.3	-4825.6	9616	10.2	175029.0	-4835.3
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9438	10.0	173538.5	-4823.6	9528	9.8	174141.8	-4827.9	9618	9.4	175109.5	-4834.0
9439	9.5	173541.8	-4801.3	9529	10.0	174147.3	-4813.9	9619	9.4	175133.5	-4839.0
9440	10.0	173542.0	-4846.9	9530	10.2	174150.8	-4812.4	9620	10.2	175203.0	-4833.7
9441	9.3	173549.0	-4844.1	9531	9.7	174155.3	-4816.7	9621	10.2	175211.5	-4818.0
9442	10.0	173550.0	-4826.6	9532	9.7	174158.3	-4849.2	9622	10.2	175214.0	-4814.4
9443	9.0	173551.7	-4857.2	9533	9.7	174206.3	-4837.7	9623	7.9	175225.5	-4848.2
9444	9.8	173552.5	-4855.7	9534	8.3	174208.3	-4808.8	9624	9.4	175230.0	-4828.1
9445	10.2	173553.0	-4810.9	9535	9.8	174210.8	-4844.3	9625	9.0	175230.0	-4812.2
9446	10.2	173553.0	-4855.1	9536	9.3	174214.3	-4843.8	9626	8.8	175234.0	-4802.2
9447	9.3	173600.0	-4815.8	9537	9.7	174231.3	-4806.3	9627	9.2	175244.0	-4805.4
9448	10.0	173613.5	-4852.6	9538	9.2	174231.3	-4804.7	9628	9.4	175320.0	-4807.0
9449	10.2	173621.0	-4802.9	9539	9.8	174241.3	-4804.5	9629	9.0	175329.5	-4822.3
9450	10.2	173621.0	-4805.7	9540	9.8	174241.8	-4813.7	9630	9.9	175331.5	-4810.5
9451	7.8	173621.5	-4852.6	9541	9.7	174242.3	-4852.9	9631	9.2	175341.5	-4824.9
9452	10.0	173625.5	-4811.8	9542	9.7	174248.3	-4832.9	9632	9.4	175343.0	-4822.3
9453	9.9	173626.2	-4803.0	9543	9.6	174252.8	-4856.7	9633	10.2	175346.0	-4809.5
9454	9.7	173627.0	-4843.7	9544	10.0	174252.8	-4824.2	9634	9.9	175354.5	-4824.5
9455	10.2	173632.0	-4833.2	9545	9.8	174255.3	-4803.9	9635	9.0	175401.0	-4834.0
9456	10.2	173632.0	-4815.9	9546	9.5	174301.3	-4844.1	9636	9.9	175405.5	-4837.8
9457	9.8	173634.5	-4835.2	9547	9.9	174303.3	-4817.8	9637	9.9	175406.0	-4848.9
9458	9.8	173650.5	-4835.0	9548	10.2	174303.8	-4853.1	9638	8.2	175417.0	-4855.8
9459	10.2	173651.0	-4853.8	9549	9.4	174308.8	-4853.2	9639	10.2	175420.0	-4834.0
9460	9.7	173658.0	-4815.2	9550	9.2	174310.3	-4809.8	9640	10.2	175422.0	-4835.8
9461	10.2	173701.0	-4835.6	9551	10.2	174311.1	-4858.4	9641	10.2	175430.5	-4850.3
9462	9.3	173703.0	-4852.3	9552	10.2	174323.3	-4822.7	9642	9.6	175438.0	-4813.2
9463	8.2	173708.0	-4808.8	9553	10.2	174325.8	-4843.3	9643	9.4	175443.9	-4801.8
9464	9.8	173710.0	-4831.7	9554	10.0	174326.3	-4831.2	9644	8.8	175444.0	-4814.9
9465	10.2	173715.0	-4811.6	9555	10.0	174327.3	-4832.5	9645	9.4	175508.5	-4836.2
9466	10.2	173727.0	-4855.4	9556	9.3	174329.8	-4803.8	9646	8.8	175513.0	-4849.7
9467	9.8	173735.0	-4819.7	9557	10.2	174334.8	-4836.5	9647	10.0	175523.0	-4842.9
9468	10.2	173737.0	-4812.7	9558	9.2	174336.3	-4855.0	9648	9.0	175617.0	-4821.8
9469	10.0	173743.0	-4818.3	9559	9.8	174336.8	-4850.0	9649	9.0	175619.5	-4823.2
9470	9.5	173754.5	-4851.1	9560	9.8	174339.3	-4836.0	9650	10.2	175623.0	-4845.1
9471	10.2	173758.0	-4815.2	9561	10.2	174340.8	-4825.2	9651	9.8	175626.5	-4832.6
9472	8.6	173801.0	-4841.6	9562	9.4	174341.8	-4824.1	9652	9.6	175629.0	-4834.9
9473	10.2	173802.0	-4850.7	9563	9.4	174347.8	-4815.2	9653	10.2	175631.0	-4826.0
9474	10.2	173805.0	-4838.1	9564	9.3	174352.3	-4846.3	9654	9.7	175633.5	-4817.5
9475	10.2	173805.5	-4821.2	9565	9.9	174356.3	-4837.8	9655	9.2	175711.0	-4820.5
9476	10.0	173807.5	-4843.4	9566	10.2	174410.3	-4836.0	9656	9.2	175712.5	-4854.2
9477	9.3	173810.0	-4847.9	9567	9.5	174429.6	-4817.6	9657	8.8	175722.0	-4841.5
9478	10.0	173812.0	-4811.7	9568	8.2	174432.3	-4818.5	9658	7.8	175729.5	-4815.3
9479	10.2	173813.4	-4808.0	9569	10.2	174433.1	-4823.5	9659	9.6	175739.5	-4804.1
9480	9.8	173814.4	-4844.6	9570	9.7	174436.6	-4837.8	9660	9.2	175740.0	-4811.8
9481	10.2	173816.3	-4839.8	9571	9.9	174442.6	-4826.7	9661	10.2	175744.0	-4852.4
9482	9.9	173819.4	-4843.5	9572	10.0	174444.5	-4852.1	9662	10.2	175755.5	-4826.1
9483	9.3	173820.4	-4820.5	9573	9.8	174446.5	-4837.9	9663	10.2	175801.0	-4829.1
9484	9.9	173834.4	-4830.1	9574	9.3	174459.1	-4812.0	9664	10.2	175803.5	-4840.3
9485	9.6	173840.9	-4841.8	9575	10.0	174512.3	-4839.1	9665	10.2	175819.0	-4848.7
9486	9.4	173843.9	-4843.4	9576	10.2	174517.1	-4830.9	9666	9.1	175832.0	-4851.8
9487	10.2	173851.4	-4845.9	9577	9.8	174519.3	-4810.8	9667	10.0	175840.0	-4818.6
9488	10.2	173851.9	-4808.3	9578	10.2	174521.1	-4840.1	9668	9.4	175850.0	-4823.6
9489	9.8	173854.9	-4822.0	9579	9.4	174536.3	-4827.1	9669	10.0	175854.0	-4826.1
9490	9.6	173858.3	-4832.8	9580	8.6	174537.5	-4807.8	9670	10.2	175901.0	-4843.6
9491	9.0	173858.4	-4849.0	9581	10.2	174545.0	-4857.0	9671	10.2	175918.0	-4825.0
9492	9.5	173859.4	-4803.5	9582	10.2	174614.0	-4812.0	9672	8.1	175958.0	-4841.7
9493	9.6	173903.4	-4816.0	9583	9.0	174621.0	-4839.4	9673	10.2	180002.0	-4843.1
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-4810132 19h12m

-4810491 20h44m

10132	10.2	191202.3	-4814.5	10222	9.4	193135.3	-4846.5
10133	10.2	191207.8	-4809.9	10223	10.2	193142.3	-4819.0
10134	9.0	191222.3	-4853.9	10224	9.6	193144.8	-4850.9
10135	10.4	191228.3	-4822.4	10225	9.2	193205.8	-4819.9
10136	9.8	191300.3	-4811.4	10226	9.6	193213.8	-4840.8
10137	8.8	191308.3	-4855.9	10227	8.2	193218.8	-4857.2
10138	10.0	191320.8	-4818.5	10228	9.2	193229.3	-4806.7
10139	10.2	191329.8	-4846.1	10229	10.0	193240.6	-4857.3
10140	10.2	191331.8	-4839.9	10230	9.8	193257.8	-4818.2
10141	8.6	191358.3	-4855.9	10231	9.8	193258.3	-4822.8
10142	8.8	191400.0	-4823.5	10232	9.6	193320.3	-4812.4
10143	10.6	191402.8	-4837.6	10233	9.4	193332.3	-4843.9
10144	10.6	191404.3	-4854.1	10234	8.4	193333.8	-4829.4
10145	10.2	191432.5	-4840.0	10235	8.4	193409.3	-4829.7
10146	10.6	191436.3	-4859.5	10236	9.8	193434.8	-4806.2
10147	10.2	191506.8	-4807.4	10237	9.2	193440.3	-4852.3
10148	9.4	191513.3	-4807.0	10238	9.2	193513.0	-4802.8
10149	10.2	191520.8	-4848.4	10239	9.6	193530.0	-4843.5
10150	9.0	191529.3	-4819.8	10240	10.2	193530.5	-4813.9
10151	10.2	191619.6	-4803.4	10241	10.0	193546.0	-4806.8
10152	9.8	191634.1	-4825.4	10242	10.0	193548.5	-4836.0
10153	10.0	191636.6	-4839.5	10243	8.4	193603.0	-4821.8
10154	10.2	191649.6	-4802.4	10244	8.2	193612.5	-4827.2
10155	9.6	191651.6	-4805.5	10245	10.2	193616.4	-4830.5
10156	9.4	191656.6	-4854.6	10246	9.2	193637.8	-4842.9
10157	9.2	191658.1	-4804.6	10247	9.2	193659.3	-4849.7
10158	10.2	191703.6	-4849.2	10248	10.2	193709.8	-4818.1
10159	9.4	191704.6	-4831.0	10249	9.4	193725.8	-4848.9
10160	10.2	191708.6	-4833.6	10250	10.2	193729.8	-4839.9
10161	10.2	191721.6	-4812.6	10251	10.2	193729.8	-4848.3
10162	8.2	191756.1	-4845.4	10252	9.8	193742.3	-4849.5
10163	9.2	191805.1	-4851.8	10253	9.0	193747.3	-4834.7
10164	9.4	191808.6	-4803.3	10254	9.4	193753.8	-4836.5
10165	10.2	191835.6	-4832.8	10255	10.2	193802.8	-4825.9
10166	8.8	191844.8	-4856.8	10256	8.4	193811.3	-4827.7
10167	8.4	191908.3	-4807.8	10257	9.8	193823.3	-4819.6
10168	10.2	191918.8	-4841.5	10258	9.8	193823.9	-4802.0
10169	9.8	192001.3	-4807.6	10259	10.0	193842.3	-4835.9
10170	9.0	192001.3	-4803.6	10260	9.6	193847.8	-4845.2
10171	9.6	192004.3	-4828.7	10261	10.2	193856.6	-4853.5
10172	8.4	192007.3	-4848.0	10262	10.2	193939.1	-4844.5
10173	9.6	192030.8	-4830.5	10263	9.6	193941.6	-4834.8
10174	9.0	192033.3	-4842.7	10264	9.0	193947.6	-4822.3
10175	10.2	192036.3	-4827.0	10265	10.2	193956.4	-4859.7
10176	9.4	192041.3	-4855.3	10266	9.8	194029.1	-4816.7
10177	9.8	192044.8	-4803.7	10267	9.4	194050.1	-4825.7
10178	9.2	192051.3	-4823.3	10268	9.2	194106.6	-4847.9
10179	9.6	192057.8	-4845.7	10269	10.2	194141.1	-4834.9
10180	9.4	192101.3	-4844.3	10270	9.4	194203.8	-4828.1
10181	8.8	192108.8	-4833.5	10271	9.4	194219.3	-4851.1
10182	7.8	192111.3	-4841.4	10272	10.0	194237.3	-4803.5
10183	9.8	192118.8	-4846.0	10273	10.0	194247.3	-4832.8
10184	10.0	192122.7	-4802.4	10274	10.2	194309.8	-4831.3
10185	10.2	192157.3	-4848.6	10275	9.4	194340.8	-4842.7
10186	10.0	192213.3	-4845.6	10276	9.8	194342.4	-4802.6
10187	10.2	192300.9	-4825.6	10277	10.2	194343.8	-4806.3
10188	10.0	192316.4	-4852.9	10278	8.4	194401.7	-4847.3
10189	9.8	192335.4	-4834.4	10279	10.8	194511.3	-4856.2
10190	9.8	192344.4	-4851.5	10280	9.6	194534.7	-4829.0
10191	8.6	192349.2	-4858.0	10281	10.6	194540.6	-4845.9
10192	9.2	192412.4	-4857.0	10282	7.2	194609.6	-4836.4
10193	9.2	192413.9	-4810.6	10283	10.0	194615.1	-4812.2
10194	10.0	192415.9	-4858.2	10284	10.8	194655.6	-4813.1
10195	9.0	192432.9	-4831.6	10285	10.2	194700.1	-4802.7
10196	9.8	192443.9	-4854.0	10286	8.4	194715.1	-4803.9
10197	7.8	192449.4	-4856.6	10287	10.8	194725.1	-4857.7
10198	10.2	192505.9	-4824.0	10288	10.6	194733.1	-4859.1
10199	10.2	192525.4	-4814.7	10289	10.8	194802.1	-4848.4
10200	10.2	192537.4	-4832.5	10290	10.6	194804.6	-4841.2
10201	9.8	192546.4	-4817.1	10291	9.6	194809.6	-4821.0
10202	7.2	192557.4	-4822.0	10292	10.8	194847.6	-4801.3
10203	10.2	192623.4	-4810.8	10293	9.2	194868.6	-4840.2
10204	10.2	192651.4	-4827.8	10294	8.6	194854.6	-4827.8
10205	10.2	192653.5	-4859.8	10295	10.4	194902.1	-4851.7
10206	10.2	192657.1	-4841.0	10296	10.2	194909.6	-4800.1
10207	8.6	192657.6	-4811.4	10297	9.0	194931.1	-4819.4
10208	9.8	192658.6	-4812.4	10298	9.6	194940.1	-4829.1
10209	9.6	192740.6	-4854.2	10299	10.4	194943.6	-4804.9
10210	9.2	192804.6	-4821.0	10300	10.8	194956.6	-4814.6
10211	10.2	192808.6	-4801.9	10301	10.0	195042.6	-4836.2
10212	10.2	192810.6	-4837.7	10302	10.8	195048.6	-4850.9
10213	7.6	192838.1	-4823.3	10303	8.6	195049.6	-4831.5
10214	10.2	192910.6	-4839.2	10304	9.6	195111.3	-4858.8
10215	8.6	192914.6	-4817.5	10305	9.0	195139.6	-4854.2
10216	9.0	192940.6	-4835.8	10306	10.8	195153.1	-4814.3
10217	9.0	192951.1	-4834.6	10307	9.8	195154.6	-4851.7
10218	9.4	192957.6	-4836.5	10308	10.8	195213.1	-4808.2
10219	9.2	193025.1	-4838.8	10309	10.8	195219.1	-4827.9
10220	9.0	193031.1	-4827.9	10310	10.8	195310.1	-4812.7
10221	10.0	193118.8	-4836.8	10311	10.0	195329.6	-4802.0
10312	9.4	195346.1	-4819.3	10332	10.8	195906.1	-4834.4
10313	10.8	195405.6	-4826.8	10333	10.0	195920.1	-4822.9
10314	10.0	195435.6	-4804.4	10334	10.0	195928.6	-4826.5
10315	9.6	195441.1	-4858.0	10335	10.8	195943.6	-4837.5
10316	10.0	195443.6	-4851.8	10336	9.0	195950.1	-4854.6
10317	9.2	195448.6	-4841.8	10337	10.6	200021.1	-4852.8
10318	9.4	195520.1	-4847.2	10338	10.4	200034.6	-4807.7
10319	10.8	195524.1	-4843.8	10339	9.6	200045.1	-4856.2
10320	9.2	195540.1	-4830.5	10340	9.8	200138.6	-4808.1
10321	9.2	195550.1	-4857.9	10341	8.6	200218.6	-4844.7
10322	10.0	195602.6	-4854.8	10342	9.6	200236.1	-4821.7
10323	10.6	195604.1	-4806.9	10343	9.6	200257.6	-4854.1
10324	10.2	195611.1	-4829.6	10344	9.4	200258.1	-4821.5
10325	9.6	195710.1	-4857.2	10345	10.8	200354.1	-4838.4
10326	9.8	195740.1	-4842.0	10346	8.6	200412.6	-4842.0
10327	9.6	195741.6	-4814.8	10347	7.4	200431.6	-4805.1
10328	9.6	195745.6	-4822.2	10348	9.6	200450.1	-4834.4
10329	10.8	195811.5	-4802.3	10349	9.4	200502.1	-4842.8
10330	10.8	195817.6	-4827.5	10350	9.8	200508.1	-4854.8
10331	10.8	195859.1	-4818.4	10351	8.8	200510.1	-4834.7
10352	10.4	200520.1	-4827.8	10372	9.4	201010.6	-4819.7
10353	10.8	200540.1	-4835.1	10373	8.4	201105.6	-4852.1
10354	10.8	200557.6	-4800.0	10374	10.8	201135.4	-4802.3
10355	10.2	200644.6	-4830.9	10375	10.8	201145.6	-4844.5
10356	9.0	200650.1	-4847.2	10376	10.8	201153.6	-4846.0
10357	10.0	200657.6	-4852.0	10377	8.8	201158.6	-4841.4
10358	10.4	200701.6	-4836.1	10378	9.2	201300.1	-4807.0
10359	10.8	200704.6	-4804.8	10379	9.6	201315.1	-4829.0
10360	10.6	200714.6	-4811.5	10380	10.4	201321.6	-4804.7
10361	10.0	200743.6	-4835.0	10381	10.8	201340.4	-4838.4
10362	10.6	200752.6	-4846.2	10382	10.8	201350.6	-4839.0
10363	10.4	200843.1	-4834.0	10383	10.0	201352.6	-4823.3
10364	10.8	200856.6	-4846.9	10384	10.8	201440.1	-4822.1
10365	10.8	200904.1	-4830.2	10385	9.2	201452.8	-4814.1
10366	10.4	200922.1	-4853.2	10386	10.8	201459.1	-4842.1
10367	10.8	200926.6	-4847.9	10387	10.4	201501.1	-4851.0
10368	10.8	200927.1	-4855.3	10388	8.6	201501.7	-4837.5
10369	10.6	200930.1	-4854.7	10389	10.4	201532.1	-4827.5
10370	8.0	200942.1	-4858.5	10390	8.6	201533.7	-4842.8
10371	7.4	200958.1	-4805.7	10391	10.4	201537.1	-4847.5
10392	10.8	201537.7	-4831.5	10412	8.6	202102.8	-4823.7
10393	9.6	201616.4	-4810.1	10413	10.4	202108.8	-4849.9
10394	9.8	201622.0	-4854.4	10414	10.2	202121.3	-4856.5
10395	9.8	201628.3	-4840.4	10415	10.0	202154.3	-4839.6
10396	10.4	201639.5	-4813.1	10416	9.4	202155.3	-4837.9
10397	10.4	201726.5	-4828.8	10417	9.4	202209.8	-4809.9
10398	8.0	201742.0	-4822.0	10418	10.4	202222.8	-4849.5
10399	8.8	201746.5	-4822.4	10419	8.4	202223.8	-4830.6
10400	9.6	201757.0	-4814.2	10420	10.4	202236.8	-4827.6
10401	9.8	201828.5	-4831.6	10421	8.8	202239.3	-4825.4
10402	9.0	201843.5	-4851.0	10422	9.8	202242.3	-4840.2
10403	10.4	201845.0	-4812.0	10423	10.2	202315.3	-4806.9
10404	10.4	201902.8	-4800.9	10424	10.4	202324.3	-4825.8
10405	10.4	201909.3	-4832.4	10425	10.4	202329.3	-4841.6
10406	8.6	201910.8	-4848.8	10426	10.0	202337.8	-4804.2
10407	9.0	201931.8	-4850.0	10427	10.4	202340.3	-4844.2
10408	10.4	201949.3	-4805.2	10428	9.6	202350.8	-4837.0
10409	8.6	202007.8	-4850.8	10429	9.4	202357.3	-4808.1
10410	10.4	202035.8	-4835.0	10430	10.4	202453.8	-4821.8
10411	9.0	202035.8	-4831.0	10431	9.4	202511.8	-4818.4
10432	9.8	202518.8	-4815.5	10452	10.4	203207.4	-4815.5
10433	9.4	202519.8	-4800.2	10453	10.4	203211.9	-4816.2
10434	8.8	202521.8	-4841.8	10454	9.4	203238.1	-4839.0
10435	9.4	202522.8	-4843.5	10455	9.8	203242.9	-4844.6
10436	10.4	202643.3	-4806.8	10456	10.4	203243.9	-4838.2
10437	9.4	202654.8	-4812.2	10457	9.8	203246.9	-4853.4
10438	9.4	202659.8	-4844.8	10458	10.2	203256.4	-4835.3
10439	10.4	202710.8	-4814.0	10459	9.0	203259.4	-4821.1
10440	9.8	202732.8	-4812.2	10460	9.2	203312.4	-4848.7
10441	9.8	202744.8	-4845.6	10461	10.4	203316.4	-4837.2
10442	10.4	202831.9	-4854.8	10462	9.4	203332.9	-4808.0
10443	9.4	202852.9	-4854.0	10463	8.2	203346.4	-4851.4
10444	7.6	202904.7	-4858.8	10464	9.4	203450.9	-4810.2
10445	9.8	202911.4	-4800.2	10465	10.4	203456.4	-4809.0
10446	10.2	202923.4	-4815.6	10466	8.8	203558.2	-4800.1
10447	10.0	202949.4	-4838.0	10467	10.4	203600.1	-4856.3
10448	10.4	203010.9	-4853.0	10468	9.6	203615.1	-4856.9
10449	9.8	203043.4	-4826.0	10469	10.4	203627.4	-4816.0
10450	9.6	203055.4	-4825.8	10470	10.4	203641.9	-4820.5
10451	10.4	203109.4	-4818.4	10471	8.8	203651.4	-4804.2
10472	10.2	203704.4	-4843.2	10492	9.0	204129.4	-4846.8
10473	10.4	203724.9	-4841.0	10493	10.0	204137.4	-4844.0
10474	10.4	203759.4	-4829.0	10494	10.4	204207.4	-4853.8
10475	10.4	203913.4	-4847.2	10495	10.4	204218.9	-4853.7
10476	9.2	203921.4	-4814.2	10496	10.2	204307.9	-4854.6
10477	9.8	203952.4	-4821.0	10497	9.8	204331.4	-4823.4
10478	8.8	204012.9	-4844.5	10498	9.2	204333.4	-4835.8
10479	8.0	204029.4	-4841.0	10499	9.0	204337.9	-4829.0
10480	10.0	204052.9	-4820.1	10490	8.4	204348.4	-4843.3
10481	10.4	204102.4	-4820.1	10491	9.4	204402.4	-4822.8

-4810492 20h44m

-4810851 22h57m

10492	9.4	204405.8	-4804.8	10582	10.2	212033.0	-4800.8	10672	9.2	214913.4	-4839.4
10493	10.4	204409.4	-4854.6	10583	9.0	212050.2	-4832.3	10673	8.2	214950.4	-4808.4
10494	9.0	204428.3	-4814.6	10584	9.8	212051.2	-4837.0	10674	9.8	215019.4	-4844.6
10495	8.6	204518.1	-4821.5	10585	9.0	212107.2	-4841.1	10675	9.8	215029.4	-4810.6
10496	9.8	204519.1	-4840.8	10586	10.4	212123.5	-4802.6	10676	9.8	215110.4	-4855.3
10497	9.8	204616.6	-4832.5	10587	10.2	212149.7	-4818.1	10677	8.8	215207.4	-4815.1
10498	9.6	204649.8	-4827.1	10588	9.6	212216.7	-4853.7	10678	8.4	215225.9	-4823.6
10499	8.2	204712.3	-4832.0	10589	10.2	212217.7	-4857.3	10679	9.6	215227.9	-4835.6
10500	9.8	204749.3	-4819.2	10590	9.4	212236.5	-4854.1	10680	8.0	215307.8	-4804.2
10501	8.8	204905.5	-4832.1	10591	10.4	212259.2	-4805.5	10681	9.2	215320.0	-4848.6
10502	8.0	204925.5	-4840.5	10592	10.4	212300.2	-4800.1	10682	8.4	215323.5	-4827.8
10503	9.6	204927.0	-4833.0	10593	10.6	212318.7	-4846.5	10683	8.3	215338.0	-4809.2
10504	9.8	204935.0	-4834.2	10594	10.6	212353.7	-4816.4	10684	9.6	215346.0	-4845.9
10505	9.2	205028.0	-4834.6	10595	9.2	212404.7	-4844.9	10685	9.8	215357.0	-4850.6
10506	9.8	205028.4	-4859.1	10596	9.8	212410.1	-4826.0	10686	9.8	215408.0	-4834.0
10507	9.6	205028.5	-4857.2	10597	10.6	212435.1	-4803.1	10687	9.8	215416.5	-4846.8
10508	9.0	205059.0	-4814.5	10598	8.8	212441.6	-4810.6	10688	9.0	215423.2	-4839.7
10509	9.8	205208.0	-4805.1	10599	10.6	212541.1	-4825.6	10689	8.4	215433.7	-4816.5
10510	9.6	205311.0	-4809.1	10600	10.2	212630.1	-4821.3	10690	9.8	215441.2	-4844.2
10511	9.8	205312.5	-4849.5	10601	10.4	212653.9	-4802.6	10691	8.6	215515.2	-4852.2
10512	9.8	205318.5	-4817.5	10602	9.6	212708.6	-4834.7	10692	9.8	215532.7	-4819.1
10513	9.8	205356.7	-4823.0	10603	10.6	212728.6	-4843.5	10693	9.8	215611.7	-4812.0
10514	9.8	205402.0	-4858.9	10604	9.2	212751.5	-4830.6	10694	9.0	215614.2	-4809.6
10515	9.8	205428.7	-4809.2	10605	10.6	212759.1	-4810.9	10695	9.8	215645.7	-4805.0
10516	9.4	205506.5	-4859.0	10606	10.4	212802.6	-4845.5	10696	9.0	215655.2	-4847.4
10517	9.8	205521.2	-4801.6	10607	10.2	212810.1	-4836.6	10697	9.8	215731.1	-4858.6
10518	9.8	205527.7	-4807.7	10608	9.2	212931.1	-4853.2	10698	9.8	215758.8	-4838.1
10519	7.4	205530.4	-4827.2	10609	10.2	212951.6	-4828.0	10699	9.2	215801.3	-4841.4
10520	9.8	205646.2	-4817.3	10610	10.6	213018.1	-4854.3	10700	8.4	215806.3	-4832.4
10521	8.8	205701.2	-4819.0	10611	9.2	213020.3	-4857.1	10701	9.8	215854.7	-4858.8
10522	9.8	205707.0	-4801.2	10612	10.4	213050.4	-4826.4	10702	9.8	215915.3	-4807.6
10523	9.8	205718.2	-4840.5	10613	10.0	213114.4	-4819.9	10703	8.6	215918.3	-4827.4
10524	9.8	205800.7	-4847.1	10614	9.8	213114.9	-4807.1	10704	9.2	215923.3	-4840.5
10525	9.8	205810.2	-4821.1	10615	10.6	213120.9	-4850.3	10705	8.8	215928.8	-4827.8
10526	9.0	205937.2	-4826.2	10616	8.8	213123.4	-4853.7	10706	9.8	215954.3	-4842.5
10527	9.8	205938.7	-4842.8	10617	10.4	213210.4	-4824.9	10707	8.8	220004.8	-4800.8
10528	9.8	205947.7	-4851.2	10618	9.8	213218.9	-4846.7	10708	9.8	220022.5	-4844.7
10529	9.2	205952.4	-4850.6	10619	9.4	213245.9	-4809.4	10709	9.8	220025.5	-4803.0
10530	9.8	210008.9	-4844.5	10620	10.4	213250.9	-4800.5	10710	9.2	220027.5	-4856.4
10531	9.8	210044.4	-4834.1	10621	9.0	213255.9	-4803.4	10711	9.8	220029.0	-4841.9
10532	9.6	210046.9	-4851.9	10622	9.2	213311.4	-4827.7	10712	9.0	220030.5	-4807.5
10533	9.8	210058.4	-4843.8	10623	10.2	213313.9	-4820.1	10713	9.6	220037.0	-4805.6
10534	9.6	210058.4	-4821.2	10624	8.4	213317.9	-4841.5	10714	8.6	220151.0	-4857.4
10535	9.8	210107.9	-4834.7	10625	10.6	213421.9	-4842.5	10715	7.8	220202.5	-4843.0
10536	8.8	210155.9	-4849.6	10626	9.0	213428.4	-4803.7	10716	8.8	220211.9	-4858.8
10537	9.6	210158.4	-4832.9	10627	10.6	213430.4	-4834.7	10717	8.6	220217.6	-4811.4
10538	9.8	210217.4	-4820.9	10628	9.8	213440.4	-4809.7	10718	9.4	220224.6	-4854.6
10539	9.8	210218.4	-4850.3	10629	8.0	213450.9	-4845.3	10719	8.8	220310.4	-4803.1
10540	8.0	210219.4	-4840.4	10630	9.6	213519.4	-4854.5	10720	9.0	220318.6	-4837.2
10541	9.8	210250.4	-4801.7	10631	9.0	213520.4	-4811.1	10721	9.0	220410.1	-4846.9
10542	9.6	210316.4	-4810.2	10632	9.4	213528.9	-4842.0	10722	9.6	220413.1	-4812.0
10543	9.6	210326.9	-4818.4	10633	10.6	213538.9	-4825.4	10723	8.6	220432.6	-4854.7
10544	8.8	210356.4	-4825.1	10634	10.4	213540.4	-4843.4	10724	9.8	220507.6	-4841.0
10545	9.4	210437.6	-4850.1	10635	9.2	213600.4	-4856.2	10725	9.8	220508.1	-4810.0
10546	9.8	210438.1	-4848.2	10636	8.4	213610.9	-4852.7	10726	9.8	220521.1	-4819.3
10547	7.6	210459.6	-4803.8	10637	9.2	213630.4	-4840.4	10727	9.6	220541.1	-4838.3
10548	9.8	210543.6	-4830.2	10638	9.8	213819.4	-4819.3	10728	9.8	220708.1	-4858.9
10549	9.8	210547.1	-4801.8	10639	9.4	213830.4	-4812.4	10729	9.4	220800.1	-4847.2
10550	9.6	210554.1	-4841.6	10640	9.6	213859.9	-4848.6	10730	8.8	220820.7	-4837.7
10551	9.4	210728.1	-4850.8	10641	10.4	213900.4	-4834.7	10731	9.2	220930.5	-4847.2
10552	9.8	210729.1	-4843.5	10642	10.4	213904.4	-4830.4	10732	9.8	221002.6	-4803.1
10553	9.8	210807.9	-4854.5	10643	10.6	213927.9	-4811.1	10733	8.8	221020.5	-4847.9
10554	8.0	210851.4	-4835.3	10644	9.8	213942.4	-4811.1	10734	9.2	221034.0	-4850.5
10555	9.8	210913.0	-4800.7	10645	10.6	213949.9	-4810.8	10735	9.8	221116.5	-4853.6
10556	9.8	210916.2	-4858.7	10646	10.2	214000.4	-4856.0	10736	9.0	221121.5	-4839.5
10557	9.8	211103.0	-4857.5	10647	10.2	214019.9	-4812.0	10737	8.8	221203.0	-4837.1
10558	9.4	211114.5	-4800.0	10648	10.4	214020.4	-4816.6	10738	9.8	221223.5	-4818.2
10559	9.8	211124.2	-4857.7	10649	7.3	214027.9	-4821.2	10739	9.2	221234.1	-4829.5
10560	9.8	211130.4	-4858.5	10650	10.0	214050.4	-4826.9	10740	9.8	221249.6	-4847.9
10561	9.4	211201.9	-4803.7	10651	10.6	214110.4	-4805.8	10741	9.4	221306.4	-4800.0
10562	9.2	211215.1	-4816.4	10652	8.4	214118.4	-4832.7	10742	9.8	221308.1	-4847.3
10563	9.8	211221.6	-4838.3	10653	10.6	214131.6	-4815.3	10743	8.8	221327.8	-4812.3
10564	9.6	211336.8	-4827.7	10654	10.2	214151.1	-4840.3	10744	9.8	221402.4	-4803.2
10565	10.6	211407.0	-4832.6	10655	7.4	214155.6	-4818.3	10745	9.8	221406.4	-4839.0
10566	7.6	211418.5	-4859.0	10656	9.0	214157.8	-4856.7	10746	9.8	221409.6	-4823.3
10567	10.6	211449.0	-4839.1	10657	9.8	214249.1	-4829.8	10747	10.4	221525.7	-4817.5
10568	10.4	211549.3	-4850.3	10658	10.2	214258.1	-4818.9	10748	8.6	221734.0	-4812.0
10569	10.6	211550.0	-4827.0	10659	10.4	214309.6	-4820.6	10749	10.0	221812.0	-4834.6
10570	8.8	211616.8	-4841.7	10660	8.0	214331.4	-4824.1	10750	9.4	221839.5	-4807.9
10571	9.4	211617.9	-4811.8	10661	10.4	214407.9	-4803.2	10751	10.0	221841.5	-4841.1
10572	9.4	211648.2	-4826.4	10662	10.0	214433.1	-4800.3	10752	9.6	221902.5	-4859.7
10573	10.6	211659.7	-4846.1	10663	8.6	214450.4	-4819.2	10753	9.6	221914.7	-4857.7
10574	9.0	211730.7	-4809.1	10664	10.4	214519.6	-4830.4	10754	9.6	221957.0	-4835.3
10575	10.2	211836.7	-4813.1	10665	10.6	214548.6	-4832.4	10755	9.8	222025.0	-4804.5
10576	9.4	211855.0	-4802.5	10666	9.8	214601.2	-4854.3	10756	8.6	222107.5	-4843.3
10577	8.6	211909.7	-4828.3	10667	9.8	214625.0	-4857.6	10757	10.4	222107.5	-4820.7
10578	9.0	211948.7	-4822.5	10668	9.2	214653.2	-4821.4	10758	10.4	222142.0	-4851.3
10579	10.4	211959.2	-4857.1	10669	9.8	214701.7	-4800.6	10759	9.8	222209.5	-4838.4
10580	10.2	212011.7	-4832.4	10670	9.8	214726.2	-4804.8	10760	10.4	222243.0	-4816.3
10581	9.0	212014.7	-4837.0	10671	8.8	214850.2	-4837.7	10761	8.8	222252.5	-4835.9
10762	7.3	222319.5	-4857.3	10832	10.4	224550.1	-4823.0
10763	10.4	222330.0	-4804.7	10833	10.4	224608.5	-4843.9
10764	9.2	222332.5	-4848.9	10834	10.0	224701.0	-4838.7
10765	10.4	222334.5	-4834.3	10835	8.6	224741.0	-4808.9
10766	9.6	222414.5	-4807.9	10836	10.4	224855.0	-4848.0
10767	9.2	222414.5	-4847.9	10837	10.4	224903.0	-4817.7
10768	10.4	222457.0	-4844.4	10838	9.8	224914.5	-4803.1
10769	10.4	222502.0	-4821.1	10839	5.9	224931.0	-4838.3
10770	9.8	222508.5	-4830.6	10840	10.4	225001.0	-4808.3
10771	10.4	222539.5	-4845.9	10841	10.4	225237.2	-4801.6
10772	9.2	222600.5	-4854.7	10842	10.0	225240.5	-4857.0
10773	10.0	222623.3	-4856.3	10843	9.0	225303.0	-4822.0
10774	10.0	222659.6	-4822.0	10844	10.4	225325.0	-4820.7
10775	8.1	222703.5	-4814.5	10845	10.2	225340.0	-4836.5
10776	10.0	222705.5	-4820.3	10846	6.6	225543.0	-4831.1
10777	9.6	222706.6	-4842.1	10847	10.2	225551.1	-4822.6
10778	10.0	222714.5	-4849.0	10848	8.5	225553.6	-4834.1
10779	10.0	222739.5	-4801.3	10849	9.0	225556.4	-4844.7
10780	10.4	222852.0	-4804.1	10850	10.4	225656.1	-4810.4
10781	7.6	222903.8	-4857.3	10851	9.6	225720.6	-4848.1
10782	10.2	222915.8	-4857.3				
10783	10.0	222916.0	-4812.5				
10784	10.0	222918.0	-4805.5				
10785	8.1	222928.0	-4827.4				
10786	9.6	222950.0	-4821.0				
10787	9.6	223006.5	-4828.5				
10788	9.6	223034.0	-4815.5				
10789	8.6	223104.5	-4821.3				
10790	10.0	223123.0	-4836.6				
10791	10.4	223148.5	-4815.7				
10792	9.2	223223.5	-4849.3				
10793	8.2	223226.5	-4823.6				
10794	10.4	223248.2	-4829.9				
10795	10.4	223316.7	-4803.2				
10796	8.0	223336.2	-4815.3				
10797	10.4	223339.7	-4801.1				
10798	10.4	223411.2	-4808.4				
10799	8.7	223437.2	-4849.7				
10800	10.4	223458.2	-4803.2				
10801	8.5	223533.7	-4824.0				
10802	9.6	223556.2	-4837.4				
10803	9.8	223608.2	-4826.2				
10804	10.4	223633.7	-4807.8				
10805	8.1	223633.7	-4838.5				
10806	10.4	223720.7	-4849.6				
10807	10.4	223721.2	-4847.2				
10808	9.6	223841.3	-4807.1				
10809	9.2	223851.8	-4815.7				
10810	10.4	223856.6	-4850.6				
10811	8.0	223920.6	-4858.4				
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10814	9.6	223957.3	-4825.7				
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10816	9.2	224107.8	-4812.8				
10817	9.4	224109.6	-4858.2				
10818	9.0	224115.3	-4846.0				
10819	10.2	224138.8	-4836.9				
10820	10.4	224142.3	-4843.8				
10821	10.0	224147.3	-4810.2				
10822	9.6	224210.8	-4845.0				
10823	10.4	224221.3	-4810.0				
10824	10.4	224227.3	-4801.6				
10825	10.2	224318.3	-4820.1				
10826	10.4	224338.1	-4840.2				
10827	9.8	224352.6	-4823.3				
10828	9.6	224413.1	-4843.8				
10829	9.6	224417.3	-4842.4				
10830	6.8	224458.1	-4814.3				
10831	7.5	224504.6	-4839.2				

-4810852 22h58m

-49 199 1h27m

10852	8.5	225826.1	-4832.5	10942	10.0	233557.4	-4854.0	20	10.4	00659.8	-4948.4
10853	10.0	225903.1	-4852.6	10943	10.2	233603.9	-4845.1	21	10.4	00706.8	-4944.5
10854	8.0	225911.6	-4827.5	10944	9.8	233614.9	-4853.3	22	8.8	00727.8	-4953.7
10855	8.2	225927.6	-4835.1	10945	10.2	233646.9	-4815.0	23	10.4	00727.8	-4924.7
10856	10.0	230006.6	-4844.4	10946	10.2	233700.9	-4818.1	24	6.9	00729.8	-4922.7
10857	9.0	230105.6	-4831.0	10947	10.0	233759.9	-4811.1	25	8.8	00730.8	-4907.7
10858	10.2	230127.6	-4813.1	10948	8.8	233815.9	-4802.3	26	10.2	00750.3	-4902.7
10859	10.2	230215.6	-4827.2	10949	8.6	233819.9	-4835.7	27	10.2	00857.3	-4914.9
10860	8.1	230217.1	-4826.2	10950	10.2	233824.9	-4823.0	28	10.4	00900.8	-4906.4
10861	9.6	230407.6	-4817.9	10951	10.2	233830.9	-4857.6	29	10.4	00926.0	-4957.6
10862	9.6	230430.6	-4841.7	10952	10.2	233937.9	-4856.1	30	8.5	00954.8	-4915.0
10863	9.2	230436.1	-4858.9	10953	9.8	233944.9	-4830.5	31	10.4	01042.3	-4916.3
10864	9.6	230629.2	-4819.0	10954	9.6	234002.6	-4857.2	32	9.4	01118.8	-4910.0
10865	10.0	230632.7	-4806.7	10955	10.2	234013.9	-4803.6	33	10.4	01121.3	-4955.4
10866	10.4	230728.2	-4819.8	10956	9.6	234020.4	-4852.9	34	9.0	01139.0	-4959.2
10867	10.4	230743.2	-4831.3	10957	9.8	234036.3	-4840.7	35	10.0	01220.8	-4939.0
10868	9.4	230801.7	-4807.1	10958	7.4	234048.0	-4857.9	36	10.4	01223.3	-4959.0
10869	7.2	231059.2	-4847.7	10959	9.4	234107.9	-4801.1	37	9.0	01245.3	-4946.9
10870	10.0	231130.4	-4859.3	10960	10.0	234151.3	-4809.4	38	9.7	01255.5	-4958.6
10871	6.5	231145.7	-4807.1	10961	7.7	234211.3	-4820.6	39	9.4	01348.8	-4938.6
10872	7.0	231300.2	-4813.5	10962	10.2	234230.8	-4821.4	40	9.8	01410.8	-4940.7
10873	10.4	231323.8	-4846.9	10963	8.2	234305.8	-4846.5	41	10.2	01512.1	-4948.8
10874	10.4	231433.7	-4841.2	10964	10.0	234311.8	-4858.8	42	8.6	01519.6	-4941.3
10875	8.8	231533.8	-4812.3	10965	8.5	234343.3	-4808.9	43	10.4	01557.4	-4925.2
10876	9.0	231539.9	-4846.6	10966	9.6	234359.8	-4822.1	44	9.2	01607.3	-4943.8
10877	9.4	231558.9	-4825.0	10967	7.0	234400.8	-4804.5	45	9.0	01642.9	-4952.7
10878	9.1	231659.9	-4829.7	10968	10.0	234537.2	-4858.7	46	8.1	01658.4	-4902.6
10879	9.6	231701.9	-4838.8	10969	10.0	234539.8	-4843.0	47	9.5	01809.4	-4916.8
10880	10.2	231713.4	-4808.5	10970	10.4	234543.5	-4824.1	48	9.2	01902.4	-4950.1
10881	9.8	231736.9	-4814.3	10971	8.8	234554.1	-4827.1	49	8.8	01948.4	-4935.3
10882	8.4	231830.9	-4853.4	10972	10.4	234622.5	-4854.8	50	10.3	02011.9	-4905.8
10883	8.8	231943.4	-4849.3	10973	10.0	234632.5	-4830.9	51	10.2	02052.7	-4936.0
10884	8.0	231949.9	-4853.1	10974	8.6	234708.0	-4817.1	52	10.4	02149.7	-4951.8
10885	9.9	232004.4	-4838.7	10975	10.4	234712.0	-4832.9	53	10.0	02151.7	-4953.6
10886	10.2	232016.9	-4801.8	10976	9.4	234723.5	-4848.8	54	9.6	02153.5	-4958.9
10887	9.9	232038.9	-4808.8	10977	9.0	234819.0	-4830.3	55	9.0	02232.0	-4901.5
10888	9.9	232040.9	-4851.9	10978	9.8	234828.5	-4858.6	56	9.3	02247.2	-4947.3
10889	9.4	232052.4	-4831.7	10979	9.1	234901.0	-4833.4	57	9.8	02320.2	-4917.7
10890	10.2	232055.9	-4842.4	10980	10.4	234920.0	-4811.7	58	10.2	02326.7	-4945.9
10891	10.2	232220.4	-4854.9	10981	10.2	234925.5	-4845.9	59	10.2	02357.7	-4952.4
10892	10.2	232220.9	-4832.5	10982	9.4	234928.0	-4848.4	60	10.3	02408.2	-4922.8
10893	9.5	232223.9	-4813.3	10983	9.0	234930.5	-4838.3	61	9.2	02443.7	-4926.0
10894	9.8	232231.4	-4811.0	10984	10.4	234959.0	-4837.0	62	8.2	02505.7	-4919.7
10895	10.0	232311.9	-4831.1	10985	9.2	235017.0	-4852.4	63	4.7	02521.7	-4929.7
10896	10.0	232324.4	-4850.6	10986	9.8	235040.5	-4842.9	64	10.3	02558.2	-4926.2
10897	9.6	232328.4	-4823.3	10987	9.0	235101.3	-4822.6	65	10.4	02702.7	-4924.2
10898	8.4	232328.9	-4855.9	10988	9.4	235131.3	-4848.7	66	10.0	02712.7	-4911.5
10899	8.6	232337.9	-4815.5	10989	9.8	235158.3	-4829.0	67	10.3	02718.7	-4915.8
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10901	9.4	232359.4	-4805.5	10991	10.4	235329.8	-4854.6	69	10.4	02758.0	-4958.0
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10906	9.8	232544.9	-4858.6	10996	10.4	235518.3	-4815.2	74	8.4	02905.5	-4937.4
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270 9.0 20148.9 -4944.8	360 9.9 25422.7 -4916.0	450 9.6 34132.9 -4913.4	540 9.4 41818.7 -4936.1
271 10.0 20212.9 -4901.7	361 9.2 25432.4 -4913.9	451 9.2 34226.4 -4948.9	541 9.8 41947.7 -4931.8
272 10.5 20307.9 -4932.8	362 9.6 25443.9 -4940.6	452 9.4 34226.4 -4943.7	542 9.6 42012.7 -4907.9
273 9.0 20315.9 -4942.4	363 7.9 25452.4 -4957.2	453 9.2 34254.0 -4904.0	543 9.4 42018.7 -4926.0
274 9.8 20317.4 -4919.6	364 8.9 25519.9 -4917.2	454 9.4 34323.2 -4918.7	544 9.9 42037.2 -4954.6
275 9.2 20346.9 -4952.0	365 9.8 25535.4 -4915.7	455 9.9 34331.2 -4904.3	545 8.6 42047.7 -4913.3
276 9.8 20357.9 -4912.6	366 9.0 25556.4 -4955.0	456 9.9 34431.1 -4959.9	546 9.6 42059.2 -4933.7
277 9.6 20405.9 -4900.0	367 9.0 25557.4 -4952.3	457 8.4 34432.7 -4927.9	547 9.6 42227.7 -4919.7
278 10.2 20432.9 -4904.6	368 9.8 25604.4 -4959.1	458 9.9 34640.2 -4945.8	548 9.2 42332.6 -4936.9
279 8.0 20453.9 -4911.4	369 9.0 25613.4 -4948.9	459 9.6 34711.0 -4958.0	549 9.4 42353.6 -4934.2
280 8.7 20551.9 -4928.8	370 9.9 25650.7 -4906.3	460 9.1 34715.7 -4907.0	550 8.8 42413.1 -4916.1
281 7.6 20649.4 -4955.3	371 8.4 25736.4 -4920.8	461 9.7 34754.7 -4941.1	551 7.7 42531.6 -4952.6
282 9.0 20652.9 -4944.2	372 9.9 25737.9 -4946.6	462 9.7 34755.5 -4959.3	552 9.2 42553.6 -4923.4
283 9.6 20653.9 -4930.6	373 9.2 25747.4 -4919.6	463 9.7 34826.7 -4936.2	553 8.6 42823.1 -4935.8
284 9.6 20716.4 -4948.6	374 9.2 25747.9 -4927.4	464 9.7 34826.7 -4937.7	554 9.9 42839.6 -4904.2
285 10.5 20716.9 -4900.6	375 9.9 25749.9 -4922.2	465 9.6 34834.2 -4926.7	555 9.2 42907.6 -4956.9
286 9.8 20722.9 -4942.3	376 9.0 25801.6 -4954.4	466 9.9 34911.2 -4946.0	556 9.6 42958.4 -4902.7
287 9.0 20811.7 -4938.3	377 9.9 25818.5 -4920.0	467 9.4 34920.2 -4911.5	557 8.8 43022.6 -4905.6
288 10.4 20840.7 -4912.9	378 8.6 25914.6 -4911.3	468 9.6 34939.7 -4941.0	558 9.1 43023.1 -4944.6
289 9.4 20851.7 -4949.5	379 9.6 30124.1 -4906.7	469 9.9 34947.2 -4922.7	559 9.4 43122.6 -4910.2

-49 560 4h31m

560	9.6	43133.6	-4931.5
561	8.5	43324.1	-4925.4
562	9.9	43350.6	-4912.6
563	9.2	43419.1	-4928.0
564	9.6	43511.1	-4938.8
565	9.4	43525.6	-4939.6
566	9.6	43536.1	-4907.8
567	9.9	43555.6	-4956.6
568	9.9	43639.6	-4918.9
569	9.4	43737.1	-4902.8
570	9.8	43845.6	-4911.1
571	9.1	43852.6	-4936.9
572	8.6	43930.1	-4913.0
573	8.8	43958.1	-4904.1
574	9.4	44048.1	-4920.8
575	9.8	44136.1	-4911.9
576	9.8	44158.1	-4935.5
577	7.5	44248.8	-4928.2
578	10.4	44407.6	-4907.5
579	9.1	44446.8	-4954.5
580	10.0	44501.1	-4908.3
581	8.6	44518.8	-4923.2
582	10.2	44624.1	-4910.8
583	10.4	44646.6	-4943.6
584	10.4	44650.1	-4934.8
585	10.4	44659.6	-4938.4
586	9.6	44721.6	-4951.8
587	7.8	44810.1	-4936.4
588	10.4	44824.1	-4920.2
589	10.4	44832.6	-4924.2
590	10.2	44901.9	-4904.1
591	10.4	44959.9	-4953.7
592	10.4	45020.4	-4954.2
593	10.4	45027.9	-4937.5
594	10.4	45047.4	-4926.8
595	10.2	45240.4	-4917.3
596	10.4	45243.9	-4931.6
597	10.4	45306.4	-4934.9
598	10.4	45318.4	-4953.6
599	9.6	45339.6	-4950.1
600	8.8	45352.6	-4909.9
601	8.6	45402.6	-4948.9
602	9.8	45409.1	-4941.6
603	10.4	45513.1	-4913.4
604	9.4	45520.6	-4925.1
605	10.4	45529.0	-4900.5
606	10.0	45529.1	-4937.9
607	10.4	45530.1	-4959.9
608	9.6	45536.6	-4914.7
609	10.4	45543.1	-4934.1
610	8.4	45546.6	-4955.5
611	7.0	45613.6	-4938.7
612	8.4	45623.6	-4918.5
613	10.4	45645.6	-4908.9
614	10.2	45649.1	-4938.9
615	10.4	45712.6	-4909.2
616	10.2	45717.6	-4946.1
617	8.8	45729.1	-4933.5
618	10.4	45753.6	-4929.8
619	9.4	45808.6	-4932.7
620	8.7	45812.6	-4945.5
621	9.4	45821.6	-4946.7
622	9.0	45823.1	-4913.7
623	9.6	45826.1	-4923.1
624	8.8	45834.6	-4947.5
625	10.4	45838.6	-4909.5
626	10.2	45846.6	-4929.7
627	9.6	45849.1	-4908.6
628	9.0	45858.6	-4910.9
629	10.4	45916.6	-4905.5
630	10.0	45918.6	-4918.4
631	10.4	45921.1	-4934.1
632	6.1	45932.6	-4919.7
633	9.6	45939.6	-4923.9
634	7.9	45943.6	-4953.0
635	9.0	45954.2	-4949.4
636	10.0	45957.7	-4941.3
637	7.7	50001.2	-4940.1
638	10.2	50005.2	-4948.0
639	10.0	50021.2	-4949.6
640	9.1	50109.7	-4950.5
641	8.1	50110.2	-4947.1
642	9.4	50127.7	-4924.0
643	10.4	50143.2	-4919.0
644	7.1	50143.2	-4944.8
645	10.2	50150.2	-4911.0
646	9.0	50215.2	-4906.8
647	10.0	50301.2	-4934.8
648	10.4	50330.4	-4957.9
649	7.2	50451.8	-4927.5
650	8.6	50508.8	-4955.0
651	9.5	50522.8	-4937.0
652	8.6	50537.3	-4939.0
653	10.2	50549.8	-4924.6
654	9.6	50553.8	-4945.2
655	7.8	50556.8	-4908.2
656	9.8	50559.8	-4928.6
657	10.4	50626.8	-4945.0
658	8.6	50632.8	-4930.4
659	9.5	50632.8	-4913.2
660	10.4	50659.8	-4949.6
661	10.4	50733.3	-4943.2
662	9.8	50754.8	-4909.9
663	10.0	50807.8	-4941.4
664	9.0	50807.8	-4912.1
665	10.0	50832.3	-4921.0
666	10.4	50833.6	-4923.8
667	10.2	50836.6	-4956.2
668	7.5	50848.1	-4912.7
669	8.4	50854.6	-4912.4
670	9.4	50926.1	-4938.0
671	9.6	50933.6	-4918.8
672	9.1	50941.6	-4931.4
673	9.8	51010.1	-4958.0
674	10.0	51016.6	-4930.9
675	9.8	51026.6	-4930.0
676	9.3	51032.1	-4920.6
677	10.0	51033.1	-4941.4
678	10.4	51056.6	-4936.3
679	10.4	51112.6	-4938.4
680	10.2	51112.6	-4906.8
681	10.0	51135.1	-4950.2
682	9.4	51219.2	-4924.2
683	8.2	51229.7	-4934.9
684	10.4	51232.7	-4920.3
685	10.4	51247.2	-4935.5
686	10.4	51248.2	-4909.7
687	10.4	51313.2	-4934.1
688	8.3	51336.2	-4944.1
689	10.2	51359.2	-4940.3
690	9.8	51426.5	-4902.7
691	9.2	51511.2	-4947.2
692	10.0	51512.2	-4948.3
693	10.0	51523.9	-4906.9
694	9.9	51535.4	-4937.5
695	9.2	51543.9	-4922.5
696	9.0	51549.5	-4953.7
697	10.2	51606.2	-4915.4
698	9.9	51618.2	-4946.0
699	8.6	51622.7	-4951.0
700	10.0	51701.2	-4909.9
701	9.0	51713.2	-4903.8
702	8.4	51744.7	-4953.7
703	8.8	51747.7	-4917.8
704	9.8	51802.7	-4928.2
705	10.1	51808.5	-4942.6
706	9.4	51817.5	-4945.5
707	10.0	51850.5	-4922.5
708	10.2	51858.5	-4918.4
709	8.2	52014.5	-4929.4
710	10.0	52033.5	-4913.7
711	10.0	52040.5	-4948.1
712	9.2	52203.7	-4901.9
713	9.8	52209.5	-4941.6
714	10.2	52240.5	-4925.2
715	9.6	52304.5	-4951.5
716	10.2	52339.0	-4955.5
717	9.7	52340.2	-4949.4
718	10.2	52430.2	-4926.8
719	9.4	52440.2	-4936.1
720	8.2	52501.2	-4915.5
721	10.2	52623.2	-4909.7
722	9.6	52629.2	-4933.9
723	10.2	52722.7	-4946.6
724	10.2	52724.2	-4944.5
725	9.2	52747.2	-4943.6
726	9.7	52750.2	-4945.2
727	9.6	52751.2	-4946.5
728	10.2	52820.7	-4924.9
729	10.2	52821.2	-4945.5
730	7.3	52831.2	-4906.6
731	10.0	52901.2	-4915.8
732	10.2	52951.2	-4924.3
733	10.2	52953.7	-4954.1
734	9.4	52957.7	-4946.6
735	7.6	53016.5	-4927.5
736	9.8	53019.8	-4901.5
737	7.6	53128.0	-4901.8
738	9.8	53139.0	-4934.6
739	10.2	53151.0	-4911.0

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740	10.2	53214.0	-4934.8
741	9.7	53229.0	-4949.3
742	8.7	53232.0	-4949.9
743	9.4	53236.0	-4926.9
744	8.9	53242.0	-4946.8
745	10.2	53255.0	-4932.1
746	8.9	53328.0	-4939.3
747	9.9	53328.5	-4920.1
748	10.2	53415.0	-4940.9
749	8.7	53432.5	-4939.2
750	10.2	53444.6	-4958.1
751	10.0	53526.0	-4946.9
752	9.2	53543.8	-4906.1
753	9.8	53614.3	-4930.0
754	9.0	53638.8	-4955.1
755	10.1	53640.3	-4908.3
756	10.2	53642.8	-4952.2
757	9.0	53650.8	-4931.6
758	8.9	53707.3	-4936.2
759	9.9	53717.3	-4903.3
760	10.2	53801.0	-4959.7
761	10.0	53841.8	-4938.8
762	9.6	53848.8	-4902.7
763	10.2	53849.8	-4938.1
764	10.0	53927.3	-4923.5
765	9.2	53951.8	-4924.7
766	8.8	54016.8	-4934.4
767	7.4	54020.3	-4953.9
768	9.2	54036.3	-4913.2
769	10.2	54048.8	-4921.2
770	10.2	54101.3	-4914.6
771	8.4	54103.3	-4913.6
772	10.2	54112.3	-4944.6
773	9.4	54120.8	-4923.9
774	9.7	54139.1	-4947.2
775	10.2	54143.1	-4935.1
776	9.4	54251.1	-4933.0
777	10.2	54252.6	-4915.1
778	9.7	54304.6	-4956.7
779	9.7	54307.6	-4921.0
780	8.8	54312.6	-4919.7
781	9.4	54315.1	-4954.2
782	10.0	54317.6	-4934.3
783	10.2	54330.4	-4959.7
784	10.2	54336.3	-4937.3
785	10.2	54356.1	-4908.2
786	10.2	54412.7	-4906.1
787	10.2	54430.6	-4902.2
788	10.2	54449.6	-4915.0
789	8.7	54510.7	-4901.4
790	9.4	54524.5	-4940.7
791	9.8	54530.9	-4905.6
792	9.7	54642.4	-4943.4
793	9.2	54700.4	-4926.3
794	10.0	54709.9	-4950.9
795	7.3	54711.5	-4901.3
796	9.8	54719.9	-4927.7
797	9.0	54820.7	-4921.8
798	10.0	54850.7	-4928.8
799	9.0	54913.7	-4936.8
800	8.5	54918.7	-4906.7
801	9.3	54950.2	-4911.8
802	9.4	55006.2	-4900.4
803	9.3	55024.7	-4933.3
804	9.4	55100.7	-4940.8
805	9.8	55130.7	-4925.7
806	9.4	55132.7	-4921.6
807	6.7	55133.2	-4938.8
808	10.0	55139.2	-4902.1
809	9.0	55140.1	-4901.4
810	9.4	55153.0	-4948.0
811	8.6	55208.0	-4939.5
812	9.5	55225.5	-4917.3
813	9.8	55229.5	-4908.5
814	9.2	55235.0	-4907.0
815	9.4	55238.0	-4954.2
816	10.0	55304.5	-4946.4
817	10.0	55308.5	-4901.8
818	10.0	55310.3	-4927.6
819	10.0	55310.5	-4902.0
820	10.0	55323.0	-4937.9
821	8.9	55330.5	-4928.0
822	10.0	55332.5	-4928.5
823	10.0	55333.5	-4906.9
824	9.8	55341.5	-4917.6
825	10.0	55350.5	-4931.2
826	10.0	55448.0	-4950.2
827	10.0	55451.5	-4936.4
828	9.4	55509.5	-4923.7
829	10.0	55514.0	-4954.0
830	9.8	55529.5	-4929.0
831	9.3	55542.0	-4942.4
832	10.0	55556.5	-4953.4
833	9.8	55612.0	-4928.6
834	9.8	55616.5	-4900.8
835	9.8	55631.0	-4906.2
836	9.5	55709.9	-4933.8
837	9.5	55738.4	-4955.0
838	8.6	55828.4	-4905.2
839	9.2	55833.4	-4930.8
840	9.3	55843.9	-4942.2
841	9.4	55851.9	-4952.6
842	9.2	55901.9	-4952.1
843	9.7	55902.4	-4917.2
844	10.0	55909.4	-4916.4
845	9.4	55914.4	-4952.5
846	9.4	55928.9	-4945.2
847	9.8	55930.9	-4900.3
848	9.8	55946.4	-4936.3
849	9.4	55949.4	-4941.0
850	9.4	60015.9	-4947.1
851	9.3	60043.9	-4923.7
852	10.0	60124.4	-4954.0
853	9.2	60151.9	-4917.3
854	9.2	60153.7	-4935.0
855	10.0	60156.2	-4926.1
856	9.5	60204.7	-4906.8
857	10.0	60223.2	-4927.3
858	9.4	60225.7	-4905.0
859	9.3	60236.2	-4956.6
860	10.0	60326.7	-4939.2
861	7.5	60332.2	-4912.5
862	9.2	60338.7	-4954.4
863	10.0	60449.2	-4954.9
864	7.8	60511.2	-4943.5
865	9.8	60511.2	-4904.5
866	10.0	60526.2	-4925.9
867	9.2	60534.7	-4903.8
868	10.0	60554.7	-4940.0
869	10.0	60614.5	-4925.1
870	7.2	60615.5	-4932.4
871	8.9	60634.5	-4930.5
872	9.5	60657.0	-4949.1
873	8.8	60700.0	-4958.1
874	10.0	60726.5	-4902.7
875	9.4	60743.0	-4947.6
876	10.0	60746.0	-4919.3
877	10.0	60851.0	-4924.9
878	9.8	60911.5	-4943.9
879	8.4	60917.5	-4919.7
880	10.0	60926.0	-4911.4
881	9.4	60935.0	-4910.7
882	9.2	60935.0	-4934.5
883	8.7	60945.0	-4901.6
884	9.2	60945.0	-4922.6
885	10.0	61000.0	-4955.2
886	10.0	61001.7	-4959.7
887	9.7	61008.0	-4918.1
888	10.0	61019.0	-4928.4
889	10.0	61021.0	-4956.5
890	9.5	61029.5	-4936.9
891	9.3	61050.0	-4923.4
892	10.0	61059.5	-4941.1
893	9.7	61059.9	-4959.3
894	8.8	61106.3	-4946.2
895	8.6	61110.3	-4904.4
896	10.0	61111.8	-4916.7
897	10.0	61116.3	-4915.0
898	8.8	61140.8	-4943.9
899	9.8	61148.3	-4942.9
900	10.0	61159.3	-4931.5
901	9.8	61210.3	-4945.1
902	9.8	61225.3	-4900.7
903	8.8	61235.3	-4917.2
904	9.2	61314.8	-4941.4
905	9.7	61335.8	-4901.2
906	9.3	61344.4	-4937.4
907	10.0	61356.1	-4913.5
908	10.0	61419.4	-4950.0
909	9.4	61428.1	-4947.7
910	9.2	61431.6	-4946.0
911	10.0	61435.6	-4912.0
912	10.0	61442.8	-4950.0
913	8.1	61444.6	-4922.0
914	9.7	61501.4	-4945.5
915	10.2	61508.8	-4917.3
916	9.8	61515.1	-4917.4
917	10.2	61529.4	-4945.8
918	9.0	61604.6	-4956.8
919	9.6	61615.2	-4913.3

920	10.2	61652.2	-4953.5	1010	9.8	63744.2	-4919.9	1100	8.5	65750.1	-4931.8
921	7.4	61714.2	-4902.9	1011	9.8	63811.2	-4930.3	1101	10.2	65817.1	-4913.7
922	9.8	61716.2	-4913.7	1012	9.8	63815.7	-4916.9	1102	10.2	65818.6	-4947.6
923	10.2	61721.7	-4936.7	1013	8.2	63837.7	-4915.9	1103	10.2	65820.1	-4928.1
924	9.6	61730.2	-4936.5	1014	10.2	63851.2	-4927.6	1104	9.8	65907.1	-4917.3
925	10.0	61742.2	-4954.3	1015	9.8	63912.2	-4944.3	1105	9.4	65907.6	-4930.9
926	10.0	61753.2	-4906.5	1016	9.0	63951.2	-4950.1	1106	8.8	65913.1	-4953.1
927	9.5	61804.7	-4910.1	1017	10.2	64009.2	-4915.9	1107	6.8	65932.1	-4944.7
928	10.2	61811.7	-4945.7	1018	9.6	64022.2	-4900.0	1108	10.2	65948.6	-4919.5
929	8.0	61824.7	-4916.5	1019	10.2	64037.0	-4956.5	1109	10.0	70000.1	-4909.5
930	9.2	61830.7	-4929.1	1020	10.1	64047.2	-4917.5	1110	9.4	70010.1	-4953.1
931	10.2	61838.5	-4957.7	1021	10.2	64103.2	-4957.7	1111	10.2	70012.1	-4902.1
932	10.0	61903.2	-4937.9	1022	10.2	64112.2	-4927.7	1112	10.2	70013.6	-4908.3
933	10.0	61908.2	-4919.3	1023	9.2	64136.7	-4938.3	1113	10.2	70037.6	-4930.4
934	10.1	61930.7	-4951.5	1024	10.0	64138.2	-4925.5	1114	5.0	70038.6	-4924.1
935	8.6	61949.9	-4931.5	1025	10.2	64142.2	-4926.1	1115	10.0	70059.6	-4924.9
936	9.8	62017.9	-4930.4	1026	10.0	64148.2	-4946.4	1116	9.6	70105.6	-4948.9
937	10.2	62022.8	-4925.1	1027	9.4	64215.0	-4944.3	1117	10.2	70109.6	-4909.2
938	10.2	62034.4	-4953.8	1028	9.6	64215.2	-4905.9	1118	9.6	70110.1	-4927.3
939	10.2	62106.9	-4953.4	1029	10.2	64232.0	-4918.3	1119	9.2	70121.1	-4951.0
940	10.1	62123.9	-4911.9	1030	9.5	64237.2	-4957.7	1120	9.2	70129.6	-4929.3
941	8.9	62128.4	-4959.7	1031	8.4	64300.0	-4951.1	1121	8.8	70136.6	-4937.7
942	9.2	62147.9	-4943.1	1032	9.4	64328.0	-4951.7	1122	10.2	70156.1	-4910.3
943	9.2	62150.9	-4915.5	1033	9.6	64347.2	-4934.3	1123	10.2	70208.6	-4935.2
944	8.2	62150.9	-4908.2	1034	10.0	64428.5	-4936.3	1124	10.2	70209.6	-4908.1
945	7.8	62209.9	-4931.7	1035	10.2	64440.9	-4910.4	1125	9.0	70210.6	-4952.1
946	7.8	62243.9	-4949.4	1036	9.2	64517.2	-4929.3	1126	8.6	70216.6	-4940.7
947	9.0	62251.4	-4910.5	1037	9.6	64520.7	-4959.2	1127	9.8	70230.6	-4924.9
948	9.5	62258.4	-4903.9	1038	9.6	64532.7	-4922.5	1128	10.2	70233.8	-4958.3
949	10.2	62348.4	-4936.3	1039	10.2	64539.1	-4959.2	1129	10.2	70257.6	-4946.1
950	9.4	62420.9	-4902.3	1040	7.7	64550.2	-4902.8	1130	9.0	70307.1	-4936.1
951	9.4	62421.4	-4952.4	1041	10.2	64551.4	-4958.7	1131	9.4	70321.3	-4902.3
952	8.6	62513.9	-4905.0	1042	10.0	64607.4	-4939.1	1132	10.2	70352.9	-4948.9
953	10.2	62521.8	-4932.6	1043	9.6	64607.9	-4912.1	1133	10.0	70359.4	-4905.9
954	7.8	62531.4	-4912.1	1044	10.2	64617.4	-4944.1	1134	10.2	70403.4	-4929.0
955	10.1	62533.9	-4912.3	1045	10.0	64726.4	-4928.3	1135	9.8	70408.9	-4949.9
956	8.2	62534.1	-4959.9	1046	10.2	64731.9	-4932.7	1136	9.4	70409.9	-4917.4
957	9.8	62607.9	-4941.5	1047	9.0	64736.9	-4949.9	1137	10.2	70418.9	-4924.4
958	10.1	62619.9	-4958.2	1048	10.0	64809.4	-4913.3	1138	10.2	70429.9	-4947.4
959	9.6	62624.9	-4927.3	1049	7.2	64812.4	-4908.5	1139	8.0	70509.9	-4954.0
960	9.6	62630.4	-4937.7	1050	9.0	64821.4	-4951.5	1140	8.9	70539.1	-4901.1
961	9.5	62632.6	-4908.8	1051	10.0	64831.9	-4928.5	1141	9.6	70552.4	-4915.5
962	10.2	62637.6	-4920.1	1052	9.8	64853.4	-4932.4	1142	9.2	70555.4	-4955.7
963	9.6	62643.1	-4914.3	1053	10.2	64928.9	-4937.9	1143	9.4	70601.4	-4924.3
964	9.6	62653.6	-4924.1	1054	10.2	64929.4	-4946.5	1144	8.4	70603.4	-4946.5
965	10.1	62653.6	-4954.0	1055	10.2	64940.9	-4948.1	1145	10.2	70607.4	-4946.7
966	10.0	62655.5	-4958.4	1056	10.0	64940.9	-4914.2	1146	8.8	70609.9	-4928.0
967	9.0	62656.0	-4904.6	1057	10.2	64942.9	-4902.4	1147	10.2	70614.4	-4950.2
968	8.2	62657.1	-4954.2	1058	9.6	65036.8	-4952.6	1148	10.2	70625.9	-4912.7
969	9.8	62757.6	-4901.3	1059	9.4	65036.9	-4923.7	1149	10.2	70627.4	-4947.3
970	7.8	62806.1	-4931.6	1060	9.4	65038.3	-4933.6	1150	10.2	70627.4	-4901.7
971	8.4	62811.1	-4939.9	1061	9.4	65042.8	-4902.0	1151	9.2	70628.3	-4930.1
972	10.0	62841.7	-4920.5	1062	9.8	65050.3	-4944.2	1152	9.0	70639.9	-4900.3
973	9.8	62902.6	-4935.1	1063	10.2	65058.8	-4919.2	1153	10.2	70640.4	-4947.7
974	9.8	62946.1	-4904.9	1064	10.0	65106.5	-4911.9	1154	9.8	70650.9	-4908.7
975	9.8	62958.6	-4910.9	1065	9.0	65120.3	-4913.0	1155	9.4	70659.9	-4944.0
976	8.8	62959.6	-4945.6	1066	10.0	65128.8	-4941.0	1156	9.4	70702.4	-4948.9
977	8.8	63001.6	-4936.9	1067	9.4	65139.8	-4925.8	1157	8.8	70712.9	-4908.5
978	10.2	63025.7	-4924.3	1068	9.8	65206.3	-4923.6	1158	10.2	70737.4	-4915.9
979	10.2	63120.0	-4902.1	1069	10.0	65213.8	-4948.7	1159	10.2	70743.4	-4907.6
980	10.2	63132.9	-4935.6	1070	8.8	65243.3	-4955.4	1160	10.0	70755.9	-4936.4
981	8.4	63153.9	-4915.9	1071	9.8	65243.9	-4959.6	1161	10.2	70808.4	-4953.5
982	10.1	63223.9	-4948.2	1072	10.2	65249.3	-4939.9	1162	10.2	70810.4	-4939.1
983	10.2	63256.9	-4937.3	1073	10.2	65254.8	-4908.0	1163	7.6	70812.9	-4914.4
984	9.9	63304.4	-4948.3	1074	10.2	65301.8	-4909.8	1164	9.0	70820.9	-4907.5
985	8.4	63323.4	-4906.9	1075	9.4	65313.3	-4939.8	1165	10.0	70827.0	-4956.7
986	10.2	63343.9	-4958.3	1076	10.2	65319.6	-4959.7	1166	9.6	70831.1	-4906.5
987	9.6	63348.4	-4930.9	1077	9.2	65329.8	-4947.4	1167	10.2	70900.1	-4950.1
988	9.6	63359.9	-4937.9	1078	10.2	65330.8	-4950.7	1168	8.3	70906.1	-4907.0
989	10.0	63400.9	-4951.1	1079	10.0	65343.3	-4938.9	1169	8.3	70909.7	-4936.8
990	10.0	63401.4	-4956.0	1080	7.4	65351.8	-4954.5	1170	10.2	70916.1	-4945.8
991	10.1	63403.4	-4947.5	1081	9.4	65351.8	-4956.3	1171	9.6	70939.1	-4911.7
992	10.2	63422.4	-4937.9	1082	9.4	65400.3	-4957.4	1172	9.4	71000.1	-4935.2
993	7.3	63428.4	-4925.1	1083	10.0	65400.8	-4925.0	1173	8.7	71008.6	-4947.9
994	8.9	63428.4	-4944.0	1084	9.0	65405.3	-4919.0	1174	10.2	71033.6	-4920.6
995	9.8	63433.4	-4953.7	1085	10.2	65418.5	-4902.3	1175	8.6	71036.6	-4943.2
996	9.8	63452.6	-4902.6	1086	8.9	65420.8	-4916.8	1176	8.7	71040.1	-4948.0
997	10.1	63506.4	-4943.0	1087	10.2	65424.3	-4901.7	1177	10.2	71050.6	-4937.3
998	9.0	63512.4	-4945.9	1088	10.2	65430.3	-4937.9	1178	10.0	71123.6	-4928.5
999	8.8	63536.9	-4913.1	1089	10.2	65439.8	-4929.4	1179	10.2	71127.1	-4932.6
1000	10.1	63542.4	-4916.4	1090	9.6	65441.3	-4925.5	1180	8.4	71152.6	-4928.7
1001	10.1	63553.4	-4926.0	1091	8.6	65617.3	-4959.3	1181	10.2	71158.6	-4927.7
1002	10.0	63559.7	-4940.3	1092	10.2	65623.8	-4912.0	1182	8.6	71237.1	-4948.2
1003	8.6	63608.7	-4934.1	1093	8.8	65633.3	-4919.7	1183	8.7	71248.6	-4940.0
1004	10.1	63610.7	-4905.0	1094	10.2	65639.8	-4902.3	1184	9.4	71255.1	-4951.2
1005	10.1	63630.2	-4911.9	1095	10.2	65713.8	-4910.7	1185	6.8	71303.1	-4949.6
1006	9.6	63659.2	-4921.5	1096	9.8	65717.1	-4922.1	1186	9.8	71321.1	-4906.0
1007	10.2	63702.7	-4910.9	1097	10.0	65728.6	-4926.1	1187	10.2	71337.1	-4903.7
1008	10.2	63709.7	-4940.9	1098	10.2	65733.6	-4941.1	1188	10.2	71355.1	-4939.2
1009	10.2	63730.7	-4927.9	1099	10.2	65735.1	-4943.3	1189	10.2	71401.1	-4911.3
1190	10.2	71408.1	-4921.8								
1191	9.2	71423.1	-4910.3								
1192	10.2	71434.1	-4913.5								
1193	9.2	71509.0	-4907.8								
1194	10.2	71516.9	-4959.6								
1195	9.8	71534.4	-4918.0								
1196	10.0	71542.4	-4920.0								
1197	10.0	71554.6	-4902.2								
1198	7.8	71600.4	-4945.0								
1199	9.8	71602.9	-4945.6								
1200	8.2	71701.4	-4910.0								
1201	10.0	71702.9	-4931.3								
1202	9.4	71711.4	-4948.8								
1203	9.2	71715.9	-4955.2								
1204	8.6	71720.4	-4934.6								
1205	9.4	71732.9	-4925.2								
1206	10.0	71805.4	-4929.0								
1207	8.4	71813.9	-4910.2								
1208	9.6	71822.4	-4935.3								
1209	9.6	71857.9	-4943.5								
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1211	9.4	71859.4	-4951.6								
1212	9.3	71914.5	-4903.2								
1213	9.4	71919.0	-4902.6								
1214	9.8	71921.0	-4950.6								
1215	9.3	71938.5	-4917.9								
1216	9.6	71948.5	-4952.4								
1217	9.8	71955.5	-4924.8								
1218	9.8	72000.0	-4919.3								
1219	9.4	72001.0	-4933.2								
1220	10.0	72001.5	-4924.4								
1221	10.0	72010.0	-4913.0								
1222	10.0	72013.0	-4914.6								
1223	10.0	72030.0	-4917.0								
1224	9.8	72057.0	-4920.6								
1225	9.4	72108.5	-4954.7								
1226	8.6	72119.5	-4931.0								
1227	9.2	72151.0	-4945.8								
1228	8.7	72151.5	-4939.9								
1229	9.8	72204.5	-4924.0								
1230	10.0	72209.5	-4919.8								
1231	9.8	72211.0	-4908.7								
1232	9.2	72212.0	-4927.8								
1233	9.8	72231.0	-4926.0								
1234	9.4	72240.0	-4924.0								
1235	9.0	72243.0	-4908.8								
1236	9.0	72244.5	-4929.4								
1237	9.4	72247.5	-4945.4								
1238	8.7	72251.0	-4910.2								
1239	10.0	72256.0	-4920.1								
1240	9.0	72257.5	-4925.8								
1241	8.9	72400.0	-4926.4								
1242	9.2	72401.0	-4903.6								
1243	10.0	72412.0	-4903.7								
1244	10.0	72413.8	-4904.8								
1245	10.0	72423.3	-4959.4								
1246	8.6	72451.3	-4915.8								
1247	10.0	72453.3	-4907.0								
1248	9.4	72550.8	-4904.0								
1249	10.0	72558.8	-4949.8								
1250	10.0	72558.8	-4927.2								
1251	9.4	72559.2	-4924.4								
1252	10.0	72608.3	-4950.6								
1253	9.8	72609.3	-4953.0								
1254	9.4	72632.3	-4907.4								
1255	9.8	72634.8	-4924.8								
1256	9.4	72648.8	-4949.0								
1257	9.6	72649.3	-4910.5								
1258	9.6	72708.8	-4948.0								
1259	9.4	72714.8	-4952.0								
1260	10.0	72715.8	-4906.2								
1261	9.8	72719.8	-4926.1								
1262	9.6	72722.3	-4913.4								
1263	9.4	72728.3	-4950.1								
1264	10.0	72730.8	-4943.8								
1265	9.8	72736.5	-4959.6								
1266	9.8	72810.8	-4930.4								
1267	9.6	72829.8	-4933.2								
1268	9.8	72847.3	-4938.6								
1269	8.7	72858.8	-4935.2								
1270	9.2	72905.3	-4925.4								
1271	9.4	72914.3	-4919.8								
1272	9.8	72918.8	-4906.4								
1273	10.0	72929.6	-4900.4								
1274	9.8	72940.3	-4951.7								
1275	10.0	72952.8	-4953.8								
1276	9.6	73018.8	-4951.1								
1277	9.0	73024.3	-4923.2								
1278	8.7	73028.3	-4928.8								
1279	10.0	73029.3	-4920.7								

1280	10.0	73029.8	-4952.6	1370	10.0	74502.0	-4922.7	1460	9.9	75726.1	-4915.7
1281	10.0	73029.8	-4932.8	1371	10.0	74509.3	-4905.7	1461	8.5	75731.6	-4931.5
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1283	10.0	73059.8	-4902.8	1373	10.0	74529.3	-4914.8	1463	7.3	75745.1	-4916.4
1284	10.0	73108.3	-4933.6	1374	9.6	74543.9	-4927.5	1464	9.4	75746.1	-4927.6
1285	9.4	73139.8	-4916.4	1375	9.4	74550.1	-4905.9	1465	10.0	75754.1	-4939.8
1286	10.0	73152.1	-4900.0	1376	9.3	74613.1	-4907.8	1466	9.0	75802.4	-4930.7
1287	8.7	73204.8	-4933.2	1377	9.8	74614.1	-4936.6	1467	9.0	75816.9	-4938.1
1288	10.0	73211.8	-4907.2	1378	9.9	74619.1	-4916.9	1468	10.0	75823.9	-4947.5
1289	10.0	73222.3	-4930.8	1379	9.8	74626.1	-4904.2	1469	9.3	75823.9	-4919.9
1290	9.4	73224.8	-4917.8	1380	10.0	74626.6	-4925.7	1470	9.0	75834.9	-4900.5
1291	8.8	73230.8	-4939.6	1381	9.2	74640.1	-4911.8	1471	10.0	75839.9	-4913.1
1292	10.0	73250.8	-4931.8	1382	8.8	74645.1	-4950.1	1472	10.0	75846.9	-4933.3
1293	9.8	73259.8	-4935.7	1383	9.7	74652.1	-4940.4	1473	7.4	75907.9	-4936.0
1294	10.0	73300.3	-4950.8	1384	9.6	74714.1	-4936.2	1474	10.0	75920.4	-4915.4
1295	9.4	73319.8	-4938.2	1385	9.2	74715.1	-4903.8	1475	9.4	75924.9	-4946.1
1296	9.8	73320.8	-4946.6	1386	9.2	74716.1	-4924.8	1476	10.0	75930.4	-4948.1
1297	9.6	73322.8	-4910.8	1387	9.4	74735.1	-4915.0	1477	10.0	75942.4	-4920.9
1298	9.4	73322.8	-4920.6	1388	9.9	74739.4	-4959.6	1478	8.7	75948.2	-4959.0
1299	9.4	73330.3	-4916.8	1389	9.7	74747.1	-4915.2	1479	7.9	75954.4	-4908.8
1300	10.0	73339.8	-4927.8	1390	10.0	74821.1	-4922.6	1480	8.9	75955.9	-4936.0
1301	9.6	73344.8	-4907.6	1391	10.0	74830.1	-4914.6	1481	9.4	75958.9	-4926.7
1302	9.8	73401.8	-4951.0	1392	10.0	74831.1	-4927.2	1482	9.8	80025.4	-4915.5
1303	10.0	73403.8	-4907.0	1393	8.7	74841.1	-4946.7	1483	10.0	80027.9	-4911.9
1304	9.4	73404.8	-4918.3	1394	8.4	74850.1	-4931.0	1484	10.0	80028.9	-4944.1
1305	10.0	73409.3	-4922.4	1395	9.8	74856.1	-4939.7	1485	8.6	80033.4	-4933.3
1306	10.0	73418.8	-4909.1	1396	9.6	74915.1	-4946.4	1486	9.7	80033.9	-4910.0
1307	9.4	73418.8	-4941.5	1397	8.4	74917.1	-4918.1	1487	10.0	80050.9	-4929.9
1308	10.0	73503.8	-4917.8	1398	4.8	74932.1	-4917.2	1488	9.9	80059.9	-4916.7
1309	10.0	73505.8	-4957.0	1399	8.7	74941.1	-4926.8	1489	9.8	80103.9	-4941.9
1310	9.8	73508.8	-4926.4	1400	9.9	74941.1	-4922.0	1490	10.0	80105.1	-4901.4
1311	10.0	73519.3	-4905.0	1401	9.8	74946.6	-4951.1	1491	9.9	80123.9	-4941.4
1312	8.9	73522.8	-4924.0	1402	9.7	75003.1	-4921.5	1492	9.6	80138.9	-4943.9
1313	10.0	73530.8	-4938.0	1403	9.8	75005.6	-4943.4	1493	10.0	80150.4	-4958.5
1314	9.6	73548.3	-4904.0	1404	10.0	75009.6	-4917.7	1494	8.6	80154.7	-4901.5
1315	8.7	73558.9	-4954.7	1405	9.8	75010.1	-4916.8	1495	9.9	80204.9	-4913.2
1316	8.6	73628.4	-4908.4	1406	9.4	75012.6	-4950.9	1496	8.6	80214.4	-4901.2
1317	9.6	73633.4	-4935.2	1407	9.6	75015.1	-4902.6	1497	9.4	80216.9	-4939.1
1318	8.6	73637.4	-4936.3	1408	9.3	75025.1	-4946.2	1498	9.6	80244.9	-4901.6
1319	9.4	73705.9	-4938.8	1409	9.0	75031.1	-4926.3	1499	9.8	80300.9	-4954.5
1320	9.4	73723.4	-4914.1	1410	9.3	75033.1	-4925.5	1500	9.9	80303.9	-4913.1
1321	8.2	73726.9	-4924.2	1411	9.4	75034.6	-4939.4	1501	9.6	80320.4	-4924.6
1322	9.8	73736.9	-4909.5	1412	9.6	75038.6	-4910.7	1502	9.7	80320.9	-4950.3
1323	9.8	73748.4	-4948.1	1413	9.3	75050.1	-4927.2	1503	9.9	80328.9	-4917.1
1324	9.0	73759.4	-4948.0	1414	10.0	75053.1	-4908.2	1504	9.4	80329.4	-4907.3
1325	9.8	73806.4	-4954.5	1415	7.0	75056.1	-4950.6	1505	9.9	80340.4	-4940.0
1326	9.7	73818.4	-4902.4	1416	8.3	75057.6	-4921.4	1506	9.2	80343.9	-4946.2
1327	9.4	73820.4	-4929.8	1417	10.0	75100.1	-4910.9	1507	9.8	80344.9	-4916.7
1328	9.4	73848.4	-4918.9	1418	9.6	75108.1	-4951.1	1508	9.8	80418.9	-4906.7
1329	9.8	73902.9	-4957.6	1419	9.3	75117.6	-4906.5	1509	10.0	80438.9	-4932.2
1330	9.6	73906.4	-4933.6	1420	9.0	75118.6	-4930.8	1510	9.4	80441.4	-4906.5
1331	10.0	73906.9	-4958.6	1421	8.2	75120.1	-4921.3	1511	9.4	80454.9	-4947.5
1332	9.8	73924.4	-4906.2	1422	9.4	75126.1	-4915.9	1512	8.4	80456.9	-4918.8
1333	7.0	73941.4	-4941.6	1423	10.0	75130.1	-4907.2	1513	8.1	80502.4	-4907.9
1334	10.0	73955.4	-4904.4	1424	9.4	75141.1	-4959.2	1514	9.6	80506.4	-4901.9
1335	10.0	73959.4	-4909.0	1425	9.3	75146.6	-4912.0	1515	10.0	80507.4	-4923.9
1336	8.8	74009.4	-4910.0	1426	10.0	75207.1	-4917.8	1516	10.0	80536.4	-4934.5
1337	10.0	74018.4	-4952.8	1427	9.9	75221.1	-4916.3	1517	9.4	80542.9	-4953.1
1338	8.9	74024.4	-4919.0	1428	9.4	75222.1	-4949.9	1518	9.0	80544.4	-4937.3
1339	10.0	74037.8	-4958.6	1429	10.0	75235.1	-4940.8	1519	9.9	80545.4	-4956.2
1340	9.0	74057.9	-4932.0	1430	9.4	75240.6	-4915.5	1520	9.4	80548.9	-4904.0
1341	10.0	74118.9	-4925.7	1431	9.3	75243.1	-4920.1	1521	9.6	80556.4	-4905.0
1342	10.0	74132.4	-4916.4	1432	9.0	75250.1	-4938.9	1522	8.6	80559.9	-4951.3
1343	9.8	74133.9	-4951.9	1433	10.0	75303.6	-4956.6	1523	8.6	80602.9	-4914.6
1344	9.8	74135.9	-4913.8	1434	9.6	75326.1	-4913.3	1524	9.9	80609.9	-4903.0
1345	8.4	74138.4	-4906.3	1435	9.6	75330.1	-4922.9	1525	8.9	80614.9	-4939.1
1346	7.6	74142.9	-4959.2	1436	9.0	75353.1	-4909.4	1526	8.7	80624.9	-4929.1
1347	9.8	74158.3	-4948.7	1437	9.6	75400.1	-4918.7	1527	9.2	80633.4	-4938.7
1348	9.4	74206.8	-4906.9	1438	9.2	75405.1	-4914.4	1528	9.7	80644.6	-4901.1
1349	10.0	74221.8	-4942.0	1439	9.6	75408.6	-4908.1	1529	10.0	80649.4	-4943.7
1350	9.4	74225.3	-4933.4	1440	8.8	75436.6	-4909.1	1530	9.6	80649.9	-4931.6
1351	8.7	74232.8	-4913.5	1441	10.0	75510.6	-4921.9	1531	8.9	80654.9	-4910.3
1352	9.6	74234.3	-4932.2	1442	9.6	75510.6	-4913.4	1532	9.8	80703.9	-4921.4
1353	9.0	74234.8	-4913.5	1443	9.2	75523.6	-4954.3	1533	9.8	80712.4	-4923.8
1354	10.0	74235.3	-4931.8	1444	9.6	75526.6	-4905.3	1534	10.0	80725.4	-4935.7
1355	8.8	74310.8	-4901.9	1445	10.0	75528.1	-4950.4	1535	9.3	80744.4	-4939.7
1356	7.2	74331.8	-4952.6	1446	10.0	75530.6	-4919.7	1536	10.0	80750.9	-4952.0
1357	10.0	74336.3	-4950.3	1447	5.8	75541.1	-4938.1	1537	10.0	80757.9	-4907.2
1358	10.0	74337.3	-4910.9	1448	9.6	75549.1	-4915.0	1538	7.4	80801.4	-4941.6
1359	9.6	74400.3	-4900.8	1449	9.4	75550.1	-4920.8	1539	9.4	80806.4	-4952.8
1360	9.8	74424.3	-4922.5	1450	8.8	75550.1	-4934.7	1540	9.2	80809.9	-4910.3
1361	9.3	74426.5	-4948.9	1451	9.9	75552.1	-4932.7	1541	9.9	80811.9	-4926.2
1362	8.2	74429.3	-4927.0	1452	9.7	75605.1	-4959.1	1542	10.0	80818.4	-4919.6
1363	9.8	74433.8	-4942.3	1453	9.0	75624.6	-4926.1	1543	9.9	80820.9	-4929.6
1364	10.0	74434.3	-4952.2	1454	8.9	75650.1	-4943.3	1544	9.2	80824.9	-4918.3
1365	9.0	74435.5	-4948.2	1455	9.6	75658.1	-4925.4	1545	9.7	80826.4	-4931.1
1366	9.6	74439.8	-4945.5	1456	10.0	75712.1	-4906.9	1546	8.8	80834.9	-4927.2
1367	9.4	74449.3	-4920.4	1457	9.8	75715.6	-4932.9	1547	8.5	80835.9	-4929.5
1368	9.6	74449.3	-4926.5	1458	9.9	75718.1	-4917.5	1548	9.7	80838.9	-4913.1
1369	9.8	74456.2	-4906.8	1459	8.8	75722.6	-4950.5	1549	8.9	80844.9	-4953.9
1550	8.5	80844.9	-4904.3								
1551	9.7	80854.9	-4903.0								
1552	9.2	80900.9	-4946.8								
1553	9.6	80904.9	-4932.3								
1554	8.7	80914.9	-4925.9								
1555	8.3	80919.4	-4951.8								
1556	10.0	80937.4	-4942.3								
1557	9.2	80949.9	-4957.6								
1558	7.4	80957.4	-4949.1								
1559	9.3	81002.9	-4948.3								
1560	10.0	81007.9	-4932.4								
1561	9.2	81015.9	-4921.7								
1562	9.0	81019.9	-4910.3								
1563	8.3	81021.4	-4956.0								
1564	9.9	81041.4	-4956.7								
1565	9.0	81042.4	-4935.1								
1566	9.2	81043.9	-4947.0								
1567	8.4	81044.4	-4959.2								
1568	10.0	81044.9	-4923.6								
1569	8.5	81103.4	-4936.0								
1570	10.0	81112.4	-4928.2								
1571	9.9	81134.9	-4905.8								
1572	8.8	81138.4	-4945.1								
1573	9.6	81147.9	-4905.4								
1574	7.4	81158.9	-4936.5								
1575	9.3	81206.4	-4942.1								
1576	10.0	81208.9	-4923.9								
1577	9.6	81213.4	-4941.4								
1578	9.9	81214.4	-4921.1								
1579	10.0	81229.4	-4909.9								
1580	9.6	81253.4	-4909.7								
1581	10.0	81255.4	-4916.9								
1582	7.8	81258.4	-4930.4								
1583	9.0	81259.4	-4934.4								
1584	9.0	81302.4	-4940.7								
1585	9.9	81305.9	-4909.5								
1586	8.8	81317.9	-4921.3								
1587	9.9	81321.9	-4926.1								
1588	9.2	81334.9	-4913.7								
1589	9.2	81345.4	-4951.6								
1590	10.0	81349.9	-4921.3								
1591	9.3	81405.4	-4956.3								
1592	10.1	81434.7	-4959.6								
1593	10.1	81445.0	-4943.8								
1594	10.0	81502.9	-4931.5								
1595	10.2	81522.7	-4911.3								
1596	8.8	81528.2	-4952.8								
1597	7.9	81600.5	-4908.6								
1598	9.2	81604.5	-4918.1								
1599	9.8	81615.5	-4918.2								
1600	10.2	81650.5	-4911.0								
1601	10.2	81652.5	-4921.0								
1602	8.8	81655.5	-4955.2								
1603	9.2	81730.0	-4947.5								
1604	10.1	81747.5	-4956.2								
1605	9.3	81815.5	-4908.4								
1606	10.2	81844.5	-4933.4								
1607	10.0	81845.5	-4904.8								
1608	9.3	81859.0	-4925.0								
1609	8.4	81915.0	-4938.2								
1610	9.2	81931.0	-4914.6								
1611	10.2	81935.0	-4924.2								
1612	10.0	81954.0	-4927.0								
1613	9.3	81958.0	-4929.9								
1614	9.2	82003.0	-4945.3								
1615	10.1	82004.5	-4946.2								
1616	8.4	82016.0	-4901.6								
1617	10.2	82030.5	-4917.9								
1618	10.2	82031.5	-4954.9								
1619	9.3	82039.0	-4922.9								
1620	10.2	82043.5	-4909.5								
1621	8.3	82057.0	-4954.5								
1622	10.2	82059.5	-4936.7								
1623	9.4	82100.0	-4901.1								
1624	8.9	82101.0	-4933.7								
1625	9.3	82112.0	-4942.2								
1626	9.4	82116.5	-4916.9								
1627	10.2	82120.5	-4950.9								
1628	10.2	82126.2	-4901.9								
1629	9.3	82135.5	-4913.7								
1630	9.3	82140.0	-4956.2								
1631	9.3	82144.5	-4932.4								
1632	9.9	82145.0	-4936.1								
1633	10.2	82202.9	-4901.9								
1634	9.4	82212.5	-4938.7								
1635	10.1	82213.5	-4916.5								
1636	9.3	82225.0	-4931.9								
1637	10.1	82235.5	-4950.7								
1638	9.2	82242.5	-4936.9								
1639	7.6	82248.5	-4905.2								

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1640	10.0	82301.0	-4904.2	1730	10.2	83225.5	-4903.3	1820	10.2	84200.3	-4904.2
1641	9.6	82305.0	-4946.5	1731	9.7	83229.5	-4937.1	1821	8.8	84210.3	-4907.4
1642	9.9	82312.0	-4949.9	1732	9.6	83234.5	-4930.1	1822	10.2	84211.3	-4903.2
1643	8.7	82317.5	-4938.8	1733	8.9	83237.5	-4949.3	1823	10.2	84216.3	-4905.1
1644	9.3	82319.6	-4957.9	1734	9.2	83238.5	-4939.5	1824	9.6	84225.3	-4959.6
1645	8.8	82329.5	-4925.4	1735	9.4	83249.5	-4904.6	1825	9.2	84226.2	-4902.4
1646	9.6	82331.5	-4941.6	1736	9.9	83249.5	-4939.3	1826	10.2	84230.3	-4910.5
1647	8.9	82343.5	-4906.8	1737	9.3	83256.0	-4918.5	1827	9.3	84238.8	-4938.8
1648	8.7	82345.5	-4920.4	1738	8.7	83300.0	-4914.5	1828	9.3	84242.8	-4947.0
1649	9.7	82347.5	-4933.8	1739	10.0	83300.0	-4930.1	1829	10.0	84243.3	-4924.0
1650	8.7	82350.0	-4955.2	1740	10.0	83319.0	-4953.3	1830	9.1	84252.8	-4928.9
1651	8.4	82358.0	-4911.4	1741	9.4	83325.0	-4911.1	1831	8.6	84301.0	-4941.9
1652	9.2	82404.9	-4956.1	1742	9.6	83329.0	-4922.5	1832	9.2	84309.8	-4952.9
1653	7.7	82405.9	-4941.1	1743	9.4	83339.5	-4949.8	1833	10.2	84314.3	-4936.8
1654	9.6	82421.3	-4958.9	1744	9.9	83356.5	-4932.2	1834	9.2	84316.8	-4955.5
1655	10.2	82427.9	-4924.2	1745	10.2	83400.0	-4951.7	1835	9.2	84321.8	-4952.6
1656	10.1	82429.9	-4911.2	1746	10.2	83403.5	-4955.3	1836	10.2	84325.0	-4902.2
1657	9.8	82437.9	-4924.4	1747	8.3	83407.5	-4938.6	1837	9.6	84325.3	-4931.1
1658	9.9	82439.4	-4907.6	1748	9.9	83409.0	-4941.3	1838	8.9	84328.3	-4917.9
1659	8.9	82441.9	-4947.8	1749	10.0	83409.5	-4957.5	1839	8.5	84334.3	-4942.5
1660	9.6	82444.9	-4921.1	1750	9.9	83420.0	-4937.0	1840	10.2	84335.8	-4927.3
1661	9.9	82501.4	-4914.3	1751	10.2	83420.0	-4912.9	1841	9.1	84337.3	-4908.3
1662	9.1	82504.4	-4906.3	1752	10.0	83422.8	-4926.1	1842	8.3	84338.8	-4905.3
1663	9.6	82510.4	-4948.0	1753	9.8	83427.3	-4927.7	1843	9.3	84359.3	-4942.8
1664	9.7	82511.4	-4914.5	1754	9.8	83434.3	-4905.5	1844	7.7	84402.3	-4906.7
1665	9.8	82513.9	-4910.0	1755	8.7	83439.8	-4913.5	1845	10.2	84403.3	-4923.0
1666	8.9	82520.4	-4905.2	1756	10.1	83450.8	-4952.4	1846	8.8	84405.3	-4945.0
1667	8.8	82530.9	-4949.9	1757	9.9	83459.3	-4924.0	1847	10.2	84405.6	-4947.2
1668	10.2	82539.4	-4918.8	1758	10.0	83459.3	-4903.3	1848	9.8	84406.3	-4948.7
1669	9.4	82551.4	-4941.8	1759	10.2	83504.3	-4947.5	1849	9.4	84409.3	-4935.3
1670	9.9	82556.9	-4931.7	1760	9.8	83507.3	-4928.1	1850	8.3	84415.8	-4917.7
1671	10.1	82559.4	-4908.4	1761	9.2	83513.8	-4914.1	1851	8.8	84419.3	-4905.0
1672	10.2	82609.4	-4908.3	1762	10.1	83515.8	-4903.1	1852	10.0	84423.8	-4930.7
1673	10.2	82609.4	-4916.5	1763	10.2	83519.8	-4904.5	1853	10.2	84424.6	-4902.6
1674	9.8	82610.4	-4949.0	1764	9.8	83527.6	-4900.5	1854	10.0	84431.7	-4900.0
1675	10.2	82612.9	-4943.5	1765	9.4	83543.8	-4924.0	1855	9.9	84435.3	-4930.4
1676	9.4	82627.9	-4929.3	1766	9.6	83549.3	-4908.9	1856	8.2	84435.8	-4920.6
1677	10.2	82635.9	-4938.4	1767	10.1	83549.8	-4922.9	1857	9.4	84437.5	-4911.7
1678	9.0	82645.4	-4913.5	1768	10.2	83551.3	-4910.6	1858	9.1	84438.5	-4910.1
1679	8.6	82723.6	-4957.4	1769	10.2	83600.8	-4927.7	1859	10.2	84438.8	-4941.4
1680	9.9	82739.4	-4938.6	1770	10.1	83618.8	-4947.6	1860	9.0	84438.8	-4904.8
1681	9.6	82740.9	-4945.6	1771	10.2	83621.8	-4938.3	1861	8.7	84440.2	-4954.6
1682	9.6	82744.4	-4920.8	1772	8.7	83705.8	-4933.5	1862	9.4	84443.4	-4938.6
1683	9.8	82759.4	-4907.3	1773	9.8	83713.3	-4952.1	1863	8.4	84443.5	-4915.5
1684	9.9	82800.2	-4920.9	1774	10.2	83714.3	-4915.7	1864	10.2	84446.1	-4916.6
1685	10.2	82801.7	-4945.9	1775	10.1	83717.8	-4947.1	1865	8.5	84447.5	-4914.7
1686	10.2	82811.7	-4946.3	1776	9.0	83744.3	-4909.1	1866	10.2	84448.5	-4942.6
1687	9.8	82821.7	-4951.7	1777	9.7	83750.8	-4922.9	1867	10.2	84449.0	-4907.0
1688	10.1	82825.2	-4936.1	1778	10.2	83754.3	-4928.8	1868	9.4	84449.5	-4911.9
1689	7.2	82833.2	-4910.5	1779	9.0	83757.3	-4953.0	1869	9.6	84451.0	-4914.2
1690	8.7	82836.2	-4947.7	1780	9.7	83806.8	-4953.5	1870	10.1	84452.3	-4918.7
1691	9.8	82847.7	-4907.7	1781	9.9	83810.3	-4928.5	1871	10.0	84452.4	-4909.4
1692	9.8	82851.7	-4932.5	1782	9.6	83810.3	-4905.1	1872	9.8	84454.5	-4937.8
1693	8.9	82854.7	-4947.1	1783	10.2	83813.3	-4935.5	1873	9.8	84456.2	-4903.6
1694	10.2	82855.2	-4918.1	1784	9.6	83814.8	-4921.9	1874	9.8	84458.2	-4926.8
1695	9.8	82909.7	-4940.7	1785	8.8	83819.3	-4934.5	1875	10.0	84500.7	-4928.8
1696	10.1	82915.7	-4922.5	1786	8.9	83834.3	-4919.0	1876	10.0	84505.0	-4930.4
1697	9.6	82920.7	-4914.1	1787	9.4	83836.8	-4921.9	1877	9.6	84507.0	-4909.8
1698	9.8	82923.7	-4957.1	1788	10.2	83840.8	-4956.1	1878	10.0	84510.2	-4945.8
1699	10.0	82942.7	-4944.5	1789	9.7	83849.8	-4934.9	1879	9.3	84516.5	-4902.4
1700	10.2	82950.7	-4949.9	1790	9.2	83857.3	-4926.9	1880	9.4	84518.5	-4919.4
1701	8.6	83000.2	-4930.7	1791	9.6	83858.3	-4905.1	1881	10.0	84520.2	-4946.4
1702	9.3	83005.2	-4912.7	1792	10.1	83933.3	-4922.3	1882	10.0	84520.7	-4942.0
1703	8.8	83006.7	-4939.7	1793	4.9	83944.8	-4922.3	1883	8.6	84526.7	-4950.6
1704	9.3	83019.2	-4907.9	1794	9.4	83948.8	-4928.6	1884	9.4	84532.2	-4903.1
1705	9.6	83021.2	-4910.3	1795	10.0	83950.3	-4902.7	1885	10.0	84532.2	-4952.8
1706	9.8	83030.2	-4953.5	1796	8.8	83958.3	-4915.5	1886	9.8	84534.2	-4924.8
1707	9.6	83044.7	-4931.5	1797	9.9	84000.8	-4949.0	1887	9.8	84534.7	-4924.4
1708	8.4	83045.7	-4913.5	1798	10.2	84001.3	-4953.1	1888	10.0	84535.7	-4908.6
1709	10.2	83046.2	-4922.9	1799	9.7	84008.8	-4908.8	1889	10.0	84540.2	-4956.0
1710	7.3	83055.2	-4930.8	1800	10.2	84018.3	-4939.2	1890	9.1	84540.2	-4943.1
1711	9.3	83055.7	-4956.9	1801	9.4	84025.8	-4943.1	1891	10.0	84551.7	-4940.0
1712	9.4	83103.2	-4934.5	1802	10.2	84035.8	-4950.5	1892	10.0	84552.2	-4910.8
1713	10.1	83103.2	-4930.1	1803	9.2	84045.8	-4917.9	1893	9.8	84552.7	-4915.1
1714	9.6	83107.7	-4903.4	1804	9.7	84050.3	-4935.7	1894	10.0	84553.7	-4919.6
1715	9.6	83112.7	-4935.9	1805	9.8	84050.3	-4956.2	1895	9.8	84553.7	-4942.8
1716	8.9	83118.2	-4918.7	1806	9.8	84101.8	-4905.7	1896	9.5	84556.2	-4904.8
1717	8.9	83119.2	-4926.1	1807	8.9	84104.3	-4941.8	1897	10.0	84559.7	-4946.5
1718	9.6	83127.7	-4907.1	1808	10.2	84105.8	-4959.3	1898	10.0	84600.7	-4957.2
1719	9.3	83130.2	-4914.8	1809	10.0	84108.8	-4911.9	1899	9.4	84602.0	-4956.9
1720	9.9	83133.0	-4950.9	1810	10.2	84115.3	-4912.8	1900	10.0	84602.2	-4949.0
1721	8.9	83135.0	-4926.9	1811	9.6	84116.8	-4927.0	1901	9.0	84609.7	-4951.5
1722	8.5	83137.0	-4955.1	1812	8.6	84118.8	-4907.4	1902	9.8	84611.2	-4953.9
1723	9.8	83139.5	-4924.7	1813	9.4	84124.3	-4931.1	1903	7.9	84612.7	-4927.5
1724	10.1	83140.0	-4939.4	1814	8.9	84124.3	-4919.3	1904	9.6	84612.7	-4952.5
1725	9.6	83145.5	-4916.9	1815	9.8	84126.8	-4913.0	1905	10.0	84625.2	-4908.9
1726	9.4	83149.0	-4949.9	1816	9.0	84150.3	-4900.6	1906	10.0	84630.7	-4924.7
1727	9.3	83149.5	-4929.5	1817	8.6	84153.8	-4905.2	1907	10.0	84635.2	-4926.3
1728	9.7	83151.0	-4938.1	1818	9.6	84155.3	-4955.0	1908	9.8	84635.7	-4906.7
1729	9.4	83158.5	-4936.4	1819	10.2	84200.3	-4916.2	1909	9.2	84639.2	-4930.1

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1910	9.4	84640.7	-4906.1	1920	9.6	84703.7	-4935.9	1930	9.8	84731.7	-4903.0
1911	9.3	84641.2	-4950.3	1921	10.0	84708.7	-4952.0	1931	9.4	84732.7	-4908.0
1912	8.3	84650.2	-4920.9	1922	10.0	84713.7	-4902.0	1932	9.8	84743.2	-4926.1
1913	9.6	84654.2	-4954.9	1923	9.6	84715.2	-4923.9	1933	9.6	84749.2	-4910.8
1914	9.1	84657.7	-4945.2	1924	10.0	84715.7	-4934.8	1934	9.8	84749.7	-4902.7
1915	10.0	84658.2	-4941.0	1925	9.4	84720.2	-4957.7	1935	10.0	84802.7	-4904.3
1916	9.6	84658.7	-4913.4	1926	10.0	84726.7	-4913.8	1936	9.4	84804.7	-4934.2
1917	9.8	84659.2	-4935.4	1927	9.8	84729.7	-4920.8	1937	10.0	84808.7	-4941.0
1918	9.6	84702.0	-4957.4	1928	9.6	84730.2	-4917.4	1938	9.8	84812.7	-4912.8
1919	9.0	84702.7	-4909.4	1929	7.9	84731.7	-4905.4	1939	9.4	84817.2	-4945.7
1940	9.4	84818.7	-4930.4								
1941	9.2	84818.7	-4934.0								
1942	10.0	84821.7	-4906.4								
1943	8.8	84822.2	-4908.7								
1944	10.0	84827.2	-4939.0								
1945	9.8	84829.7	-4910.0								
1946	9.0	84829.7	-4917.4								
1947	9.1	84834.2	-4901.7								
1948	10.0	84834.7	-4910.2								
1949	9.5	84836.7	-4932.2								
1950	9.4	84842.2	-4904.9								
1951	10.0	84843.2	-4917.8								
1952	10.0	84845.7	-4916.0								
1953	9.8	84847.2	-4931.7								
1954	10.0	84852.2	-4946.3								
1955	9.8	84907.2	-4904.4								
1956	9.6	84907.2	-4908.2								
1957	9.5	84908.2	-4915.5								
1958	9.8	84911.7	-4926.7								
1959	10.0	84912.4	-4901.5								
1960	10.0	84922.2	-4905.5								
1961	10.0	84924.2	-4916.6								
1962	10.0	84925.7	-4932.5								
1963	10.0	84927.2	-4933.7								
1964	9.0	84938.7	-4916.4								
1965	9.8	84938.7	-4933.2								
1966	8.2	84938.7	-4906.3								
1967	10.0	84940.4	-4959.4								
1968	9.4	84944.2	-4902.2								
1969	9.8	84949.2	-4925.5								
1970	9.8	84949.7	-4911.6								
1971	9.8	84951.7	-4946.9								
1972	10.0	84956.7	-4906.9								
1973	8.6	85000.2	-4920.4								
1974	9.5	85000.7	-4904.6								
1975	9.8	85001.7	-4908.6								
1976	10.0	85002.7	-4918.4								
1977	10.0	85004.2	-4912.5								
1978	8.6	85008.7	-4913.6								
1979	8.7	85015.2	-4907.6								
1980	10.0	85019.2	-4947.8								
1981	9.8	85020.7	-4911.2								
1982	10.0	85020.7	-4928.8								
1983	9.5	85020.7	-4941.7								
1984	8.9	85027.7	-4938.7								
1985	10.0	85028.7	-4906.4								
1986	10.0	85029.7	-4919.1								
1987	9.8	85030.7	-4952.7								
1988	10.0	85035.2	-4943.1								
1989	10.0	85036.2	-4932.5								
1990	8.6	85041.7	-4923.7								
1991	9.4	85043.3	-4902.0								
1992	8.9	85047.2	-4924.1								
1993	9.6	85052.7	-4903.7								
1994	9.8	85101.2	-4921.3								
1995	10.0	85101.7	-4955.9								
1996	10.0	85108.7	-4931.8								
1997	9.2	85118.2	-4937.6								
1998	10.0	85120.7	-4909.5								
1999	8.8	85121.2	-4949.7								

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2000	9.4	85125.7	-4912.8	2090	9.2	85616.2	-4902.5	2180	9.0	90159.9	-4912.5	2270	9.5	90851.9	-4946.5
2001	10.0	85129.2	-4913.8	2091	9.6	85626.2	-4904.6	2181	10.0	90200.3	-4913.0	2271	9.3	90852.9	-4953.1
2002	9.8	85134.7	-4929.6	2092	9.4	85628.7	-4958.9	2182	9.1	90208.4	-4908.5	2272	9.6	90859.2	-4950.6
2003	9.8	85140.7	-4915.5	2093	10.0	85650.6	-4929.3	2183	9.4	90231.4	-4952.7	2273	10.0	90900.7	-4935.5
2004	10.0	85146.7	-4918.5	2094	9.4	85652.1	-4924.2	2184	9.8	90232.4	-4929.1	2274	9.1	90909.2	-4912.2
2005	9.6	85149.2	-4931.3	2095	9.8	85652.6	-4908.1	2185	9.8	90242.9	-4918.3	2275	9.8	90914.2	-4917.6
2006	10.0	85149.7	-4940.5	2096	8.7	85652.6	-4957.0	2186	9.2	90248.4	-4908.1	2276	9.3	90926.7	-4923.3
2007	10.0	85149.7	-4913.2	2097	9.8	85704.1	-4932.5	2187	9.8	90250.4	-4941.1	2277	9.8	90931.2	-4946.9
2008	9.2	85155.7	-4943.3	2098	10.0	85706.6	-4953.5	2188	9.8	90251.9	-4933.9	2278	9.8	90932.2	-4954.2
2009	9.8	85155.7	-4955.7	2099	9.8	85707.1	-4946.7	2189	9.6	90254.4	-4946.2	2279	8.6	90934.2	-4942.4
2010	9.4	85155.7	-4926.5	2100	10.0	85709.6	-4942.9	2190	9.8	90300.4	-4952.7	2280	9.8	90938.2	-4914.7
2011	10.0	85200.2	-4909.5	2101	10.0	85712.6	-4904.1	2191	10.0	90303.4	-4954.5	2281	10.0	90939.2	-4928.0
2012	9.4	85203.7	-4936.1	2102	9.0	85722.1	-4948.5	2192	9.4	90303.9	-4945.2	2282	9.6	90939.7	-4955.6
2013	9.8	85203.7	-4930.7	2103	9.6	85722.6	-4932.7	2193	9.8	90308.9	-4900.5	2283	9.6	90940.2	-4947.2
2014	9.4	85206.2	-4949.5	2104	9.8	85723.6	-4929.9	2194	9.4	90311.4	-4918.0	2284	10.0	90949.2	-4917.3
2015	9.4	85206.7	-4942.7	2105	7.8	85725.1	-4905.3	2195	9.4	90328.4	-4946.9	2285	10.0	90949.9	-4958.5
2016	8.9	85207.2	-4910.0	2106	9.6	85735.1	-4941.4	2196	9.4	90328.4	-4934.2	2286	8.8	90950.2	-4911.2
2017	9.4	85207.5	-4900.8	2107	9.5	85736.6	-4950.4	2197	9.6	90329.6	-4900.9	2287	9.2	90952.2	-4910.5
2018	9.4	85213.2	-4925.5	2108	9.8	85736.6	-4903.3	2198	10.0	90329.9	-4940.3	2288	8.6	91000.2	-4949.9
2019	9.8	85214.2	-4958.2	2109	8.2	85739.1	-4945.4	2199	8.5	90333.4	-4959.7	2289	8.6	91000.7	-4949.5
2020	10.0	85215.2	-4922.0	2110	10.0	85740.6	-4917.5	2200	9.4	90348.9	-4951.7	2290	10.0	91003.2	-4941.5
2021	9.4	85217.2	-4906.0	2111	9.6	85744.6	-4900.3	2201	8.1	90351.1	-4958.5	2291	8.7	91003.7	-4923.5
2022	10.0	85219.7	-4948.1	2112	10.0	85750.1	-4908.3	2202	9.8	90358.4	-4931.1	2292	10.0	91004.2	-4952.2
2023	9.6	85221.7	-4950.7	2113	9.6	85757.6	-4958.3	2203	9.5	90358.9	-4953.1	2293	10.0	91005.7	-4952.4
2024	9.0	85229.7	-4923.2	2114	9.4	85758.6	-4955.7	2204	9.8	90359.4	-4935.7	2294	9.4	91006.2	-4926.2
2025	9.6	85231.7	-4953.9	2115	9.2	85758.6	-4936.4	2205	9.8	90403.9	-4933.3	2295	9.4	91007.7	-4915.3
2026	9.4	85237.7	-4955.6	2116	8.4	85803.1	-4908.6	2206	9.6	90403.9	-4954.3	2296	10.0	91011.7	-4901.7
2027	9.4	85244.7	-4911.8	2117	9.6	85803.6	-4954.3	2207	10.0	90413.9	-4921.1	2297	9.6	91014.6	-4957.2
2028	9.6	85244.7	-4918.6	2118	8.7	85803.8	-4958.7	2208	9.6	90425.4	-4939.7	2298	9.8	91015.2	-4943.7
2029	10.0	85244.7	-4944.0	2119	9.5	85816.6	-4906.3	2209	9.4	90427.9	-4904.9	2299	10.0	91020.2	-4906.0
2030	9.8	85244.9	-4958.9	2120	9.3	85823.6	-4937.7	2210	9.6	90428.4	-4954.3	2300	9.8	91022.7	-4935.4
2031	9.8	85246.2	-4938.8	2121	9.8	85828.6	-4926.9	2211	10.0	90428.4	-4925.3	2301	10.0	91034.7	-4938.1
2032	9.8	85247.2	-4909.7	2122	9.4	85849.6	-4946.2	2212	9.0	90431.4	-4937.1	2302	9.2	91040.2	-4948.1
2033	9.8	85251.7	-4940.5	2123	10.0	85855.6	-4921.3	2213	9.8	90436.9	-4956.5	2303	9.0	91044.2	-4926.4
2034	9.5	85251.7	-4917.4	2124	10.0	85900.3	-4902.1	2214	9.8	90438.4	-4928.6	2304	10.0	91045.2	-4953.3
2035	9.8	85253.7	-4916.1	2125	8.4	85903.6	-4912.2	2215	10.0	90442.9	-4922.2	2305	9.0	91047.2	-4925.7
2036	9.4	85254.7	-4918.2	2126	9.5	85905.9	-4931.1	2216	9.8	90443.4	-4953.1	2306	9.5	91048.2	-4944.3
2037	9.4	85255.2	-4933.8	2127	9.0	85905.9	-4944.9	2217	9.8	90444.6	-4900.4	2307	10.0	91049.2	-4904.2
2038	8.6	85255.7	-4912.0	2128	10.0	85911.9	-4939.2	2218	10.0	90447.4	-4922.9	2308	9.8	91050.7	-4913.1
2039	9.6	85255.7	-4920.5	2129	9.6	85912.9	-4928.3	2219	9.4	90450.4	-4923.1	2309	9.6	91051.2	-4905.1
2040	8.5	85258.7	-4952.6	2130	10.0	85915.4	-4917.0	2220	10.0	90452.4	-4951.3	2310	9.8	91053.2	-4919.0
2041	10.0	85300.7	-4919.2	2131	10.0	85915.9	-4912.6	2221	10.0	90452.9	-4925.1	2311	9.8	91055.2	-4933.6
2042	9.8	85303.2	-4917.0	2132	8.8	85916.4	-4938.2	2222	9.6	90458.9	-4915.1	2312	9.8	91059.2	-4911.9
2043	9.8	85303.2	-4929.2	2133	10.0	85921.9	-4911.6	2223	9.8	90458.9	-4957.3	2313	10.0	91102.1	-4900.2
2044	9.6	85318.7	-4909.0	2134	8.6	85922.4	-4914.9	2224	10.0	90459.4	-4952.9	2314	10.0	91108.0	-4954.7
2045	10.0	85319.5	-4900.7	2135	9.6	85928.4	-4938.5	2225	9.8	90500.4	-4943.1	2315	9.5	91112.0	-4936.3
2046	9.2	85320.7	-4951.9	2136	10.0	85931.4	-4906.1	2226	10.0	90500.9	-4926.3	2316	9.5	91112.0	-4940.0
2047	10.0	85321.7	-4903.9	2137	9.5	85934.9	-4942.8	2227	10.0	90502.9	-4918.9	2317	9.6	91117.5	-4905.7
2048	10.0	85322.8	-4919.2	2138	9.6	85935.4	-4933.4	2228	9.4	90502.9	-4945.2	2318	9.6	91119.0	-4927.3
2049	9.3	85328.7	-4927.1	2139	10.0	85938.9	-4937.4	2229	9.3	90505.4	-4952.1	2319	9.8	91122.5	-4944.4
2050	10.0	85329.7	-4924.8	2140	10.0	85939.9	-4937.2	2230	9.6	90505.9	-4938.1	2320	9.8	91127.0	-4915.0
2051	9.6	85340.7	-4944.5	2141	10.0	85940.4	-4947.2	2231	9.4	90506.9	-4902.4	2321	10.0	91131.0	-4923.5
2052	9.4	85343.2	-4928.2	2142	10.0	85949.4	-4951.9	2232	10.0	90512.9	-4928.1	2322	10.0	91140.0	-4929.4
2053	9.4	85345.4	-4957.2	2143	9.8	85950.9	-4917.7	2233	9.6	90518.4	-4918.9	2323	8.6	91141.5	-4927.1
2054	9.5	85348.7	-4912.8	2144	10.0	85955.4	-4905.6	2234	10.0	90527.9	-4943.5	2324	9.8	91142.5	-4913.8
2055	10.0	85352.2	-4958.2	2145	10.0	85957.9	-4954.0	2235	9.8	90529.9	-4938.5	2325	10.0	91145.5	-4920.0
2056	9.8	85355.7	-4931.6	2146	9.6	85957.9	-4910.1	2236	9.4	90544.4	-4946.3	2326	9.8	91147.0	-4935.9
2057	9.5	85357.2	-4927.6	2147	10.0	85958.4	-4951.9	2237	9.8	90545.4	-4953.7	2327	10.0	91150.0	-4942.8
2058	10.0	85359.7	-4948.8	2148	10.0	85959.4	-4910.1	2238	9.5	90551.9	-4917.7	2328	9.2	91152.0	-4948.0
2059	9.5	85402.6	-4958.2	2149	9.3	90005.4	-4958.2	2239	9.8	90600.4	-4911.9	2329	10.0	91156.5	-4923.3
2060	9.8	85404.8	-4911.8	2150	9.3	90006.4	-4919.6	2240	9.8	90603.4	-4922.9	2330	8.7	91200.5	-4904.3
2061	10.0	85416.7	-4932.6	2151	9.4	90009.4	-4906.8	2241	8.8	90616.4	-4950.1	2331	9.2	91201.0	-4945.0
2062	8.8	85427.7	-4904.0	2152	10.0	90009.9	-4952.6	2242	10.0	90619.9	-4916.9	2332	9.8	91201.5	-4944.9
2063	8.4	85430.2	-4946.0	2153	8.6	90013.4	-4917.5	2243	9.6	90623.9	-4915.7	2333	10.0	91216.5	-4932.8
2064	9.5	85434.2	-4935.0	2154	9.3	90016.4	-4949.5	2244	10.0	90625.9	-4949.9	2334	10.0	91224.0	-4928.7
2065	9.0	85439.7	-4951.8	2155	9.8	90016.9	-4907.3	2245	9.6	90630.4	-4954.9	2335	7.8	91224.5	-4903.5
2066	9.0	85441.7	-4930.9	2156	9.6	90028.9	-4924.9	2246	9.4	90633.4	-4935.3	2336	9.6	91224.5	-4937.1
2067	9.8	85445.0	-4900.7	2157	9.6	90029.4	-4925.1	2247	9.3	90638.4	-4906.5	2337	10.0	91234.0	-4943.1
2068	9.4	85446.9	-4958.2	2158	10.0	90031.4	-4905.2	2248	9.4	90642.9	-4928.2	2338	10.0	91235.5	-4934.4
2069	10.0	85454.2	-4911.2	2159	9.0	90031.4	-4938.0	2249	9.5	90647.4	-4944.7	2339	10.0	91237.5	-4934.2
2070	10.0	85456.4	-4957.3	2160	10.0	90037.4	-4956.5	2250	9.6	90649.3	-4953.0	2340	9.5	91243.5	-4924.4
2071	9.1	85459.7	-4913.4	2161	10.0	90038.4	-4921.8	2251	10.0	90651.0	-4912.1	2341	10.0	91243.5	-4938.1
2072	8.9	85500.7	-4936.2	2162	9.0	90039.4	-4955.1	2252	8.4	90655.4	-4912.8	2342	9.8	91250.0	-4950.3
2073	9.1	85500.7	-4905.7	2163	9.6	90042.9	-4939.7	2253	10.0	90658.4	-4915.2	2343	9.8	91250.3	-4901.3
2074	9.5	85501.7	-4903.0	2164	9.4	90049.9	-4932.6	2254	9.6	90710.4	-4918.6	2344	10.0	91300.0	-4911.5
2075	9.8	85503.2	-4906.2	2165	10.0	90050.4	-4950.1	2255	8.8	90711.6	-4956.6	2345	10.0	91301.0	-4900.4
2076	10.0	85504.7	-4935.1	2166	9.0	90056.4	-4909.5	2256	9.4	90727.9	-4929.2	2346	10.0	91303.5	-4931.7
2077	10.0	85510.7	-4944.1	2167	10.0	90103.9	-4936.6	2257	9.4	90745.3	-4958.4	2347	9.2	91310.0	-4943.7
2078	10.0	85510.8	-4932.0	2168	8.8	90106.9	-4921.5	2258	10.0	90759.4	-4937.3	2348	10.0	91310.5	-4943.1
2079	9.5	85517.2	-4946.2	2169	8.7	90110.4	-4946.1	2259	9.8	90805.6	-4919.9	2349	9.5	91311.5	-4945.3
2080	9.8	85519.7	-4957.0	2170	9.0	90119.9	-4934.3	2260	9.8	90811.4	-4920.3	2350	9.5	91315.0	-4921.3
2081	9.6	85519.7	-4944.8	2171	7.8	90125.4	-4947.3	2261	9.3	90816.8	-4957.0	2351	10.0	91328.0	-4926.1
2082	9.8	85519.8	-4940.3	2172	9.8	90126.9	-4908.7	2262	10.0	90820.4	-4901.3	2352	10.0	91330.0	-4926.7
2083	9.2	85523.7	-4905.8	2173	9.8	90128.4	-4908.6	2263	10.0	90825.4	-4931.8	2353	10.0	91331.0	-4942.5
2084	10.0	85528.2	-4931.6	2174	9.4	90129.4	-4953.5	2264	9.4	90829.4	-4904.7	2354	10.0	91332.0	-4928.7
2085	9.0	85533.2	-4945.8	2175	9.6	90131.9	-4941.4	2265	10.0	90841.8	-4958.4	2355	9.8	91332.0	-4928.8
2086	9.8	85535.7	-4941.4	2176	7.9	90136.9	-4938.7	2266	9.5	90845.4	-4954.9	2356	8.8	91338.5	-4922.9
2087	10.0	85538.2	-4930.9	2177	9.4	90141.9	-4951.0	2267	9.0	90845.4	-4932.3	2357	9.6	91349.5	-4919.3
2088	10.0	85550.7	-4943.9	2178	9.5	90144.4	-4907.3	2268	9.5	90850.1	-4959.9	2358	9.8	91402.0	-4918.5
2089	8.2	85555.7	-4904.2	2179	9.8	90157.9	-4904.1	2269	9.0	90850.4	-4923.1	2359	9.8	91402.0	-4934.5

-49 2360 9h14m

-49 2719 9h38m

2360	10.0	91404.3	-4901.6	2450	9.5	92038.7	-4958.2	2540	9.2	92748.5	-4921.8
2361	9.8	91406.0	-4947.3	2451	8.6	92039.0	-4944.9	2541	10.0	92756.3	-4948.3
2362	8.6	91406.5	-4923.7	2452	9.4	92042.5	-4932.9	2542	8.9	92756.6	-4957.1
2363	9.8	91408.5	-4925.9	2453	10.0	92048.0	-4903.9	2543	9.7	92758.5	-4946.2
2364	9.5	91410.5	-4932.9	2454	10.0	92049.0	-4938.5	2544	9.9	92801.0	-4931.0
2365	9.6	91417.6	-4900.3	2455	9.5	92055.5	-4937.7	2545	10.0	92809.3	-4942.2
2366	9.6	91418.5	-4905.9	2456	9.7	92058.5	-4914.6	2546	9.6	92811.0	-4903.0
2367	10.0	91421.4	-4958.9	2457	9.4	92113.5	-4911.0	2547	9.6	92819.0	-4942.2
2368	9.8	91424.5	-4947.9	2458	9.3	92116.0	-4951.5	2548	9.9	92821.5	-4912.0
2369	10.0	91429.0	-4959.6	2459	8.6	92118.0	-4902.4	2549	8.4	92823.0	-4926.9
2370	9.6	91436.3	-4935.2	2460	10.0	92125.0	-4957.8	2550	9.8	92824.5	-4911.9
2371	8.2	91438.0	-4916.2	2461	9.6	92140.3	-4902.8	2551	9.8	92833.0	-4900.6
2372	8.6	91439.0	-4919.0	2462	10.0	92144.7	-4901.8	2552	9.7	92835.0	-4926.1
2373	9.4	91439.0	-4951.5	2463	9.6	92149.7	-4959.3	2553	9.8	92835.0	-4924.9
2374	9.2	91441.0	-4941.5	2464	10.0	92155.0	-4951.4	2554	9.0	92836.5	-4908.3
2375	9.8	91444.3	-4917.4	2465	9.7	92156.5	-4922.8	2555	9.6	92843.0	-4934.0
2376	8.0	91448.7	-4932.6	2466	9.6	92157.0	-4915.3	2556	8.8	92845.0	-4911.8
2377	9.5	91449.5	-4909.0	2467	10.0	92201.0	-4908.9	2557	10.0	92846.0	-4951.6
2378	10.0	91453.0	-4929.6	2468	9.9	92203.5	-4946.4	2558	10.0	92846.0	-4919.7
2379	10.0	91453.7	-4911.1	2469	9.4	92205.0	-4952.8	2559	10.0	92849.0	-4941.9
2380	10.0	91455.5	-4912.8	2470	9.4	92209.5	-4933.5	2560	10.0	92850.0	-4940.7
2381	9.8	91458.5	-4951.5	2471	8.3	92217.5	-4945.6	2561	9.4	92851.0	-4928.1
2382	9.4	91458.7	-4949.3	2472	9.2	92229.0	-4908.8	2562	10.0	92858.5	-4922.1
2383	9.4	91500.3	-4911.2	2473	9.8	92232.0	-4926.5	2563	9.6	92859.0	-4931.2
2384	9.6	91501.5	-4930.7	2474	10.0	92233.0	-4904.2	2564	9.8	92900.5	-4952.0
2385	9.8	91509.0	-4955.4	2475	9.7	92235.5	-4949.8	2565	10.0	92901.0	-4914.6
2386	9.8	91515.7	-4954.5	2476	9.4	92240.0	-4947.8	2566	9.7	92907.5	-4958.4
2387	9.8	91525.3	-4923.2	2477	10.0	92241.8	-4901.2	2567	10.0	92909.5	-4916.4
2388	8.9	91530.5	-4916.9	2478	9.4	92259.0	-4948.9	2568	9.6	92910.0	-4931.1
2389	9.7	91531.0	-4910.6	2479	9.5	92310.0	-4926.7	2569	9.3	92911.0	-4915.1
2390	10.0	91550.0	-4909.6	2480	10.0	92328.5	-4948.7	2570	8.2	92912.0	-4912.1
2391	9.8	91550.0	-4956.1	2481	9.9	92331.5	-4936.3	2571	10.0	92913.0	-4951.8
2392	9.9	91553.5	-4940.9	2482	10.0	92340.0	-4946.7	2572	10.0	92917.0	-4955.6
2393	9.8	91558.0	-4947.9	2483	10.0	92351.0	-4914.7	2573	8.4	92920.0	-4910.2
2394	10.0	91558.5	-4917.8	2484	7.8	92358.0	-4906.5	2574	9.6	92921.0	-4927.7
2395	10.0	91601.0	-4915.5	2485	9.8	92358.5	-4954.0	2575	9.6	92923.5	-4934.4
2396	9.2	91611.0	-4940.3	2486	10.0	92401.0	-4923.2	2576	9.7	92929.5	-4922.9
2397	8.5	91617.5	-4922.0	2487	10.0	92401.5	-4950.7	2577	10.0	92936.5	-4941.9
2398	9.9	91629.0	-4919.0	2488	10.0	92403.5	-4919.0	2578	10.0	92939.6	-4957.5
2399	8.5	91640.0	-4903.8	2489	9.8	92416.0	-4920.1	2579	9.2	92940.0	-4952.9
2400	9.8	91643.0	-4945.5	2490	10.0	92434.0	-4913.0	2580	8.9	92950.0	-4941.2
2401	9.8	91645.0	-4926.8	2491	9.6	92434.5	-4915.5	2581	10.0	92957.5	-4917.8
2402	9.5	91650.0	-4945.9	2492	9.6	92435.0	-4920.8	2582	9.6	92958.0	-4918.4
2403	9.4	91656.2	-4958.9	2493	10.0	92442.0	-4912.4	2583	9.5	93001.0	-4924.0
2404	9.8	91702.0	-4912.0	2494	9.4	92443.5	-4911.6	2584	9.6	93004.5	-4956.7
2405	10.0	91702.5	-4920.0	2495	10.0	92453.5	-4930.0	2585	10.0	93009.5	-4955.6
2406	9.5	91710.0	-4909.6	2496	9.5	92500.0	-4924.2	2586	8.6	93015.5	-4951.5
2407	9.6	91711.5	-4941.1	2497	8.8	92505.0	-4952.7	2587	9.4	93020.0	-4925.3
2408	9.8	91712.5	-4916.6	2498	9.8	92505.5	-4907.7	2588	10.0	93022.0	-4912.1
2409	9.9	91720.0	-4926.0	2499	9.4	92513.5	-4934.5	2589	10.0	93030.0	-4941.7
2410	9.8	91720.0	-4913.4	2500	9.7	92514.0	-4925.3	2590	9.7	93034.5	-4936.2
2411	8.3	91720.0	-4911.8	2501	8.8	92514.5	-4946.4	2591	9.6	93037.5	-4919.0
2412	8.6	91721.0	-4908.0	2502	10.0	92520.0	-4903.0	2592	9.1	93039.0	-4947.6
2413	9.6	91723.5	-4904.8	2503	9.7	92524.0	-4924.9	2593	9.9	93040.0	-4922.4
2414	9.8	91728.0	-4940.4	2504	10.0	92524.5	-4905.0	2594	10.0	93047.0	-4946.3
2415	9.2	91730.3	-4902.4	2505	9.4	92526.0	-4957.2	2595	9.7	93049.2	-4900.8
2416	9.1	91740.0	-4929.6	2506	10.0	92529.5	-4915.7	2596	9.9	93052.5	-4906.4
2417	10.0	91757.5	-4938.4	2507	9.6	92529.7	-4904.0	2597	10.0	93057.0	-4918.5
2418	10.0	91800.7	-4958.8	2508	9.6	92543.0	-4902.7	2598	10.0	93100.0	-4937.4
2419	8.0	91811.5	-4942.1	2509	9.2	92550.0	-4941.5	2599	8.9	93102.0	-4937.9
2420	9.8	91828.0	-4922.6	2510	9.4	92550.5	-4937.2	2600	8.8	93115.0	-4939.7
2421	9.0	91829.0	-4916.4	2511	9.5	92555.5	-4921.0	2601	9.8	93116.0	-4916.9
2422	10.0	91842.5	-4913.6	2512	9.2	92600.0	-4945.8	2602	9.8	93120.0	-4951.2
2423	10.0	91849.0	-4925.4	2513	9.6	92601.7	-4902.9	2603	9.5	93128.0	-4959.3
2424	9.7	91850.5	-4948.0	2514	9.7	92603.5	-4932.4	2604	9.0	93129.0	-4915.6
2425	9.6	91853.0	-4936.0	2515	10.0	92603.5	-4911.7	2605	9.7	93136.0	-4926.5
2426	9.9	91855.0	-4926.6	2516	9.4	92608.4	-4957.2	2606	10.0	93138.0	-4917.8
2427	10.0	91856.0	-4921.4	2517	9.7	92611.0	-4939.0	2607	10.0	93138.0	-4959.0
2428	10.0	91900.0	-4926.2	2518	10.0	92612.5	-4923.0	2608	10.0	93141.0	-4915.8
2429	9.3	91900.0	-4941.6	2519	9.9	92618.5	-4932.5	2609	10.0	93142.0	-4908.2
2430	8.9	91901.0	-4903.4	2520	10.0	92637.0	-4949.1	2610	9.6	93148.0	-4919.5
2431	9.6	91901.5	-4934.0	2521	9.9	92637.0	-4939.2	2611	10.0	93151.0	-4937.6
2432	9.5	91906.0	-4913.2	2522	10.0	92637.1	-4946.6	2612	9.2	93204.0	-4954.3
2433	9.4	91910.0	-4954.0	2523	10.0	92638.3	-4926.0	2613	9.2	93215.5	-4908.2
2434	10.0	91911.0	-4938.1	2524	10.0	92639.0	-4940.0	2614	10.0	93216.0	-4950.1
2435	10.0	91920.0	-4954.0	2525	9.8	92639.0	-4946.1	2615	9.5	93221.0	-4942.4
2436	9.4	91930.0	-4948.0	2526	10.0	92640.0	-4948.3	2616	10.0	93224.0	-4913.8
2437	9.7	91939.5	-4912.8	2527	9.8	92649.0	-4940.0	2617	9.4	93225.0	-4943.8
2438	9.9	91940.0	-4906.3	2528	10.0	92649.0	-4935.1	2618	9.8	93228.0	-4917.5
2439	10.0	91941.3	-4901.4	2529	9.7	92650.0	-4925.6	2619	10.0	93235.5	-4907.7
2440	9.2	91945.0	-4934.8	2530	9.6	92658.5	-4922.5	2620	10.0	93239.0	-4942.1
2441	9.8	91951.5	-4921.2	2531	9.6	92659.5	-4957.8	2621	9.7	93243.0	-4944.1
2442	9.6	91953.0	-4931.8	2532	9.6	92710.0	-4958.1	2622	8.0	93301.0	-4926.1
2443	10.0	92001.0	-4916.0	2533	9.8	92714.5	-4936.3	2623	10.0	93323.5	-4934.1
2444	9.1	92003.5	-4916.3	2534	9.0	92715.0	-4912.7	2624	9.6	93325.0	-4905.8
2445	9.4	92016.0	-4933.0	2535	9.7	92715.5	-4906.2	2625	9.7	93326.5	-4954.4
2446	9.2	92016.5	-4914.9	2536	9.5	92730.0	-4922.6	2626	10.0	93328.0	-4956.0
2447	9.6	92028.0	-4919.6	2537	9.0	92730.0	-4927.5	2627	9.6	93332.0	-4910.2
2448	9.3	92028.5	-4925.6	2538	9.6	92731.0	-4903.1	2628	10.0	93332.0	-4952.3
2449	9.3	92038.0	-4945.5	2539	10.0	92747.5	-4940.8	2629	9.8	93335.0	-4915.1
2630	10.0	93350.0	-4951.1								
2631	10.0	93350.0	-4938.7								
2632	9.0	93351.0	-4915.9								
2633	9.8	93351.5	-4907.0								
2634	10.0	93357.5	-4954.6								
2635	10.0	93409.0	-4939.1								
2636	10.0	93412.0	-4952.0								
2637	10.0	93417.0	-4938.4								
2638	10.0	93419.5	-4928.9								
2639	9.4	93420.0	-4911.8								
2640	7.7	93421.7	-4956.7								
2641	9.5	93424.0	-4931.9								
2642	9.8	93429.5	-4920.3								
2643	9.8	93434.0	-4900.7								
2644	9.9	93434.0	-4941.1								
2645	10.0	93435.0	-4958.9								
2646	10.0	93442.0	-4947.7								
2647	10.0	93445.0	-4929.5								
2648	10.0	93445.5	-4905.7								
2649	9.8	93500.0	-4918.9								
2650	9.8	93501.0	-4928.9								
2651	9.6	93506.0	-4914.1								
2652	9.5	93512.0	-4919.0								
2653	10.0	93513.5	-4939.9								
2654	9.6	93514.0	-4906.5								
2655	9.7	93515.2	-4902.6								
2656	8.0	93518.0	-4934.3								
2657	10.0	93520.0	-4953.7								
2658	9.8	93522.0	-4933.5								
2659	9.7	93523.0	-4935.7								
2660	8.7	93529.5	-4939.0								
2661	9.4	93531.0	-4902.2								
2662	10.0	93535.5	-4920.2								
2663	9.9	93555.0	-4935.4								
2664	9.4	93555.4	-4958.9								
2665	9.6	93600.0	-4946.2								
2666	9.9	93604.0	-4939.3								
2667	10.0	93606.5	-4906.7								
2668	9.8	93607.5	-4928.0								
2669	9.6	93608.0	-4909.9								
2670	9.2	93609.0	-4935.4								
2671	10.0	93609.0	-4927.4								
2672	9.2	93610.0	-4916.2								
2673	9.7	93610.0	-4912.6								
2674	9.8	93610.0	-4920.0								
2675	9.7	93615.0	-4916.0								
2676	10.0	93619.5	-4955.5								
2677	9.8	93624.0	-4935.8								
2678	10.0	93636.5	-4948.8								
2679	9.6	93644.0	-4945.1								
2680	9.8	93644.0	-4909.0								
2681	9.4	93647.0	-4921.3								
2682	9.6	93649.5	-4920.2								
2683	10.0	93650.0	-4933.1								
2684	9.6	93651.0	-4925.7								
2685	10.0	93700.0	-4950.5								
2686	9.5	93700.0	-4938.0								
2687	10.0	93700.0	-4956.1								
2688	9.7	93705.0	-4938.7								
2689	10.0	93705.0	-4938.1								
2690	10.0	93708.0	-4917.0								
2691	9.8	93709.0	-4908.5								
2692	9.7	93710.5	-4923.7								
2693	10.0	93712.0	-4957.8								
2694	9.0	93720.0	-4912.6								
2695	9.6	93720.0	-4938.2								
2696	9.6	93720.0	-4939.2								
2697	10.0	93720.5	-4928.0								
2698	10.0	93724.5	-4902.9								
2699	9.5	93725.2	-4902.7								
2700	9.5	93728.0	-4916.0								
2701	10.0	93732.0	-4922.2								
2702	9.2	93734.5	-4908.0								
2703	10.0	93735.0	-4919.0								
2704	9.4	93739.0	-4955.5								
2705	10.0	93739.0	-4925.3								
2706	9.2	93742.0	-4942.0								
2707	10.0	93751.0	-4933.9								
2708	9.6	93752.0	-4950.1								
2709	9.8	93756.0	-4954.8								
2710	10.0	93802.5	-4907.1								
2711	10.0	93814.5	-4908.2								
2712	9.6	93816.0	-4952.2								
2713	8.9	93821.0	-4934.3								
2714	10.0	93828.0	-4933.9								
2715	10.0	93829.0	-4928.0								
2716	10.0	93832.0	-4927.3								
2717	9.9	93838.5	-4920.7								
2718	10.0	93840.0	-4938.7								
2719	10.0	93841.5	-4949.3								

-49 2720 9h38m

-49 3079 10h00m

2720	9.1	93843.5	-4937.0	2810	9.6	94352.0	-4941.5	2900	9.8	94926.4	-4929.7	2990	9.7	95448.4	-4940.0
2721	9.2	93843.5	-4914.3	2811	9.6	94401.0	-4935.5	2901	9.6	94930.4	-4952.5	2991	8.6	95448.9	-4948.4
2722	10.0	93845.0	-4933.9	2812	9.5	94404.0	-4906.4	2902	9.4	94930.4	-4959.0	2992	8.3	95454.4	-4951.0
2723	9.9	93845.0	-4932.1	2813	10.0	94404.0	-4935.8	2903	9.5	94938.9	-4903.9	2993	9.8	95454.9	-4911.8
2724	10.0	93846.5	-4933.2	2814	9.7	94404.0	-4912.0	2904	9.7	94940.4	-4906.2	2994	9.5	95455.9	-4909.8
2725	10.0	93851.0	-4926.0	2815	9.8	94409.0	-4923.0	2905	9.8	94948.4	-4927.0	2995	9.8	95456.2	-4948.4
2726	9.6	93851.0	-4940.5	2816	9.6	94417.5	-4917.0	2906	9.8	94955.4	-4947.0	2996	9.6	95456.7	-4957.8
2727	9.8	93854.0	-4945.4	2817	10.0	94428.0	-4953.7	2907	8.9	94956.9	-4940.0	2997	8.6	95503.7	-4915.2
2728	10.0	93854.0	-4944.4	2818	9.7	94438.0	-4937.9	2908	9.5	94957.4	-4924.5	2998	9.7	95509.2	-4945.5
2729	10.0	93858.5	-4934.1	2819	9.6	94440.0	-4932.8	2909	9.4	94959.4	-4907.2	2999	9.8	95524.2	-4947.9
2730	10.0	93905.5	-4932.0	2820	8.9	94440.2	-4951.6	2910	9.8	95000.8	-4958.0	3000	9.8	95524.2	-4946.5
2731	8.3	93913.0	-4948.6	2821	9.2	94440.7	-4911.9	2911	9.5	95001.9	-4948.4	3001	8.6	95527.7	-4938.1
2732	10.0	93921.5	-4921.7	2822	10.0	94441.0	-4930.7	2912	9.8	95002.1	-4958.7	3002	9.8	95530.2	-4903.4
2733	10.0	93928.0	-4903.1	2823	9.6	94445.0	-4934.0	2913	9.1	95004.7	-4902.5	3003	9.6	95543.7	-4910.9
2734	9.2	93935.0	-4941.7	2824	9.8	94448.2	-4956.8	2914	9.8	95008.4	-4920.4	3004	9.8	95551.7	-4936.4
2735	9.6	93939.0	-4945.1	2825	10.0	94450.2	-4915.8	2915	9.7	95009.9	-4945.3	3005	9.8	95553.2	-4901.0
2736	9.9	93941.5	-4910.1	2826	9.8	94451.0	-4943.2	2916	9.5	95011.9	-4945.4	3006	9.8	95553.7	-4900.0
2737	9.5	93949.0	-4910.3	2827	10.0	94451.0	-4912.4	2917	9.5	95011.9	-4915.4	3007	9.3	95555.7	-4945.8
2738	9.1	93949.0	-4951.5	2828	9.8	94500.2	-4923.8	2918	9.4	95011.9	-4914.4	3008	8.8	95555.7	-4946.0
2739	9.9	93949.5	-4914.9	2829	9.8	94504.5	-4919.9	2919	6.7	95012.9	-4939.2	3009	8.8	95600.2	-4917.8
2740	8.8	93950.0	-4908.1	2830	9.6	94508.0	-4946.4	2920	9.8	95017.9	-4959.0	3010	9.6	95611.7	-4921.4
2741	9.6	93952.0	-4929.6	2831	10.0	94510.0	-4922.4	2921	9.8	95017.9	-4948.0	3011	7.6	95615.7	-4952.7
2742	10.0	93952.0	-4921.0	2832	9.8	94513.0	-4952.4	2922	9.8	95019.4	-4920.6	3012	9.8	95624.7	-4925.2
2743	9.6	93952.5	-4936.6	2833	9.5	94514.0	-4951.8	2923	9.8	95025.9	-4927.5	3013	9.8	95631.7	-4913.4
2744	8.8	94017.0	-4906.8	2834	9.0	94516.7	-4907.4	2924	9.6	95027.4	-4930.6	3014	9.5	95639.2	-4914.5
2745	9.5	94018.0	-4922.6	2835	9.6	94517.2	-4952.9	2925	9.5	95030.4	-4916.4	3015	9.4	95640.2	-4925.1
2746	8.5	94020.5	-4926.0	2836	8.4	94524.9	-4912.2	2926	9.8	95030.4	-4950.6	3016	9.8	95641.7	-4932.1
2747	10.0	94021.0	-4944.3	2837	9.8	94526.2	-4948.3	2927	9.8	95030.9	-4914.1	3017	9.7	95642.7	-4916.0
2748	9.6	94022.0	-4906.0	2838	9.5	94528.2	-4918.2	2928	9.1	95030.9	-4926.8	3018	9.8	95644.2	-4928.3
2749	9.0	94025.5	-4954.8	2839	9.0	94529.4	-4946.9	2929	9.3	95031.4	-4942.8	3019	9.8	95645.4	-4959.5
2750	9.8	94030.0	-4922.3	2840	7.9	94531.9	-4902.2	2930	9.8	95040.4	-4935.7	3020	9.8	95648.7	-4912.1
2751	10.0	94034.0	-4922.5	2841	9.8	94535.9	-4939.5	2931	9.8	95040.6	-4930.7	3021	9.8	95658.2	-4907.0
2752	9.6	94040.0	-4913.0	2842	9.8	94538.9	-4943.9	2932	9.8	95100.4	-4947.4	3022	9.5	95700.2	-4944.7
2753	8.1	94049.5	-4914.2	2843	9.8	94540.4	-4942.8	2933	9.7	95104.9	-4927.0	3023	9.6	95700.2	-4943.2
2754	9.4	94053.5	-4907.0	2844	9.6	94541.4	-4929.5	2934	8.9	95108.4	-4905.4	3024	9.8	95710.2	-4902.4
2755	10.0	94100.0	-4922.0	2845	9.8	94542.6	-4942.2	2935	9.8	95109.4	-4922.0	3025	9.5	95715.2	-4959.1
2756	8.9	94100.8	-4902.9	2846	8.4	94544.4	-4951.1	2936	9.7	95111.4	-4947.7	3026	9.8	95717.7	-4927.8
2757	9.3	94104.3	-4902.6	2847	8.0	94546.9	-4945.2	2937	9.7	95111.6	-4958.4	3027	9.7	95728.2	-4940.6
2758	9.3	94106.5	-4942.5	2848	9.0	94550.4	-4935.5	2938	9.8	95116.4	-4921.0	3028	9.8	95741.2	-4908.4
2759	9.8	94107.3	-4934.4	2849	9.4	94550.9	-4947.6	2939	9.8	95120.4	-4949.0	3029	9.8	95744.7	-4912.5
2760	9.4	94107.5	-4912.8	2850	9.3	94550.9	-4935.6	2940	9.8	95124.9	-4915.5	3030	9.8	95744.7	-4947.1
2761	9.9	94108.5	-4950.1	2851	9.4	94551.4	-4924.2	2941	9.4	95124.9	-4912.8	3031	9.1	95758.7	-4931.9
2762	8.9	94110.5	-4923.2	2852	9.8	94551.4	-4906.6	2942	9.8	95128.9	-4953.1	3032	9.8	95759.2	-4909.7
2763	10.0	94115.2	-4912.2	2853	9.7	94552.4	-4956.6	2943	9.3	95128.9	-4908.1	3033	9.8	95801.6	-4913.1
2764	9.6	94119.5	-4908.8	2854	9.6	94559.4	-4955.9	2944	9.8	95141.4	-4945.7	3034	9.8	95810.2	-4935.6
2765	10.0	94134.0	-4914.2	2855	9.8	94605.9	-4947.6	2945	9.8	95141.9	-4955.6	3035	9.8	95827.7	-4929.5
2766	10.0	94140.0	-4909.6	2856	9.3	94610.4	-4919.7	2946	9.6	95142.1	-4957.4	3036	9.8	95831.9	-4957.5
2767	10.0	94150.0	-4908.2	2857	9.8	94614.6	-4949.0	2947	9.8	95144.9	-4935.4	3037	9.8	95834.7	-4952.2
2768	10.0	94150.5	-4945.3	2858	9.8	94619.9	-4949.5	2948	9.8	95147.6	-4959.5	3038	9.8	95836.7	-4939.7
2769	9.8	94155.0	-4932.3	2859	9.8	94620.4	-4944.9	2949	9.2	95151.4	-4911.3	3039	9.5	95841.6	-4958.0
2770	9.7	94155.2	-4953.2	2860	9.8	94620.9	-4958.8	2950	9.7	95153.4	-4932.9	3040	8.6	95842.2	-4926.9
2771	9.7	94155.5	-4921.0	2861	9.8	94622.9	-4949.9	2951	9.8	95158.9	-4902.9	3041	9.6	95843.2	-4939.1
2772	8.7	94201.0	-4920.3	2862	9.8	94634.4	-4955.8	2952	9.3	95202.9	-4925.0	3042	9.6	95845.2	-4925.3
2773	9.7	94206.0	-4919.9	2863	9.1	94636.4	-4955.7	2953	9.2	95204.9	-4914.7	3043	9.8	95846.7	-4928.9
2774	10.0	94213.0	-4947.1	2864	9.8	94638.9	-4939.3	2954	9.8	95214.9	-4934.0	3044	9.8	95847.2	-4901.4
2775	9.8	94219.0	-4923.8	2865	9.8	94640.4	-4900.1	2955	9.7	95221.7	-4916.2	3045	9.8	95852.2	-4939.6
2776	9.7	94221.0	-4948.8	2866	8.9	94641.4	-4939.3	2956	9.8	95221.9	-4934.5	3046	9.8	95854.7	-4913.9
2777	10.0	94221.5	-4919.5	2867	9.5	94651.4	-4903.8	2957	9.8	95226.9	-4907.8	3047	9.8	95856.2	-4947.7
2778	9.9	94231.0	-4949.2	2868	9.6	94651.9	-4928.8	2958	7.7	95230.4	-4916.5	3048	9.1	95857.9	-4957.1
2779	9.8	94232.5	-4905.8	2869	9.8	94653.4	-4955.0	2959	9.6	95237.4	-4911.0	3049	9.1	95859.2	-4937.1
2780	9.9	94238.3	-4901.5	2870	9.6	94655.4	-4916.9	2960	9.8	95239.9	-4922.2	3050	8.9	95900.2	-4930.9
2781	9.8	94239.5	-4907.9	2871	9.8	94701.9	-4935.1	2961	9.6	95240.4	-4959.0	3051	9.8	95900.2	-4914.3
2782	10.0	94240.0	-4926.9	2872	9.7	94705.4	-4934.9	2962	9.8	95242.9	-4922.3	3052	9.0	95902.7	-4946.3
2783	10.0	94241.2	-4940.7	2873	9.8	94705.7	-4900.3	2963	9.8	95247.9	-4911.3	3053	9.5	95908.7	-4942.1
2784	9.4	94242.0	-4956.7	2874	9.8	94707.9	-4910.9	2964	9.4	95250.4	-4957.3	3054	9.8	95910.2	-4947.5
2785	9.4	94246.0	-4925.0	2875	9.8	94715.9	-4936.5	2965	9.8	95250.4	-4935.3	3055	9.4	95910.2	-4939.5
2786	9.8	94250.5	-4924.4	2876	9.6	94718.9	-4910.3	2966	9.4	95300.4	-4958.0	3056	9.5	95910.7	-4907.1
2787	9.6	94252.0	-4954.4	2877	8.8	94720.4	-4928.6	2967	9.8	95303.9	-4937.4	3057	9.5	95911.2	-4922.9
2788	9.2	94254.0	-4951.5	2878	9.5	94727.4	-4921.9	2968	9.7	95308.9	-4918.3	3058	9.1	95914.2	-4909.4
2789	9.9	94255.0	-4945.8	2879	9.5	94729.4	-4923.6	2969	9.8	95309.5	-4959.1	3059	9.8	95915.2	-4921.8
2790	9.8	94259.0	-4927.4	2880	9.8	94733.9	-4955.8	2970	9.8	95320.4	-4957.6	3060	9.4	95915.2	-4904.1
2791	7.8	94309.5	-4921.6	2881	9.6	94736.4	-4917.8	2971	9.4	95320.9	-4916.0	3061	9.6	95916.2	-4940.8
2792	9.6	94310.0	-4933.0	2882	9.8	94740.9	-4908.5	2972	9.8	95330.9	-4943.3	3062	9.2	95920.7	-4900.7
2793	10.0	94310.2	-4900.0	2883	9.2	94742.4	-4947.6	2973	9.8	95336.5	-4917.1	3063	9.8	95923.7	-4935.7
2794	9.8	94314.0	-4931.5	2884	9.2	94746.9	-4923.3	2974	9.5	95339.4	-4922.6	3064	9.5	95929.2	-4945.1
2795	9.8	94314.0	-4910.6	2885	9.8	94749.4	-4928.0	2975	9.8	95343.4	-4916.6	3065	9.8	95929.7	-4905.7
2796	10.0	94315.5	-4910.5	2886	9.8	94750.4	-4953.9	2976	8.6	95345.9	-4931.6	3066	9.6	95935.2	-4949.3
2797	10.0	94316.0	-4914.3	2887	9.6	94750.9	-4911.8	2977	9.4	95350.9	-4932.9	3067	9.8	95935.2	-4914.7
2798	10.0	94316.2	-4910.8	2888	9.8	94800.4	-4918.9	2978	9.4	95352.4	-4952.9	3068	9.8	95946.2	-4918.4
2799	10.0	94319.5	-4914.7	2889	9.2	94802.4	-4948.6	2979	9.4	95358.9	-4935.9	3069	9.5	95946.2	-4937.1
2800	9.6	94323.5	-4959.8	2890	8.9	94805.4	-4942.7	2980	9.1	95400.4	-4910.2	3070	9.8	95948.7	-4901.1
2801	10.0	94333.5	-4920.8	2891	9.8	94809.9	-4955.5	2981	9.7	95401.4	-4931.2	3071	9.4	95948.7	-4931.6
2802	10.0	94333.8	-4901.4	2892	8.8	94823.9	-4910.7	2982	8.5	95416.9	-4917.7	3072	9.4	95951.7	-4950.2
2803	9.7	94334.0	-4919.5	2893	9.6	94830.4	-4944.7	2983	9.5	95417.9	-4916.2	3073	8.9	95955.2	-4944.5
2804	10.0	94336.0	-4945.3	2894	9.1	94836.9	-4933.0	2984	9.7	95431.9	-4922.7	3074	9.5	95956.2	-4916.3
2805	9.8	94340.0	-4923.5	2895	9.4	94856.4	-4959.5	2985	9.3	95443.4	-4924.7	3075	9.7	95959.7	-4931.0
2806	10.0	94341.0	-4953.6	2896	9.4	94859.4	-4931.0	2986	9.8	95443.4	-4938.2	3076	9.8	100001.2	-4919.4
2807	9.5	94343.0	-4905.9	2897	9.6	94914.4	-4933.0	2987	9.0	95443.9	-4925.0	3077	9.6	100004.2	-4929.4
2808	9.6	94343.8	-4902.1	2898	9.8	94920.4	-4932.8	2988	9.6	95443.9	-4928.3	3078	9.8	100004.7	-4909.8
2809	9.7	94351.0	-4903.7	2899	9.6	94923.9	-4902.9	2989	9.8	95444.9	-4937.8	3079	9.8	100008.2	-4939.7

-49 3080 10h00m

-49 3439 10h20m

3080	9.6	100010.2	-4936.9	3170	9.8	100528.2	-4918.1	3260	9.8	101017.0	-4917.5	3350	9.8	101506.6	-4935.6
3081	9.8	100011.4	-4958.1	3171	9.5	100528.7	-4923.5	3261	9.3	101026.5	-4936.4	3351	9.8	101508.0	-4941.0
3082	9.8	100031.4	-4958.5	3172	9.8	100530.2	-4905.2	3262	9.8	101031.0	-4938.7	3352	9.5	101510.0	-4929.2
3083	9.5	100035.7	-4934.5	3173	9.4	100530.2	-4924.0	3263	9.6	101032.0	-4912.8	3353	9.5	101515.3	-4901.8
3084	9.8	100038.7	-4952.1	3174	9.5	100537.2	-4903.7	3264	9.4	101032.5	-4950.1	3354	9.8	101517.2	-4912.8
3085	9.4	100041.2	-4931.4	3175	9.4	100540.2	-4933.6	3265	9.8	101034.3	-4959.7	3355	9.8	101521.5	-4950.0
3086	9.8	100048.2	-4926.0	3176	9.6	100540.2	-4951.8	3266	9.5	101040.0	-4902.7	3356	9.8	101521.8	-4921.8
3087	9.4	100100.2	-4903.0	3177	9.8	100545.2	-4949.5	3267	9.0	101041.5	-4954.5	3357	9.6	101522.0	-4958.4
3088	9.8	100104.2	-4951.5	3178	9.4	100549.7	-4924.0	3268	9.8	101042.0	-4912.1	3358	9.8	101526.5	-4923.9
3089	9.6	100105.7	-4922.5	3179	9.4	100550.2	-4945.4	3269	9.8	101050.0	-4905.1	3359	9.8	101528.0	-4952.2
3090	9.2	100110.2	-4934.3	3180	8.8	100605.2	-4905.0	3270	8.0	101053.5	-4933.2	3360	9.6	101529.5	-4925.4
3091	9.8	100110.2	-4903.6	3181	9.8	100608.2	-4907.0	3271	9.8	101055.0	-4903.7	3361	8.9	101535.5	-4943.6
3092	9.1	100116.7	-4955.4	3182	9.2	100609.2	-4903.6	3272	9.6	101100.0	-4907.1	3362	10.0	101536.5	-4927.4
3093	9.7	100131.2	-4930.5	3183	9.6	100610.2	-4907.7	3273	9.5	101101.0	-4925.5	3363	9.4	101541.0	-4946.7
3094	9.2	100132.2	-4952.7	3184	9.7	100611.2	-4953.4	3274	9.5	101103.0	-4908.9	3364	9.8	101546.0	-4945.7
3095	9.6	100146.2	-4926.6	3185	9.8	100614.2	-4952.7	3275	9.8	101110.0	-4951.2	3365	10.0	101547.2	-4928.4
3096	9.2	100155.2	-4955.7	3186	9.8	100618.2	-4934.4	3276	9.8	101110.0	-4942.3	3366	9.6	101548.0	-4939.7
3097	9.4	100159.7	-4921.0	3187	8.9	100620.2	-4903.7	3277	9.8	101110.0	-4923.9	3367	9.7	101550.5	-4911.5
3098	9.5	100201.7	-4940.1	3188	9.6	100620.7	-4901.8	3278	9.6	101111.0	-4918.5	3368	8.9	101558.0	-4939.8
3099	8.6	100202.2	-4921.4	3189	9.7	100622.2	-4951.0	3279	8.0	101125.0	-4902.5	3369	9.6	101601.0	-4945.6
3100	9.4	100207.7	-4938.1	3190	9.8	100623.2	-4929.7	3280	9.8	101129.5	-4951.5	3370	9.3	101613.0	-4930.1
3101	9.8	100231.2	-4944.8	3191	9.6	100625.7	-4952.2	3281	9.5	101131.0	-4954.9	3371	9.8	101619.0	-4949.6
3102	9.8	100235.7	-4905.0	3192	9.6	100626.2	-4927.2	3282	9.6	101132.5	-4910.9	3372	9.8	101620.5	-4927.0
3103	9.7	100238.2	-4944.1	3193	7.9	100633.7	-4952.5	3283	9.6	101135.0	-4940.9	3373	9.8	101625.0	-4928.2
3104	9.7	100244.2	-4903.0	3194	8.4	100636.2	-4923.4	3284	9.6	101136.0	-4922.9	3374	10.0	101627.5	-4905.9
3105	9.8	100245.2	-4913.8	3195	9.8	100639.7	-4908.2	3285	9.5	101137.5	-4908.8	3375	9.6	101636.5	-4915.9
3106	9.6	100248.2	-4922.3	3196	9.8	100646.4	-4940.1	3286	9.8	101137.5	-4905.6	3376	10.0	101640.0	-4938.7
3107	9.4	100251.2	-4904.0	3197	9.4	100649.7	-4949.2	3287	9.6	101138.0	-4914.3	3377	9.8	101640.2	-4901.8
3108	9.4	100252.7	-4918.7	3198	8.6	100651.2	-4912.4	3288	9.7	101138.0	-4908.9	3378	8.5	101644.0	-4909.6
3109	9.3	100252.7	-4922.0	3199	9.8	100654.7	-4902.7	3289	9.7	101140.5	-4953.1	3379	9.8	101649.0	-4929.7
3110	9.4	100300.2	-4930.4	3200	7.9	100656.2	-4932.4	3290	9.6	101141.5	-4926.1	3380	9.2	101650.0	-4938.1
3111	9.8	100303.7	-4908.0	3201	9.6	100701.7	-4945.4	3291	9.3	101149.0	-4903.5	3381	9.8	101652.5	-4946.6
3112	9.6	100305.7	-4935.7	3202	9.6	100705.7	-4953.8	3292	9.0	101150.0	-4953.1	3382	9.8	101655.0	-4925.6
3113	9.8	100307.7	-4945.7	3203	9.8	100707.7	-4931.0	3293	9.1	101159.0	-4914.7	3383	10.0	101700.0	-4948.2
3114	9.8	100311.7	-4957.8	3204	9.1	100710.2	-4906.5	3294	9.4	101200.0	-4958.4	3384	8.8	101702.5	-4908.3
3115	9.4	100312.2	-4950.8	3205	9.8	100725.7	-4917.6	3295	9.5	101200.0	-4907.8	3385	8.8	101709.0	-4934.0
3116	9.5	100314.2	-4903.4	3206	9.8	100725.7	-4947.4	3296	9.7	101201.5	-4902.7	3386	9.8	101710.0	-4919.3
3117	9.5	100315.2	-4951.1	3207	9.8	100730.7	-4913.4	3297	9.6	101205.0	-4919.9	3387	9.3	101718.0	-4934.9
3118	9.2	100315.2	-4911.0	3208	9.8	100732.2	-4924.2	3298	9.3	101210.5	-4925.3	3388	8.9	101718.5	-4926.4
3119	9.4	100318.7	-4951.9	3209	9.8	100734.7	-4950.0	3299	9.3	101211.5	-4920.7	3389	9.4	101725.5	-4952.3
3120	9.5	100321.2	-4948.4	3210	8.5	100741.7	-4939.4	3300	9.6	101215.0	-4929.9	3390	10.0	101725.5	-4926.1
3121	9.5	100321.2	-4956.6	3211	9.2	100752.7	-4901.0	3301	9.5	101215.5	-4919.9	3391	10.0	101729.0	-4925.5
3122	9.4	100326.2	-4930.2	3212	9.8	100753.7	-4913.3	3302	9.6	101218.0	-4913.1	3392	9.7	101738.0	-4907.2
3123	9.0	100327.7	-4936.3	3213	8.7	100755.2	-4910.4	3303	9.7	101220.5	-4954.2	3393	9.8	101740.0	-4919.4
3124	9.5	100328.7	-4913.2	3214	9.1	100758.7	-4941.6	3304	9.3	101221.0	-4953.5	3394	10.0	101744.5	-4901.0
3125	9.4	100329.5	-4902.0	3215	9.5	100800.7	-4934.0	3305	9.0	101224.0	-4954.6	3395	9.8	101745.0	-4909.8
3126	9.8	100330.2	-4901.0	3216	9.8	100800.7	-4913.2	3306	9.6	101226.5	-4931.4	3396	9.8	101746.0	-4942.2
3127	9.7	100331.2	-4907.1	3217	9.3	100801.2	-4904.6	3307	8.6	101231.3	-4957.6	3397	9.4	101749.5	-4955.1
3128	9.8	100336.2	-4929.4	3218	9.8	100802.4	-4927.8	3308	9.6	101232.5	-4940.9	3398	10.0	101757.5	-4910.6
3129	9.7	100339.7	-4938.4	3219	9.5	100804.7	-4957.2	3309	8.9	101234.5	-4951.9	3399	10.0	101801.0	-4906.3
3130	9.3	100340.2	-4941.7	3220	9.6	100809.2	-4940.0	3310	9.6	101239.0	-4943.9	3400	7.9	101809.0	-4953.8
3131	9.6	100340.2	-4956.7	3221	9.7	100814.2	-4930.0	3311	9.3	101241.0	-4921.0	3401	10.0	101812.0	-4920.6
3132	9.6	100347.2	-4932.5	3222	9.8	100820.2	-4935.4	3312	9.0	101242.0	-4906.7	3402	9.8	101812.0	-4910.8
3133	9.8	100347.7	-4934.1	3223	8.4	100825.4	-4959.8	3313	9.1	101246.0	-4929.6	3403	10.0	101820.0	-4922.0
3134	9.8	100349.2	-4956.2	3224	9.5	100831.2	-4950.4	3314	9.4	101250.0	-4916.7	3404	9.8	101820.5	-4937.3
3135	9.5	100350.2	-4950.6	3225	8.4	100840.2	-4950.6	3315	9.8	101250.0	-4946.9	3405	9.6	101821.0	-4930.2
3136	9.5	100355.2	-4947.8	3226	9.8	100844.2	-4907.6	3316	9.8	101256.0	-4948.3	3406	10.0	101821.5	-4927.4
3137	9.6	100359.2	-4908.2	3227	9.8	100845.7	-4945.4	3317	9.0	101256.5	-4910.9	3407	8.2	101826.5	-4943.1
3138	9.7	100401.2	-4924.2	3228	9.5	100848.2	-4958.2	3318	9.8	101259.0	-4932.6	3408	9.6	101830.5	-4927.7
3139	9.8	100401.7	-4958.2	3229	9.8	100849.2	-4910.2	3319	9.4	101305.0	-4931.0	3409	9.4	101837.5	-4929.2
3140	9.0	100401.7	-4945.8	3230	9.8	100850.0	-4956.2	3320	9.1	101306.0	-4901.1	3410	9.8	101838.5	-4934.7
3141	9.6	100402.9	-4959.4	3231	8.8	100850.2	-4909.5	3321	9.2	101321.0	-4952.3	3411	9.4	101845.0	-4923.9
3142	8.2	100410.2	-4910.3	3232	9.6	100852.5	-4903.6	3322	9.8	101338.0	-4959.7	3412	9.6	101852.5	-4936.3
3143	9.2	100412.2	-4944.1	3233	9.6	100858.0	-4946.0	3323	8.5	101340.5	-4917.1	3413	9.7	101853.5	-4955.7
3144	9.6	100412.7	-4944.9	3234	9.0	100859.5	-4937.2	3324	9.4	101349.0	-4953.4	3414	9.8	101858.0	-4933.8
3145	9.8	100415.2	-4955.5	3235	9.6	100900.0	-4910.0	3325	9.2	101350.0	-4928.9	3415	10.0	101859.5	-4923.2
3146	9.5	100418.2	-4957.8	3236	9.8	100909.5	-4931.8	3326	9.6	101351.0	-4920.1	3416	9.4	101902.0	-4953.2
3147	9.5	100420.2	-4935.8	3237	9.5	100913.0	-4904.6	3327	9.8	101351.0	-4916.3	3417	9.8	101902.5	-4958.7
3148	9.5	100423.7	-4947.8	3238	9.5	100916.5	-4924.2	3328	9.8	101352.0	-4957.5	3418	9.8	101902.5	-4945.9
3149	9.8	100430.2	-4916.0	3239	9.8	100919.3	-4957.4	3329	9.8	101401.0	-4909.6	3419	9.6	101905.5	-4932.8
3150	9.8	100436.2	-4906.3	3240	9.8	100920.8	-4957.2	3330	9.5	101401.3	-4959.5	3420	9.5	101909.0	-4921.9
3151	9.8	100436.5	-4900.0	3241	9.8	100925.2	-4918.4	3331	9.6	101402.0	-4940.6	3421	9.6	101911.0	-4910.0
3152	9.8	100439.2	-4924.1	3242	9.4	100926.0	-4919.0	3332	9.8	101406.5	-4911.5	3422	10.0	101922.0	-4909.0
3153	9.8	100439.2	-4951.9	3243	9.1	100928.0	-4955.0	3333	9.6	101410.0	-4949.5	3423	9.8	101922.5	-4955.6
3154	9.5	100440.2	-4956.6	3244	9.8	100931.0	-4921.8	3334	9.8	101413.0	-4928.3	3424	10.0	101922.5	-4958.4
3155	9.8	100445.2	-4952.2	3245	9.8	100932.0	-4932.1	3335	9.4	101415.0	-4905.3	3425	9.0	101934.5	-4952.9
3156	8.9	100447.7	-4938.0	3246	9.8	100934.0	-4941.6	3336	9.5	101416.0	-4954.7	3426	10.0	101940.5	-4906.6
3157	9.6	100448.7	-4927.1	3247	8.8	100938.0	-4958.4	3337	9.8	101419.0	-4917.5	3427	9.8	101946.8	-4947.6
3158	8.8	100450.2	-4919.9	3248	9.8	100940.0	-4907.4	3338	8.3	101420.0	-4929.6	3428	10.0	101950.8	-4905.7
3159	9.6	100450.2	-4900.1	3249	9.8	100950.2	-4902.1	3339	9.5	101420.5	-4939.0	3429	9.0	101951.8	-4917.1
3160	9.4	100451.2	-4905.1	3250	9.5	100951.0	-4956.6	3340	9.8	101421.0	-4939.9	3430	9.2	101953.8	-4929.5
3161	9.8	100455.2	-4954.4	3251	9.0	100954.5	-4918.2	3341	9.6	101423.5	-4917.1	3431	10.0	101953.8	-4941.5
3162	9.8	100502.2	-4951.2	3252	9.8	100956.5	-4923.6	3342	9.8	101431.0	-4901.7	3432	9.8	101954.8	-4939.3
3163	9.4	100505.2	-4933.8	3253	9.6	100958.0	-4935.4	3343	9.1	101447.0	-4955.0	3433	9.4	101958.8	-4946.4
3164	9.8	100510.2	-4912.4	3254	9.8	101000.0	-4953.0	3344	9.8	101449.0	-4957.7	3434	10.0	101959.8	-4902.3
3165	9.7	100510.2	-4959.5	3255	8.8	101003.0	-4917.0	3345	9.1	101452.0	-4959.0	3435	7.6	102003.3	-4928.2
3166	9.8	100511.2	-4951.9	3256	9.8	101005.0	-4941.3	3346	9.3	101454.5	-4929.0	3436	9.4	102006.3	-4948.9
3167	9.8	100512.2	-4928.6	3257	9.6	101010.5	-4936.4	3347	9.4	101502.5	-4919.6	3437	9.6	102007.8	-4913.8
3168	9.8	100512.7	-4928.2	3258	9.6	101012.0	-4953.8	3348	9.8	101503.1	-4918.5	3438	9.6	102009.6	-4959.0
3169	9.5	100516.7	-4906.0	3259	9.6	101016.0	-4939.6	3349	9.2	101504.3	-4945.9	3439	9.8	102014.3	-4947.2

3440	10.0	102021.8	-4907.7	3530	9.4	102634.3	-4954.7	3620	9.0	103319.3	-4903.7
3441	9.4	102026.3	-4940.8	3531	10.0	102640.8	-4940.4	3621	10.0	103321.8	-4926.9
3442	10.0	102039.8	-4945.9	3532	10.0	102642.3	-4917.2	3622	9.8	103328.5	-4920.3
3443	10.0	102040.3	-4919.1	3533	10.0	102642.5	-4901.9	3623	8.8	103328.8	-4905.5
3444	9.4	102047.6	-4957.9	3534	10.0	102650.9	-4912.3	3624	10.0	103330.8	-4924.7
3445	9.8	102050.8	-4925.3	3535	10.0	102659.3	-4912.7	3625	10.0	103337.8	-4920.5
3446	9.8	102054.8	-4944.1	3536	9.7	102710.3	-4936.7	3626	9.6	103337.8	-4916.2
3447	9.5	102057.8	-4901.0	3537	10.0	102711.3	-4956.7	3627	9.0	103347.3	-4952.8
3448	9.4	102103.3	-4914.7	3538	9.0	102716.8	-4959.5	3628	9.6	103400.3	-4912.4
3449	10.0	102103.8	-4904.6	3539	10.0	102719.8	-4912.2	3629	9.7	103405.8	-4945.2
3450	10.0	102107.8	-4907.8	3540	9.6	102723.3	-4905.4	3630	9.4	103407.3	-4924.9
3451	8.9	102108.3	-4927.9	3541	10.0	102725.8	-4957.9	3631	9.8	103411.8	-4912.1
3452	9.8	102109.8	-4927.6	3542	9.7	102728.3	-4922.7	3632	9.0	103417.8	-4919.7
3453	9.8	102114.1	-4901.5	3543	9.8	102730.8	-4956.1	3633	9.6	103421.8	-4917.8
3454	9.7	102114.8	-4905.9	3544	10.0	102732.9	-4957.2	3634	9.5	103425.8	-4906.0
3455	9.2	102127.8	-4925.3	3545	10.0	102733.8	-4906.9	3635	9.5	103434.3	-4918.7
3456	10.0	102128.3	-4936.7	3546	10.0	102739.3	-4925.8	3636	9.8	103439.8	-4917.8
3457	9.8	102129.8	-4926.3	3547	8.5	102739.8	-4929.5	3637	9.7	103440.8	-4942.0
3458	8.8	102130.3	-4914.9	3548	10.0	102739.9	-4924.0	3638	9.7	103446.8	-4907.8
3459	10.0	102131.8	-4948.1	3549	9.8	102742.8	-4952.4	3639	9.4	103449.3	-4950.1
3460	9.7	102132.3	-4932.2	3550	9.8	102747.8	-4929.2	3640	10.0	103502.3	-4921.4
3461	9.8	102159.3	-4937.1	3551	10.0	102749.8	-4903.3	3641	8.6	103509.8	-4926.9
3462	10.0	102159.8	-4929.7	3552	9.6	102752.8	-4939.4	3642	8.8	103512.8	-4904.9
3463	9.7	102159.8	-4929.9	3553	10.0	102808.8	-4905.1	3643	8.9	103519.8	-4920.0
3464	8.7	102201.8	-4938.2	3554	9.8	102809.8	-4940.0	3644	10.0	103520.8	-4954.8
3465	8.8	102201.8	-4922.9	3555	9.8	102810.3	-4922.5	3645	10.0	103527.3	-4908.0
3466	10.0	102201.9	-4904.7	3556	8.7	102810.8	-4916.6	3646	10.0	103533.8	-4942.8
3467	8.4	102202.3	-4909.1	3557	9.6	102811.8	-4933.2	3647	10.0	103548.8	-4929.8
3468	9.0	102204.1	-4902.2	3558	9.8	102817.8	-4944.3	3648	10.0	103549.3	-4924.7
3469	9.8	102206.3	-4916.9	3559	10.0	102823.3	-4915.6	3649	10.0	103549.8	-4938.2
3470	9.6	102220.8	-4938.9	3560	10.0	102823.3	-4934.5	3650	10.0	103552.8	-4910.0
3471	9.7	102221.8	-4925.3	3561	8.6	102845.1	-4936.0	3651	10.0	103558.8	-4955.3
3472	10.0	102227.8	-4944.6	3562	9.5	102854.6	-4913.0	3652	9.7	103600.8	-4949.1
3473	10.0	102229.8	-4930.7	3563	8.9	102904.6	-4932.2	3653	9.8	103610.3	-4926.3
3474	9.7	102232.8	-4932.1	3564	9.6	102918.6	-4924.3	3654	9.3	103612.3	-4923.0
3475	9.7	102237.8	-4936.7	3565	8.9	102920.1	-4936.6	3655	10.0	103617.8	-4900.9
3476	8.8	102241.3	-4940.0	3566	9.7	102926.6	-4932.4	3656	10.0	103618.8	-4952.9
3477	9.8	102242.3	-4945.1	3567	9.5	102931.1	-4915.2	3657	8.7	103635.8	-4935.2
3478	8.8	102248.8	-4918.9	3568	10.0	102936.1	-4944.0	3658	10.0	103644.3	-4932.5
3479	10.0	102258.3	-4956.2	3569	8.4	102944.1	-4947.8	3659	9.2	103654.8	-4931.8
3480	8.5	102311.3	-4936.5	3570	10.0	102947.1	-4946.4	3660	9.3	103706.8	-4933.0
3481	10.0	102319.8	-4920.4	3571	9.5	102949.6	-4921.3	3661	9.0	103715.8	-4953.3
3482	9.8	102319.8	-4903.5	3572	9.8	102949.7	-4957.6	3662	10.0	103718.8	-4915.3
3483	10.0	102327.9	-4920.3	3573	9.8	102950.1	-4908.9	3663	9.8	103721.8	-4942.0
3484	9.5	102329.8	-4924.5	3574	9.8	102951.1	-4911.5	3664	9.6	103744.3	-4951.9
3485	9.4	102330.3	-4952.0	3575	10.0	103002.6	-4948.7	3665	9.8	103749.8	-4943.1
3486	10.0	102338.8	-4951.1	3576	8.6	103014.6	-4931.8	3666	9.4	103750.8	-4930.7
3487	10.0	102341.3	-4934.0	3577	9.8	103014.6	-4947.9	3667	10.0	103800.3	-4923.9
3488	9.5	102347.8	-4941.5	3578	8.8	103015.6	-4906.7	3668	9.8	103803.3	-4941.0
3489	9.3	102348.3	-4900.1	3579	9.8	103016.1	-4940.7	3669	9.6	103805.3	-4903.4
3490	9.4	102348.3	-4931.1	3580	9.8	103017.1	-4903.7	3670	9.6	103806.8	-4908.4
3491	10.0	102349.3	-4948.5	3581	10.0	103018.1	-4917.5	3671	9.7	103806.8	-4910.2
3492	8.6	102349.8	-4912.6	3582	9.2	103018.6	-4952.7	3672	10.0	103811.3	-4939.1
3493	9.5	102350.8	-4932.1	3583	9.8	103020.1	-4921.8	3673	9.5	103814.8	-4933.7
3494	9.5	102357.8	-4919.0	3584	10.0	103020.6	-4940.7	3674	9.7	103827.8	-4943.2
3495	9.2	102359.3	-4927.7	3585	10.0	103022.6	-4932.6	3675	9.8	103830.8	-4947.1
3496	10.0	102359.8	-4954.3	3586	9.5	103026.6	-4931.3	3676	9.7	103837.8	-4912.0
3497	9.5	102400.3	-4951.2	3587	10.0	103028.6	-4926.2	3677	9.6	103840.3	-4941.3
3498	9.6	102412.3	-4915.0	3588	8.9	103040.1	-4929.7	3678	9.0	103844.3	-4919.2
3499	8.9	102418.8	-4955.9	3589	8.9	103040.6	-4920.0	3679	9.8	103848.8	-4917.9
3500	9.8	102420.3	-4950.9	3590	10.0	103042.6	-4906.3	3680	10.0	103850.8	-4958.3
3501	10.0	102422.3	-4921.3	3591	10.0	103048.1	-4920.1	3681	9.5	103857.5	-4958.6
3502	9.3	102439.3	-4953.2	3592	9.7	103050.1	-4909.5	3682	8.6	103859.3	-4911.1
3503	10.0	102454.8	-4943.9	3593	8.9	103104.1	-4929.9	3683	8.9	103900.3	-4904.8
3504	10.0	102459.3	-4916.8	3594	9.8	103112.1	-4943.0	3684	10.0	103904.3	-4952.5
3505	10.0	102500.3	-4916.5	3595	9.0	103119.1	-4959.7	3685	10.0	103910.3	-4906.0
3506	9.5	102510.3	-4954.4	3596	10.0	103132.1	-4956.4	3686	10.0	103915.8	-4937.8
3507	9.8	102510.3	-4931.8	3597	9.0	103133.6	-4910.5	3687	9.4	103917.8	-4914.4
3508	9.8	102514.8	-4937.9	3598	9.4	103147.6	-4956.1	3688	9.0	103918.8	-4903.1
3509	9.6	102516.3	-4910.2	3599	9.4	103150.1	-4913.3	3689	10.0	103922.8	-4912.3
3510	9.8	102522.3	-4921.5	3600	9.8	103200.6	-4912.9	3690	9.4	103939.3	-4939.4
3511	9.8	102526.8	-4930.0	3601	10.0	103202.1	-4930.5	3691	9.4	103943.3	-4903.8
3512	9.3	102529.8	-4917.9	3602	9.4	103210.1	-4933.3	3692	8.6	103945.3	-4917.3
3513	9.8	102529.8	-4950.8	3603	9.6	103213.6	-4944.1	3693	9.8	103948.8	-4927.2
3514	10.0	102529.9	-4952.2	3604	9.6	103215.6	-4940.9	3694	9.5	103952.2	-4905.5
3515	9.7	102532.3	-4929.7	3605	10.0	103230.1	-4905.7	3695	9.0	104007.7	-4946.9
3516	9.4	102537.3	-4926.6	3606	9.8	103231.1	-4939.2	3696	9.4	104017.7	-4924.1
3517	9.4	102545.6	-4957.0	3607	10.0	103239.6	-4905.6	3697	10.0	104017.7	-4906.6
3518	10.0	102558.3	-4921.1	3608	9.4	103242.1	-4922.3	3698	10.0	104019.7	-4921.6
3519	10.0	102558.3	-4926.4	3609	10.0	103244.1	-4942.0	3699	9.8	104022.7	-4906.8
3520	10.0	102559.3	-4941.0	3610	10.0	103245.1	-4912.1	3700	10.0	104026.7	-4921.0
3521	10.0	102600.8	-4942.9	3611	9.5	103246.1	-4951.1	3701	10.0	104046.2	-4929.1
3522	9.8	102602.8	-4909.0	3612	9.6	103257.1	-4925.1	3702	8.8	104049.7	-4944.6
3523	9.4	102609.8	-4909.6	3613	9.8	103257.6	-4910.9	3703	9.4	104059.7	-4944.2
3524	9.7	102610.3	-4944.6	3614	10.0	103300.1	-4924.7	3704	9.8	104105.7	-4909.1
3525	9.4	102617.3	-4900.6	3615	10.0	103302.1	-4912.7	3705	10.0	104107.7	-4949.9
3526	9.6	102618.3	-4951.4	3616	10.0	103305.8	-4936.0	3706	10.0	104108.7	-4935.4
3527	9.6	102619.3	-4918.6	3617	10.0	103306.3	-4911.2	3707	9.8	104110.9	-4900.7
3528	9.8	102630.2	-4901.1	3618	10.0	103311.8	-4946.9	3708	9.5	104111.2	-4923.7
3529	10.0	102633.3	-4936.8	3619	10.0	103314.3	-4925.0	3709	10.0	104111.2	-4906.9
3710	9.8	104114.2	-4932.3								
3711	9.8	104116.2	-4917.0								
3712	9.8	104118.7	-4955.2								
3713	9.8	104119.2	-4916.9								
3714	9.5	104121.6	-4956.7								
3715	10.0	104121.9	-4958.0								
3716	9.4	104132.7	-4928.9								
3717	9.0	104137.7	-4955.6								
3718	10.0	104138.7	-4957.9								
3719	10.0	104141.7	-4909.0								
3720	8.6	104155.2	-4940.9								
3721	9.4	104158.2	-4922.6								
3722	9.6	104207.2	-4919.6								
3723	9.6	104207.2	-4913.3								
3724	10.0	104216.7	-4947.1								
3725	10.0	104227.2	-4928.9								
3726	10.0	104241.7	-4905.5								
3727	8.9	104243.7	-4942.6								
3728	9.6	104245.7	-4943.9								
3729	9.8	104246.2	-4916.7								
3730	10.0	104249.7	-4901.6								
3731	9.5	104255.7	-4913.8								
3732	9.6	104257.2	-4946.1								
3733	9.6	104300.2	-4928.8								
3734	10.0	104319.2	-4902.6								
3735	9.4	104321.7	-4911.5								
3736	9.5	104324.7	-4955.7								
3737	9.5	104329.2	-4942.6								
3738	9.4	104331.7	-4921.1								
3739	9.4	104337.2	-4909.9								
3740	8.7	104337.5	-4900.6								
3741	9.8	104345.7	-4932.3								
3742	10.0	104346.7	-4935.4								
3743	9.8	104351.2	-4926.0								
3744	9.8	104351.2	-4920.8								
3745	8.4	104353.7	-4936.5								
3746	9.8	104403.7	-4932.9								
3747	10.0	104405.7	-4952.2								
3748	10.0	104406.7	-4907.2								
3749	10.0	104416.7	-4944.3								
3750	9.4	104416.7	-4932.7								
3751	9.8	104418.7	-4956.3								
3752	9.8	104419.2	-4930.7								
3753	9.2	104421.2	-4934.6								
3754	9.4	104422.1	-4959.9								
3755	9.4	104423.9	-4949.7								
3756	10.0	104425.7	-4906.1								
3757	10.0	104432.9	-4952.9								
3758	10.0	104440.9	-4935.8								
3759	9.5	104441.2	-4948.9								
3760	9.5	104458.1	-4921.3								
3761	10.3	104501.0	-4956.7								
3762	10.2	104501.8	-4952.9								
3763	10.0	104503.6	-4953.2								
3764	10.0	104507.5	-4952.6								
3765	8.7	104511.1	-4956.5								
3766	9.4	104511.5	-4916.0								
3767	10.3	104513.1	-4937.7								
3768	10.2	104515.5	-4957.0								
3769	9.8	104516.1	-4901.6								
3770	9.9	104516.8	-4921.9								
3771	8.6	104522.0	-4951.4								
3772	10.2	104532.0	-4949.9								
3773	10.2	104533.0	-4932.7								
3774	9.8	104535.1	-4931.8								
3775	10.3	104535.9	-4918.4								
3776	10.0	104538.0	-4936.8								
3777	10.3	104551.5	-4909.8								
3778	9.4	104600.0	-4924.7								
3779	10.3	104601.0	-4944.4								
3780	10.2	104602.5	-4947.9								
3781	10.2	104620.0	-4930.0								
3782	9.8	104629.0	-4931.0								
3783	10.0	104634.0	-4945.1								
3784	9.9	104638.0	-4945.2								
3785	10.2	104648.5	-4934.5								
3786	9.5	104650.0	-4914.6								
3787	10.2	104652.0	-4952.1								
3788	10.0	104700.0	-4911.2								
3789	9.8	104713.0	-4918.9								
3790	9.6	104714.0	-4932.6								
3791	10.0	104737.0	-4914.4								
3792	10.2	104749.0	-4959.8								
3793	10.0	104751.0	-4924.2								
3794	9.6	104751.0	-4945.1								
3795	8.3	104756.5	-4955.6								
3796	8.6	104801.5	-4957.9								
3797	10.0	104815.5	-4910.6								
3798	10.0	104821.5	-4904.1								
3799	9.8	104825.5	-4932.0								

-49 3800 10h48m

-49 4159 11h13m

3800	10.2	104830.0	-4919.6	3890	10.2	105450.8	-4939.3	3980	9.4	110235.1	-4925.6
3801	10.3	104848.0	-4911.7	3891	10.3	105451.3	-4902.2	3981	10.3	110241.1	-4912.4
3802	10.0	104851.5	-4932.8	3892	10.2	105457.8	-4909.2	3982	10.2	110244.6	-4909.1
3803	8.9	104901.5	-4907.8	3893	8.6	105500.8	-4941.8	3983	9.8	110245.1	-4954.7
3804	10.3	104909.5	-4921.7	3894	8.8	105513.8	-4945.6	3984	10.0	110251.1	-4947.4
3805	10.3	104910.5	-4922.3	3895	10.3	105529.8	-4904.8	3985	10.2	110252.1	-4934.4
3806	10.3	104911.5	-4925.9	3896	9.4	105530.3	-4947.2	3986	8.7	110252.6	-4949.4
3807	10.0	104914.0	-4927.3	3897	10.0	105533.3	-4927.0	3987	10.2	110259.6	-4945.1
3808	9.8	104917.5	-4934.5	3898	10.0	105536.3	-4947.7	3988	10.0	110302.5	-4958.5
3809	9.3	104921.5	-4955.8	3899	10.0	105540.8	-4928.8	3989	9.8	110303.1	-4901.4
3810	10.3	104921.5	-4959.8	3900	10.3	105545.8	-4946.2	3990	9.8	110306.6	-4956.3
3811	10.3	104923.5	-4937.8	3901	9.4	105600.8	-4944.8	3991	10.0	110310.2	-4902.3
3812	10.3	104926.5	-4923.8	3902	10.2	105601.3	-4907.0	3992	9.8	110313.6	-4900.4
3813	9.4	104928.1	-4957.9	3903	10.0	105601.8	-4903.8	3993	10.3	110313.6	-4918.0
3814	9.6	104931.0	-4913.7	3904	10.0	105603.8	-4910.3	3994	10.2	110314.4	-4900.0
3815	10.2	104931.5	-4912.8	3905	9.8	105610.8	-4922.2	3995	9.8	110314.6	-4921.6
3816	10.0	104942.0	-4911.4	3906	10.2	105611.8	-4931.4	3996	9.4	110319.6	-4936.4
3817	10.2	104942.5	-4915.2	3907	9.4	105615.3	-4942.8	3997	10.0	110321.6	-4936.1
3818	10.2	104944.0	-4914.5	3908	10.3	105619.8	-4921.1	3998	10.3	110330.6	-4926.9
3819	9.4	105001.0	-4912.3	3909	9.6	105622.3	-4929.9	3999	9.5	110333.1	-4939.0
3820	9.8	105004.0	-4933.6	3910	9.6	105623.8	-4939.0	4000	10.3	110335.1	-4927.3
3821	10.3	105007.5	-4915.9	3911	9.0	105630.8	-4946.9	4001	10.0	110339.6	-4908.7
3822	10.0	105017.5	-4949.2	3912	9.4	105635.8	-4918.8	4002	10.2	110349.6	-4955.0
3823	8.9	105019.5	-4944.5	3913	9.6	105640.8	-4953.3	4003	10.0	110352.1	-4912.1
3824	9.2	105023.5	-4906.7	3914	10.3	105652.8	-4948.0	4004	10.0	110353.1	-4950.7
3825	8.6	105025.5	-4937.1	3915	9.4	105659.8	-4906.1	4005	9.6	110402.1	-4950.5
3826	10.0	105025.5	-4917.3	3916	10.0	105701.3	-4911.6	4006	9.4	110402.1	-4955.0
3827	10.3	105031.0	-4936.1	3917	9.5	105701.3	-4924.9	4007	10.2	110407.1	-4942.7
3828	10.3	105032.5	-4937.7	3918	9.5	105701.8	-4907.7	4008	9.8	110411.1	-4940.9
3829	9.5	105033.5	-4911.5	3919	10.0	105705.3	-4940.5	4009	10.0	110419.3	-4926.5
3830	10.0	105040.0	-4938.5	3920	9.0	105706.3	-4939.5	4010	9.8	110419.3	-4914.4
3831	8.8	105044.0	-4925.0	3921	8.5	105710.3	-4945.4	4011	8.8	110423.3	-4921.1
3832	10.2	105052.5	-4919.5	3922	8.4	105714.8	-4927.8	4012	9.6	110427.3	-4908.8
3833	10.0	105101.0	-4924.9	3923	9.8	105715.8	-4945.6	4013	10.0	110433.8	-4951.5
3834	8.4	105101.5	-4935.5	3924	9.6	105720.8	-4946.8	4014	9.6	110438.3	-4927.3
3835	10.2	105102.5	-4929.9	3925	10.0	105726.2	-4957.9	4015	10.3	110444.3	-4916.3
3836	10.2	105108.0	-4957.4	3926	10.3	105728.3	-4918.5	4016	9.8	110445.3	-4945.9
3837	7.5	105112.0	-4956.4	3927	10.3	105741.3	-4921.6	4017	9.6	110447.8	-4917.5
3838	9.8	105121.0	-4921.3	3928	9.8	105751.3	-4910.6	4018	10.0	110502.3	-4916.5
3839	10.3	105126.0	-4952.0	3929	9.4	105801.3	-4925.4	4019	9.4	110503.3	-4926.7
3840	8.4	105141.5	-4904.2	3930	9.5	105811.3	-4951.1	4020	10.2	110505.8	-4957.6
3841	9.4	105146.0	-4910.7	3931	9.8	105812.3	-4902.1	4021	9.4	110510.3	-4936.5
3842	9.8	105146.5	-4926.8	3932	10.2	105820.8	-4948.1	4022	10.2	110512.3	-4920.2
3843	10.3	105152.0	-4929.9	3933	10.2	105821.5	-4957.6	4023	10.2	110522.1	-4900.6
3844	10.0	105152.5	-4912.4	3934	9.0	105823.8	-4914.9	4024	9.6	110522.3	-4953.7
3845	9.8	105159.0	-4908.8	3935	9.8	105824.3	-4902.6	4025	10.3	110522.3	-4931.6
3846	10.0	105200.0	-4920.9	3936	9.8	105829.8	-4906.9	4026	10.2	110526.8	-4938.6
3847	9.8	105200.5	-4929.8	3937	9.8	105830.3	-4933.9	4027	10.3	110527.8	-4929.9
3848	9.8	105201.0	-4905.5	3938	10.0	105836.4	-4959.2	4028	9.6	110531.3	-4907.3
3849	10.0	105209.0	-4955.5	3939	9.8	105839.8	-4905.0	4029	9.0	110533.3	-4928.8
3850	9.6	105210.0	-4944.5	3940	10.0	105843.3	-4925.1	4030	9.4	110536.8	-4921.8
3851	10.0	105211.0	-4923.0	3941	9.6	105848.3	-4955.8	4031	10.0	110540.3	-4935.3
3852	10.0	105214.5	-4948.4	3942	10.0	105852.3	-4905.0	4032	10.2	110542.3	-4914.4
3853	9.8	105218.5	-4953.8	3943	9.6	105900.8	-4931.7	4033	9.5	110544.8	-4951.5
3854	10.0	105219.0	-4952.8	3944	9.0	105903.8	-4906.9	4034	7.9	110545.3	-4929.4
3855	9.8	105221.0	-4946.7	3945	8.9	105904.3	-4938.4	4035	9.4	110546.8	-4947.0
3856	9.8	105221.0	-4937.8	3946	9.8	105904.3	-4913.0	4036	9.4	110547.8	-4923.7
3857	9.6	105229.5	-4950.8	3947	9.8	105905.8	-4908.9	4037	10.2	110550.3	-4916.3
3858	9.4	105231.5	-4911.5	3948	9.6	105911.8	-4903.5	4038	10.3	110552.8	-4916.4
3859	10.3	105235.5	-4904.0	3949	9.8	105940.3	-4926.1	4039	8.1	110553.3	-4915.5
3860	10.0	105239.5	-4948.5	3950	9.8	105941.3	-4902.2	4040	9.8	110553.8	-4922.9
3861	10.0	105239.5	-4949.8	3951	10.0	105941.8	-4949.9	4041	9.8	110559.3	-4932.3
3862	10.3	105249.6	-4959.9	3952	10.3	105951.3	-4911.5	4042	10.0	110559.8	-4953.7
3863	10.2	105251.0	-4914.8	3953	10.3	105953.8	-4956.1	4043	10.2	110600.8	-4928.9
3864	10.2	105251.5	-4911.2	3954	10.2	110000.8	-4929.2	4044	10.2	110607.3	-4944.3
3865	9.6	105253.0	-4925.0	3955	8.3	110002.3	-4952.7	4045	9.8	110610.8	-4918.5
3866	10.0	105301.0	-4902.4	3956	8.9	110012.3	-4917.1	4046	10.0	110612.8	-4939.3
3867	9.2	105301.0	-4945.4	3957	10.3	110028.2	-4924.0	4047	9.8	110620.3	-4924.9
3868	10.2	105305.0	-4946.3	3958	9.8	110030.8	-4917.2	4048	10.0	110624.3	-4907.7
3869	10.2	105310.5	-4959.0	3959	9.6	110041.3	-4935.8	4049	9.4	110631.8	-4911.1
3870	10.3	105313.3	-4948.0	3960	8.2	110043.3	-4946.3	4050	9.8	110633.3	-4909.1
3871	10.3	105321.3	-4914.5	3961	10.2	110046.8	-4924.5	4051	8.4	110640.3	-4908.1
3872	8.6	105321.3	-4936.2	3962	8.7	110048.8	-4925.7	4052	10.2	110651.9	-4949.4
3873	10.3	105322.3	-4942.1	3963	10.2	110110.8	-4900.0	4053	10.0	110658.4	-4908.0
3874	10.2	105328.8	-4905.0	3964	9.8	110115.8	-4906.9	4054	9.6	110700.8	-4959.0
3875	10.2	105333.8	-4944.2	3965	9.6	110123.3	-4950.9	4055	7.6	110714.9	-4903.5
3876	9.4	105338.8	-4953.4	3966	9.5	110130.8	-4912.4	4056	9.6	110715.9	-4929.8
3877	9.8	105340.8	-4908.8	3967	10.0	110131.8	-4902.4	4057	10.2	110719.4	-4940.0
3878	10.0	105344.8	-4953.2	3968	9.3	110147.9	-4959.7	4058	9.6	110720.4	-4926.2
3879	10.3	105400.8	-4909.3	3969	10.3	110149.8	-4957.8	4059	9.3	110727.4	-4904.8
3880	10.2	105409.8	-4906.6	3970	10.2	110151.8	-4923.9	4060	9.5	110734.4	-4946.1
3881	8.6	105416.6	-4901.8	3971	10.3	110159.8	-4946.4	4061	9.4	110735.4	-4925.0
3882	10.0	105417.3	-4959.7	3972	8.5	110200.8	-4916.3	4062	10.0	110735.9	-4945.7
3883	9.3	105422.8	-4937.1	3973	9.4	110202.3	-4927.4	4063	7.6	110736.9	-4926.6
3884	10.3	105423.3	-4945.1	3974	10.0	110203.6	-4906.5	4064	10.0	110741.4	-4949.8
3885	10.3	105432.3	-4906.6	3975	9.8	110209.6	-4936.8	4065	10.2	110744.9	-4949.5
3886	8.4	105438.8	-4949.4	3976	8.9	110217.1	-4951.9	4066	9.8	110746.4	-4906.4
3887	9.3	105440.3	-4932.0	3977	10.0	110221.1	-4915.4	4067	9.6	110752.4	-4913.5
3888	10.0	105448.3	-4929.1	3978	10.0	110222.1	-4927.9	4068	10.2	110753.9	-4940.7
3889	10.0	105449.8	-4948.7	3979	10.0	110222.6	-4909.4	4069	9.3	110757.9	-4919.0
4070	9.6	110758.9	-4933.3								
4071	9.1	110800.9	-4924.3								
4072	10.3	110806.9	-4914.4								
4073	9.0	110810.4	-4919.2								
4074	10.2	110810.4	-4916.2								
4075	9.2	110812.9	-4917.9								
4076	9.8	110818.9	-4904.6								
4077	10.2	110819.9	-4928.1								
4078	9.6	110820.4	-4911.1								
4079	10.3	110827.4	-4954.3								
4080	10.2	110827.9	-4906.2								
4081	10.2	110829.4	-4918.0								
4082	9.8	110832.4	-4947.3								
4083	9.8	110836.4	-4952.2								
4084	10.0	110836.4	-4952.5								
4085	10.0	110843.8	-4959.8								
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4087	9.8	110847.9	-4945.0								
4088	10.2	110849.9	-4936.7								
4089	10.2	110858.4	-4951.9								
4090	8.7	110902.4	-4913.2								
4091	10.0	110927.4	-4958.9								
4092	9.8	110929.7	-4939.8								
4093	9.8	110932.7	-4926.9								
4094	9.8	110939.7	-4934.6								
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4098	10.0	111014.7	-4937.1								
4099	10.2	111015.7	-4904.5								
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4102	10.3	111028.2	-4912.0								
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4108	10.0	111041.7	-4919.3								
4109	10.0	111042.7	-4912.0								
4110	10.3	111043.7	-4920.8								
4111	10.0	111048.2	-4917.3								
4112	10.2	111052.2	-4937.7								
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4116	9.6	111103.2	-4933.4								
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4118	10.3	111110.7	-4931.5								
4119	9.8	111117.7	-4931.3								
4120	9.8	111121.2	-4933.5								
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4122	10.3	111124.5	-4958.3								
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4131	9.8	111203.9	-4940.0								
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4139	9.8	111231.9	-4925.8								
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4148	10.0	111258.9	-4903.2								
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4153	9.4	111304.4	-4904.5								
4154	10.2	111305.6	-4901.7								
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4156	10.2	111321.4	-4958.8								
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4158	9.8	111332.9	-4900.8								
4159	10.0	111339.4	-4959.8								

4160	9.3	111344.4	-4949.0	4250	9.2	112045.1	-4910.6	4340	9.5	112729.5	-4912.5	4430	9.2	113443.8	-4957.5
4161	10.2	111347.4	-4945.5	4251	9.5	112050.1	-4943.8	4341	8.0	112750.5	-4944.6	4431	9.4	113503.5	-4942.4
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4164	10.3	111409.6	-4910.9	4254	9.5	112101.6	-4948.3	4344	9.9	112759.5	-4907.2	4434	8.4	113508.5	-4930.0
4165	9.3	111416.1	-4947.6	4255	9.9	112114.1	-4915.5	4345	9.7	112800.0	-4935.9	4435	8.5	113514.0	-4930.6
4166	9.2	111416.1	-4920.6	4256	9.9	112115.1	-4954.2	4346	9.8	112805.0	-4951.3	4436	9.8	113516.0	-4913.9
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4170	9.8	111430.8	-4922.7	4260	9.6	112134.3	-4920.3	4350	9.7	112822.0	-4933.6	4440	9.8	113527.0	-4905.4
4171	10.0	111434.6	-4959.6	4261	9.6	112135.8	-4933.5	4351	9.9	112830.0	-4922.4	4441	9.9	113529.0	-4949.4
4172	10.0	111441.8	-4954.9	4262	9.2	112136.3	-4951.5	4352	9.4	112835.0	-4932.0	4442	9.9	113531.0	-4909.4
4173	10.0	111451.3	-4926.9	4263	9.3	112138.3	-4920.9	4353	9.8	112848.5	-4955.4	4443	9.6	113539.5	-4946.6
4174	10.2	111453.6	-4953.2	4264	9.4	112143.3	-4933.1	4354	9.4	112855.0	-4917.4	4444	9.9	113539.5	-4912.0
4175	10.3	111501.6	-4943.4	4265	9.6	112158.3	-4903.7	4355	9.6	112859.5	-4917.7	4445	8.1	113541.0	-4956.1
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4177	10.3	111505.1	-4938.8	4267	9.2	112206.8	-4917.4	4357	9.7	112905.0	-4913.3	4447	9.8	113556.0	-4922.3
4178	10.2	111509.6	-4914.8	4268	9.8	112213.8	-4950.7	4358	9.8	112910.0	-4946.7	4448	9.8	113600.0	-4925.5
4179	10.3	111511.1	-4922.9	4269	9.7	112216.3	-4943.9	4359	9.7	112920.5	-4932.0	4449	9.8	113608.0	-4939.1
4180	9.1	111517.9	-4949.2	4270	9.1	112221.3	-4950.4	4360	9.0	112931.0	-4907.8	4450	9.5	113608.5	-4921.4
4181	10.2	111528.6	-4937.6	4271	9.7	112227.8	-4951.0	4361	9.7	112938.5	-4925.4	4451	9.6	113620.5	-4922.1
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4188	8.9	111551.5	-4900.9	4278	9.8	112235.8	-4945.9	4368	9.5	113024.5	-4923.2	4458	9.9	113706.5	-4907.2
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4192	8.7	111624.6	-4927.3	4282	9.7	112302.6	-4958.6	4372	9.6	113043.0	-4927.8	4462	9.9	113747.0	-4924.9
4193	8.2	111627.6	-4914.3	4283	9.7	112304.3	-4929.7	4373	9.6	113044.5	-4926.9	4463	9.9	113751.0	-4926.9
4194	9.0	111637.6	-4907.1	4284	9.7	112304.3	-4953.6	4374	9.2	113051.5	-4904.0	4464	9.2	113759.0	-4927.8
4195	8.9	111639.6	-4936.1	4285	9.8	112304.3	-4958.2	4375	9.8	113054.0	-4941.9	4465	9.2	113810.0	-4902.3
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4198	9.9	111649.6	-4914.9	4288	9.9	112319.8	-4931.0	4378	9.2	113103.5	-4944.9	4468	9.2	113820.0	-4908.9
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4201	9.5	111700.1	-4904.1	4291	9.6	112335.8	-4933.5	4381	9.9	113109.5	-4943.1	4471	9.9	113840.0	-4952.9
4202	9.6	111701.6	-4925.9	4292	9.9	112336.3	-4927.0	4382	9.6	113115.0	-4950.2	4472	9.6	113842.0	-4917.2
4203	9.9	111702.1	-4927.6	4293	9.5	112338.6	-4959.3	4383	9.6	113115.0	-4906.3	4473	9.9	113851.0	-4911.5
4204	9.4	111709.6	-4908.1	4294	9.5	112341.3	-4929.2	4384	8.9	113116.0	-4916.4	4474	9.1	113902.0	-4956.3
4205	9.9	111711.6	-4940.9	4295	9.7	112344.8	-4917.9	4385	9.9	113131.0	-4936.1	4475	9.3	113906.0	-4919.8
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4207	9.8	111737.6	-4915.3	4297	9.7	112401.8	-4925.0	4387	9.9	113136.5	-4940.0	4477	9.4	113914.0	-4918.3
4208	8.7	111746.6	-4941.9	4298	9.7	112401.8	-4941.3	4388	8.8	113140.0	-4952.8	4478	9.9	113916.5	-4928.2
4209	8.4	111749.6	-4922.5	4299	9.7	112402.6	-4958.5	4389	9.9	113147.0	-4943.1	4479	8.0	113932.0	-4909.4
4210	8.9	111749.6	-4909.3	4300	9.5	112421.8	-4943.8	4390	9.4	113148.5	-4948.2	4480	8.1	113944.0	-4915.2
4211	9.8	111749.6	-4942.6	4301	9.2	112422.0	-4905.9	4391	9.6	113149.0	-4955.0	4481	9.7	113950.0	-4958.6
4212	9.0	111753.6	-4953.1	4302	8.6	112439.0	-4948.8	4392	9.1	113150.0	-4906.1	4482	9.6	113957.0	-4907.6
4213	9.9	111753.6	-4954.5	4303	9.7	112441.0	-4940.0	4393	9.7	113155.0	-4950.5	4483	9.9	114014.5	-4936.5
4214	9.9	111754.6	-4915.3	4304	9.9	112446.5	-4900.9	4394	9.7	113159.5	-4958.3	4484	9.7	114018.5	-4925.5
4215	9.4	111803.6	-4932.5	4305	9.8	112448.0	-4904.7	4395	9.4	113200.0	-4900.0	4485	9.9	114018.8	-4901.2
4216	9.6	111809.6	-4923.7	4306	9.9	112501.5	-4930.0	4396	9.9	113217.5	-4935.6	4486	9.9	114021.5	-4936.5
4217	9.8	111814.6	-4904.7	4307	9.7	112507.0	-4943.9	4397	9.2	113220.0	-4929.7	4487	9.9	114027.0	-4945.6
4218	9.8	111815.6	-4908.4	4308	9.4	112507.5	-4935.6	4398	9.8	113222.0	-4932.7	4488	9.5	114045.5	-4929.8
4219	9.8	111818.6	-4956.1	4309	9.6	112515.5	-4912.9	4399	9.2	113222.0	-4930.4	4489	9.5	114047.0	-4911.9
4220	9.7	111824.1	-4951.9	4310	9.9	112532.5	-4913.2	4400	9.6	113225.0	-4927.5	4490	9.5	114048.5	-4931.1
4221	9.7	111828.6	-4928.7	4311	9.6	112536.6	-4958.7	4401	9.6	113228.0	-4943.2	4491	9.8	114049.0	-4938.2
4222	9.9	111833.1	-4927.0	4312	9.9	112551.5	-4937.9	4402	8.9	113237.5	-4939.6	4492	9.4	114110.0	-4949.9
4223	9.6	111838.1	-4913.0	4313	9.9	112553.5	-4942.0	4403	9.9	113244.0	-4915.7	4493	9.5	114111.0	-4931.0
4224	9.6	111839.6	-4921.0	4314	9.9	112554.5	-4941.2	4404	9.7	113248.5	-4915.4	4494	8.8	114114.0	-4911.3
4225	9.9	111847.1	-4918.3	4315	9.4	112558.5	-4917.8	4405	9.7	113249.5	-4928.3	4495	9.6	114115.0	-4944.6
4226	9.9	111850.6	-4928.0	4316	9.6	112559.5	-4930.4	4406	9.7	113250.0	-4945.2	4496	9.6	114121.5	-4940.5
4227	9.9	111853.6	-4925.5	4317	9.9	112608.5	-4906.5	4407	9.6	113254.7	-4927.7	4497	9.6	114122.0	-4913.9
4228	9.8	111901.6	-4954.6	4318	9.6	112610.0	-4924.5	4408	9.9	113300.0	-4908.2	4498	9.5	114127.5	-4937.0
4229	9.4	111903.1	-4921.9	4319	9.4	112611.0	-4918.7	4409	9.7	113300.5	-4908.6	4499	9.6	114128.0	-4949.4
4230	9.8	111904.5	-4941.8	4320	9.9	112618.0	-4917.6	4410	9.7	113305.0	-4919.1	4500	9.9	114130.0	-4917.1
4231	9.6	111911.1	-4950.6	4321	8.8	112621.5	-4915.4	4411	9.9	113316.5	-4933.9	4501	9.9	114133.5	-4922.9
4232	9.6	111914.1	-4943.6	4322	9.6	112623.5	-4941.1	4412	9.9	113330.0	-4930.0	4502	9.4	114148.0	-4913.9
4233	9.6	111921.6	-4944.7	4323	8.4	112631.5	-4920.9	4413	9.2	113345.0	-4948.5	4503	9.7	114149.0	-4946.3
4234	9.4	111921.6	-4950.9	4324	9.7	112631.5	-4936.8	4414	9.4	113347.5	-4907.2	4504	9.7	114151.5	-4934.9
4235	9.9	111927.6	-4954.5	4325	9.9	112632.0	-4901.2	4415	9.6	113348.5	-4936.0	4505	9.7	114158.0	-4909.5
4236	9.0	111928.1	-4908.2	4326	9.4	112637.5	-4912.3	4416	9.9	113350.0	-4908.7	4506	9.9	114159.0	-4956.1
4237	9.1	111938.6	-4942.6	4327	9.6	112637.5	-4947.0	4417	7.6	113350.0	-4947.7	4507	9.7	114202.0	-4950.1
4238	9.0	111939.6	-4937.9	4328	8.2	112645.0	-4950.5	4418	9.6	113351.0	-4948.7	4508	9.7	114202.5	-4949.9
4239	9.9	111943.0	-4943.2	4329	9.0	112650.0	-4954.8	4419	9.5	113353.5	-4910.2	4509	8.1	114202.5	-4917.9
4240	8.9	111949.1	-4943.6	4330	9.7	112650.0	-4923.6	4420	9.3	113354.5	-4947.5	4510	9.9	114205.0	-4937.4
4241	9.9	111953.6	-4930.6	4331	9.6	112651.0	-4956.9	4421	9.7	113355.0	-4929.5	4511	9.6	114209.5	-4915.6
4242	9.9	111956.6	-4904.4	4332	9.3	112701.0	-4937.9	4422	9.6	113356.5	-4922.1	4512	9.7	114218.0	-4907.3
4243	9.9	111958.6	-4938.8	4333	9.0	112705.5	-4906.1	4423	9.3	113357.0	-4944.7	4513	9.7	114227.5	-4912.3
4244	9.8	112001.6	-4931.5	4334	9.6	112713.0	-4949.9	4424	9.6	113359.5	-4930.9	4514	9.5	114237.5	-4913.7
4245	9.9	112002.6	-4937.5	4335	9.2	112720.5	-4940.6	4425	9.6	113408.5	-4909.0	4515	9.5	114239.5	-4914.2
4246	9.7	112004.0	-4959.8	4336	9.7	112720.5	-4951.5	4426	9.4	113412.5	-4948.2	4516	9.7	114240.0	-4926.2
4247	8.4	112027.0	-4926.2	4337	9.9	112721.5	-4910.4	4427	8.9	113414.5	-4934.0	4517	9.6	114244.5	-4905.9
4248	9.8	112033.1	-4904.9	4338	9.4	112725.0	-4922.8	4428	8.5	113430.0	-4930.2	4518	9.7	114250.0	-4938.9
4249	9.9	112043.6	-4914.0	4339	9.9	112727.3	-4957.7	4429	9.6	113442.0	-4935.5	4519	9.6	114251.5	-4923.6

-49 4520 11h43m

-49 4879 12h02m

4520	9.0	114327.5	-4933.2	4610	9.5	114751.1	-4929.7	4700	9.6	115237.3	-4935.0
4521	9.7	114330.0	-4949.3	4611	9.8	114751.1	-4953.3	4701	10.0	115242.8	-4956.7
4522	9.8	114330.0	-4929.4	4612	9.5	114755.1	-4950.7	4702	10.0	115243.8	-4918.1
4523	9.9	114333.5	-4948.7	4613	9.8	114756.1	-4907.9	4703	10.1	115250.8	-4902.4
4524	9.6	114336.8	-4957.1	4614	9.8	114757.9	-4958.0	4704	10.0	115251.8	-4910.2
4525	9.9	114342.0	-4931.6	4615	10.1	114804.1	-4908.0	4705	10.0	115253.3	-4916.4
4526	8.5	114348.0	-4938.2	4616	10.1	114806.1	-4939.3	4706	10.0	115257.3	-4905.0
4527	9.4	114350.0	-4940.2	4617	9.6	114811.1	-4910.3	4707	10.1	115300.8	-4934.0
4528	9.9	114352.5	-4949.4	4618	9.2	114812.6	-4943.8	4708	9.7	115300.8	-4955.0
4529	9.9	114357.3	-4933.5	4619	9.9	114816.1	-4943.1	4709	9.6	115300.8	-4950.0
4530	9.1	114357.5	-4908.9	4620	9.8	114819.1	-4926.5	4710	9.4	115301.8	-4918.3
4531	9.1	114358.0	-4909.1	4621	10.0	114821.6	-4918.7	4711	10.0	115301.9	-4946.5
4532	9.7	114403.0	-4954.7	4622	9.0	114822.6	-4909.6	4712	9.7	115304.3	-4922.2
4533	9.4	114410.0	-4914.9	4623	9.8	114823.6	-4907.1	4713	9.4	115304.3	-4941.8
4534	9.9	114411.5	-4937.5	4624	10.1	114824.6	-4928.6	4714	8.7	115307.3	-4948.4
4535	9.6	114431.0	-4951.6	4625	9.7	114831.1	-4924.9	4715	9.8	115310.8	-4944.0
4536	9.8	114431.8	-4951.4	4626	10.1	114832.1	-4952.3	4716	9.8	115310.8	-4947.0
4537	9.8	114432.3	-4955.1	4627	9.6	114834.1	-4915.7	4717	10.0	115311.3	-4945.5
4538	9.6	114436.6	-4920.9	4628	10.0	114836.1	-4937.2	4718	9.8	115313.3	-4924.5
4539	9.6	114437.1	-4915.2	4629	10.1	114839.6	-4936.9	4719	8.6	115313.8	-4907.2
4540	9.5	114437.3	-4915.5	4630	8.9	114841.1	-4925.0	4720	9.6	115320.8	-4920.9
4541	10.1	114439.1	-4916.4	4631	10.1	114841.6	-4909.6	4721	10.0	115321.8	-4948.0
4542	9.9	114440.6	-4952.1	4632	10.0	114844.6	-4954.0	4722	9.8	115323.1	-4901.8
4543	10.0	114442.1	-4958.6	4633	9.6	114846.1	-4936.0	4723	9.6	115329.8	-4935.2
4544	10.1	114446.1	-4951.3	4634	9.6	114850.1	-4952.9	4724	10.1	115334.8	-4952.6
4545	10.0	114449.1	-4920.1	4635	9.6	114850.1	-4939.7	4725	8.5	115342.8	-4939.8
4546	10.0	114451.8	-4920.5	4636	10.1	114855.1	-4933.5	4726	9.7	115351.8	-4907.0
4547	9.0	114451.6	-4928.3	4637	8.4	114856.6	-4930.4	4727	10.0	115357.8	-4948.0
4548	9.2	114452.6	-4938.6	4638	9.5	114902.1	-4917.6	4728	10.0	115359.3	-4946.0
4549	10.0	114454.2	-4958.2	4639	10.1	114904.1	-4945.5	4729	10.1	115400.8	-4956.1
4550	10.0	114454.6	-4930.1	4640	10.0	114906.6	-4921.4	4730	9.1	115401.7	-4913.8
4551	10.0	114500.2	-4951.5	4641	10.0	114908.1	-4941.0	4731	10.0	115402.7	-4937.4
4552	10.1	114501.1	-4917.8	4642	10.0	114910.1	-4919.6	4732	9.8	115404.7	-4944.6
4553	9.2	114501.1	-4957.2	4643	10.0	114910.1	-4947.5	4733	9.8	115410.7	-4938.0
4554	10.0	114501.3	-4919.2	4644	9.7	114916.1	-4958.6	4734	10.1	115411.7	-4944.2
4555	10.0	114501.4	-4939.2	4645	10.1	114921.1	-4902.3	4735	9.3	115415.7	-4932.2
4556	9.6	114509.8	-4952.5	4646	9.5	114922.6	-4953.9	4736	9.7	115417.2	-4914.0
4557	9.8	114513.8	-4917.8	4647	9.6	114938.6	-4952.6	4737	10.0	115419.7	-4955.6
4558	9.6	114521.3	-4929.0	4648	10.1	114940.6	-4900.1	4738	9.6	115423.2	-4903.8
4559	10.0	114522.1	-4928.6	4649	10.1	114947.1	-4936.5	4739	10.0	115425.7	-4925.1
4560	10.1	114527.2	-4908.3	4650	10.1	114948.5	-4958.7	4740	9.8	115427.7	-4913.8
4561	10.1	114528.6	-4940.9	4651	8.2	114951.6	-4910.0	4741	10.1	115429.2	-4924.0
4562	10.1	114531.1	-4926.7	4652	9.6	114952.1	-4954.1	4742	9.4	115431.2	-4905.2
4563	10.0	114533.1	-4927.1	4653	10.0	115003.6	-4935.5	4743	10.0	115435.7	-4928.9
4564	9.6	114537.0	-4911.0	4654	10.1	115004.6	-4955.5	4744	10.1	115438.7	-4925.9
4565	9.8	114537.2	-4959.4	4655	9.7	115004.8	-4918.3	4745	9.8	115452.2	-4907.2
4566	10.0	114542.1	-4941.9	4656	9.8	115005.8	-4923.0	4746	10.0	115504.7	-4911.5
4567	10.1	114548.6	-4903.9	4657	9.8	115009.8	-4920.8	4747	9.7	115510.7	-4951.2
4568	9.8	114548.6	-4955.4	4658	9.9	115012.8	-4933.8	4748	8.8	115511.2	-4916.6
4569	10.0	114550.1	-4925.2	4659	10.0	115020.8	-4919.9	4749	10.0	115523.2	-4923.1
4570	10.0	114552.1	-4911.1	4660	9.8	115020.8	-4908.8	4750	9.8	115524.2	-4932.0
4571	9.8	114553.1	-4929.5	4661	9.7	115028.8	-4919.2	4751	10.0	115527.2	-4904.6
4572	9.9	114556.1	-4946.2	4662	9.8	115030.8	-4941.2	4752	10.1	115532.5	-4942.1
4573	9.8	114601.6	-4958.9	4663	9.7	115046.3	-4920.4	4753	10.1	115532.7	-4953.8
4574	9.2	114602.1	-4905.3	4664	9.2	115053.3	-4943.4	4754	8.6	115537.2	-4928.0
4575	10.1	114611.6	-4901.5	4665	9.6	115053.8	-4924.0	4755	10.1	115542.5	-4928.1
4576	10.1	114613.1	-4951.9	4666	9.7	115101.3	-4924.7	4756	10.1	115542.7	-4941.2
4577	9.9	114616.1	-4924.4	4667	9.9	115107.3	-4916.4	4757	10.1	115542.7	-4933.1
4578	9.8	114620.1	-4956.6	4668	8.4	115112.3	-4931.5	4758	9.7	115554.7	-4903.4
4579	10.1	114621.7	-4900.8	4669	9.7	115113.3	-4938.9	4759	9.6	115556.2	-4901.6
4580	10.0	114623.6	-4935.0	4670	10.1	115117.8	-4944.6	4760	10.1	115556.2	-4951.8
4581	9.9	114624.1	-4908.2	4671	10.0	115120.8	-4935.2	4761	10.0	115557.7	-4920.2
4582	9.7	114635.6	-4904.9	4672	9.9	115121.8	-4939.6	4762	9.7	115606.2	-4944.6
4583	9.1	114639.1	-4935.9	4673	9.5	115124.3	-4919.6	4763	9.9	115606.7	-4924.2
4584	9.6	114641.3	-4959.8	4674	9.8	115132.8	-4936.4	4764	8.5	115613.7	-4923.3
4585	8.1	114645.6	-4918.7	4675	10.0	115140.3	-4929.6	4765	9.8	115616.2	-4939.8
4586	9.4	114647.1	-4959.1	4676	10.0	115140.8	-4915.0	4766	10.0	115616.2	-4908.4
4587	9.9	114648.6	-4919.0	4677	9.8	115142.3	-4942.6	4767	10.0	115624.2	-4908.2
4588	10.0	114651.1	-4918.3	4678	9.9	115147.3	-4925.0	4768	10.1	115624.2	-4939.4
4589	10.1	114701.1	-4919.3	4679	9.5	115149.8	-4917.8	4769	9.6	115631.7	-4919.0
4590	9.9	114702.1	-4956.3	4680	10.1	115150.3	-4937.5	4770	9.8	115632.7	-4941.2
4591	9.6	114702.1	-4937.1	4681	10.0	115150.8	-4918.9	4771	10.0	115634.2	-4941.0
4592	10.0	114704.6	-4922.9	4682	10.0	115150.9	-4958.6	4772	9.9	115638.2	-4916.5
4593	10.1	114710.1	-4902.7	4683	10.1	115152.8	-4934.0	4773	10.0	115640.7	-4956.5
4594	9.4	114711.1	-4942.9	4684	9.7	115156.3	-4903.4	4774	10.1	115642.7	-4949.8
4595	9.4	114722.1	-4937.4	4685	10.0	115200.3	-4901.4	4775	9.6	115645.2	-4921.0
4596	9.6	114722.6	-4950.3	4686	10.0	115201.8	-4955.6	4776	10.1	115649.3	-4901.0
4597	10.1	114724.6	-4948.4	4687	9.6	115202.8	-4932.6	4777	9.9	115657.7	-4923.0
4598	10.0	114725.1	-4945.8	4688	8.4	115206.8	-4933.4	4778	10.1	115659.7	-4948.3
4599	9.7	114731.1	-4928.4	4689	9.7	115208.3	-4950.0	4779	9.2	115700.2	-4927.8
4600	10.0	114732.1	-4921.7	4690	10.0	115208.8	-4923.6	4780	9.7	115701.7	-4928.5
4601	9.1	114735.6	-4914.1	4691	9.7	115210.8	-4955.6	4781	9.7	115703.2	-4952.0
4602	10.1	114739.1	-4945.5	4692	9.6	115213.3	-4944.0	4782	9.1	115706.2	-4910.2
4603	9.2	114739.6	-4948.9	4693	9.6	115213.8	-4934.5	4783	10.0	115708.2	-4945.2
4604	9.9	114741.1	-4928.2	4694	10.0	115214.3	-4939.6	4784	9.8	115710.2	-4925.1
4605	10.0	114741.1	-4919.9	4695	10.1	115219.9	-4947.9	4785	10.1	115719.2	-4914.6
4606	10.1	114742.1	-4943.1	4696	9.6	115220.8	-4925.0	4786	8.9	115720.7	-4907.0
4607	10.0	114746.6	-4908.8	4697	8.7	115220.8	-4922.8	4787	9.9	115729.7	-4914.4
4608	9.8	114748.6	-4904.0	4698	9.5	115222.8	-4939.0	4788	10.0	115729.7	-4951.3
4609	10.0	114751.1	-4905.9	4699	9.4	115230.8	-4919.7	4789	10.1	115734.7	-4953.7
4790	10.1	115735.7	-4918.6	4870	9.6	120141.3	-4905.0
4791	10.1	115739.7	-4933.4	4871	9.8	120152.8	-4908.8
4792	9.7	115745.7	-4946.5	4872	9.6	120154.8	-4921.6
4793	9.9	115748.0	-4900.6	4873	9.9	120157.8	-4920.8
4794	9.6	115751.7	-4904.7	4874	10.1	120159.3	-4910.5
4795	9.5	115752.7	-4923.8	4875	10.1	120159.8	-4952.4
4796	10.1	115756.7	-4928.0	4876	10.0	120159.8	-4919.8
4797	9.8	115758.7	-4918.0	4877	9.7	120207.8	-4949.0
4798	10.1	115801.7	-4914.1	4878	10.1	120209.3	-4907.0
4799	9.7	115808.2	-4907.0	4879	10.1	120211.8	-4927.2
4800	10.0	115809.7	-4952.0				
4801	9.2	115809.7	-4921.6				
4802	8.0	115810.2	-4920.5				
4803	10.1	115812.1	-4958.3				
4804	9.8	115817.1	-4958.8				
4805	9.8	115818.6	-4951.0				
4806	8.9	115819.1	-4951.9				
4807	10.0	115826.6	-4906.2				
4808	10.0	115828.1	-4913.8				
4809	10.1	115830.1	-4937.9				
4810	10.0	115830.6	-4948.4				
4811	10.0	115831.6	-4935.0				
4812	9.8	115833.6	-4930.6				
4813	10.0	115834.6	-4945.0				
4814	9.4	115835.1	-4903.0				
4815	10.1	115835.6	-4953.9				
4816	10.0	115850.6	-4919.0				
4817	7.9	115854.1	-4934.5				
4818	9.2	115901.6	-4903.2				
4819	10.0	115904.6	-4930.0				
4820	10.0	115911.1	-4906.4				
4821	9.7	115911.6	-4950.9				
4822	9.8	115917.1	-4916.0				
4823	10.0	115918.6	-4950.2				
4824	10.0	115919.6	-4911.2				
4825	9.8	115920.1	-4913.8				
4826	10.1	115925.1	-4950.6				
4827	9.7	115929.1	-4909.0				
4828	8.4	115929.6	-4909.4				
4829	10.0	115931.6	-4950.3				
4830	9.3	115932.1	-4941.0				
4831	9.6	115933.1	-4917.0				
4832	9.6	115938.1	-4911.5				
4833	8.8	115943.1	-4932.9				
4834	10.1	115946.6	-4910.2				
4835	10.1	115948.1	-4941.0				
4836	9.7	120000.1	-4948.9				
4837	9.7	120001.3	-4925.6				
4838	9.8	120001.6	-4926.0				
4839	9.7	120002.0	-4915.8				
4840	10.1	120010.3	-4936.2				
4841	9.6	120015.3	-4922.0				
4842	9.7	120017.3	-4945.3				
4843	10.0	120020.3	-4919.8				
4844	10.0	120024.3	-4942.6				
4845	10.0	120025.3	-4911.2				
4846	9.8	120029.8	-4943.6				
4847	10.1	120032.3	-4918.8				
4848	9.8	120033.8	-4946.5				
4849	10.1	120034.8	-4920.2				
4850	10.0	120040.3	-4920.0				
4851	8.6	120041.8	-4945.4				
4852	9.9	120041.8	-4940.6				
4853	9.5	120051.3	-4922.6				
4854	10.1	120100.3	-4930.8				
4855	10.1	120100.8	-4908.2				
4856	9.1	120108.3	-4913.5				
4857	9.8	120108.3	-4929.0				
4858	9.9	120111.3	-4954.2				
4859	9.6	120112.3	-4954.9				
4860	9.6	120114.8	-4922.9				
4861	10.0	120115.3	-4938.4				
4862	8.3	120123.3	-4916.6				
4863	10.0	120129.3	-4925.4				
4864	9.9	120134.3	-4913.7				
4865	10.0	120134.8	-4955.4				
4866	10.1	120135.8	-4921.2				
4867	5.0	120137.2	-4958.0				
4868	9.8	120138.3	-4915.6				
4869	8.6	120140.3	-4918.8				

-49 4880 12h02m

-49 5239 12h23m

4880	9.6	120212.0	-4901.0	4970	10.1	120701.2	-4924.0	5060	10.1	121209.0	-4901.1
4881	9.5	120213.3	-4938.1	4971	8.8	120701.7	-4912.2	5061	10.0	121215.0	-4949.4
4882	10.0	120221.0	-4912.4	4972	8.9	120705.2	-4948.0	5062	10.0	121218.5	-4933.4
4883	9.8	120221.3	-4913.0	4973	9.7	120711.2	-4942.9	5063	10.1	121224.5	-4937.4
4884	9.1	120222.3	-4917.5	4974	9.6	120711.7	-4924.7	5064	9.9	121231.5	-4903.4
4885	10.0	120223.8	-4924.6	4975	9.6	120714.7	-4935.4	5065	10.0	121238.5	-4901.7
4886	9.5	120230.3	-4953.2	4976	9.6	120720.2	-4941.5	5066	9.9	121239.0	-4907.0
4887	10.1	120234.3	-4934.5	4977	8.6	120729.2	-4947.6	5067	9.9	121240.0	-4935.2
4888	8.9	120240.3	-4907.4	4978	10.1	120731.7	-4902.2	5068	9.7	121245.0	-4908.5
4889	9.7	120242.3	-4946.1	4979	10.0	120738.2	-4931.5	5069	9.8	121250.0	-4914.9
4890	9.3	120245.3	-4924.4	4980	9.9	120739.7	-4925.1	5070	10.0	121254.5	-4938.8
4891	10.1	120245.3	-4957.8	4981	10.0	120740.7	-4903.7	5071	10.1	121256.0	-4952.1
4892	9.6	120253.3	-4939.5	4982	10.1	120745.2	-4940.8	5072	10.1	121259.0	-4912.2
4893	10.0	120256.8	-4908.2	4983	9.8	120745.2	-4944.1	5073	9.1	121301.0	-4930.2
4894	9.6	120306.8	-4919.8	4984	9.7	120749.2	-4935.5	5074	10.1	121302.5	-4907.1
4895	10.0	120310.5	-4901.1	4985	10.0	120752.7	-4903.0	5075	9.9	121304.0	-4935.8
4896	10.1	120314.3	-4920.0	4986	10.1	120800.4	-4959.2	5076	10.1	121305.7	-4901.2
4897	9.6	120316.3	-4914.9	4987	10.1	120809.2	-4901.6	5077	10.0	121309.2	-4951.0
4898	10.0	120316.3	-4953.1	4988	10.0	120811.2	-4955.0	5078	9.4	121309.5	-4923.9
4899	9.9	120325.3	-4936.6	4989	10.1	120813.2	-4938.3	5079	10.1	121326.0	-4918.1
4900	10.1	120325.3	-4903.8	4990	10.0	120815.2	-4922.5	5080	10.0	121330.0	-4913.2
4901	9.6	120327.3	-4930.2	4991	8.7	120815.2	-4905.5	5081	10.0	121339.5	-4909.0
4902	10.0	120329.3	-4948.9	4992	9.9	120817.7	-4928.3	5082	9.4	121340.5	-4930.0
4903	10.1	120331.1	-4922.5	4993	9.6	120819.2	-4926.0	5083	10.1	121342.5	-4941.2
4904	9.8	120332.8	-4946.0	4994	10.1	120825.7	-4941.3	5084	10.0	121342.5	-4945.4
4905	9.8	120335.8	-4948.6	4995	9.2	120826.2	-4928.2	5085	9.6	121347.5	-4919.2
4906	10.0	120336.8	-4956.9	4996	9.6	120830.2	-4950.7	5086	9.2	121354.5	-4921.2
4907	9.7	120339.3	-4906.9	4997	9.7	120835.2	-4923.4	5087	10.1	121401.0	-4949.2
4908	9.7	120340.3	-4912.4	4998	10.0	120835.6	-4900.8	5088	10.1	121404.5	-4948.1
4909	10.1	120344.3	-4919.0	4999	10.0	120837.0	-4955.3	5089	9.6	121408.5	-4937.5
4910	9.7	120352.3	-4924.0	5000	10.0	120839.0	-4907.6	5090	10.0	121409.0	-4937.1
4911	10.1	120353.1	-4908.7	5001	9.8	120840.5	-4921.0	5091	10.0	121409.5	-4907.1
4912	10.1	120354.1	-4917.7	5002	10.1	120846.5	-4914.8	5092	9.6	121419.5	-4937.7
4913	9.9	120401.3	-4940.1	5003	9.9	120846.5	-4942.9	5093	10.0	121419.5	-4932.3
4914	10.1	120404.8	-4904.2	5004	9.8	120847.5	-4938.9	5094	9.8	121428.5	-4946.7
4915	9.8	120407.8	-4954.2	5005	9.9	120848.5	-4956.3	5095	9.7	121428.5	-4932.0
4916	10.0	120408.3	-4950.8	5006	10.1	120850.0	-4920.4	5096	9.8	121429.3	-4951.6
4917	9.4	120411.3	-4906.5	5007	10.1	120850.0	-4922.6	5097	10.0	121431.0	-4926.2
4918	10.0	120412.8	-4910.8	5008	10.1	120853.7	-4901.9	5098	9.0	121432.3	-4914.1
4919	10.1	120413.1	-4932.7	5009	10.1	120855.0	-4902.9	5099	10.0	121433.3	-4907.9
4920	10.0	120420.7	-4906.0	5010	10.1	120856.5	-4951.2	5100	10.0	121435.3	-4908.1
4921	10.1	120427.7	-4934.9	5011	9.4	120905.0	-4945.4	5101	10.1	121436.5	-4903.0
4922	9.8	120432.2	-4958.7	5012	10.0	120905.0	-4959.0	5102	8.5	121437.3	-4930.1
4923	8.5	120434.2	-4918.8	5013	10.1	120908.5	-4949.0	5103	10.0	121439.7	-4933.0
4924	9.8	120435.2	-4944.9	5014	9.9	120911.0	-4949.7	5104	10.0	121444.7	-4954.6
4925	9.8	120438.7	-4918.7	5015	10.1	120911.0	-4907.6	5105	9.5	121445.7	-4955.0
4926	9.6	120439.7	-4936.8	5016	10.1	120912.0	-4948.2	5106	10.0	121448.0	-4928.6
4927	9.7	120440.2	-4910.1	5017	9.6	120919.5	-4924.5	5107	10.1	121449.5	-4917.4
4928	9.7	120449.7	-4901.8	5018	10.1	120920.0	-4959.0	5108	9.8	121450.3	-4900.4
4929	10.0	120450.2	-4911.4	5019	10.0	120921.0	-4938.3	5109	10.0	121451.0	-4914.8
4930	9.7	120450.2	-4932.6	5020	9.7	120921.5	-4950.7	5110	10.0	121453.7	-4957.5
4931	10.1	120451.2	-4910.8	5021	8.9	120925.0	-4934.8	5111	10.1	121454.5	-4916.0
4932	10.0	120451.2	-4902.8	5022	9.6	120927.0	-4951.0	5112	10.1	121459.3	-4916.5
4933	10.1	120453.7	-4903.6	5023	10.1	120928.5	-4906.9	5113	9.8	121504.5	-4940.5
4934	9.5	120500.2	-4912.2	5024	9.8	120928.5	-4904.9	5114	7.6	121508.0	-4915.3
4935	10.1	120500.3	-4903.4	5025	9.4	120930.0	-4950.2	5115	9.7	121511.0	-4914.8
4936	10.0	120509.7	-4916.0	5026	8.9	120932.5	-4918.7	5116	10.1	121511.5	-4936.4
4937	9.4	120510.2	-4915.6	5027	8.7	120938.5	-4912.7	5117	9.8	121512.2	-4911.8
4938	9.9	120522.7	-4932.2	5028	9.8	120940.5	-4955.9	5118	9.2	121516.8	-4904.6
4939	9.9	120524.2	-4942.1	5029	9.6	120951.0	-4941.8	5119	10.1	121518.5	-4918.5
4940	10.0	120530.2	-4912.8	5030	8.9	120952.5	-4926.9	5120	10.0	121520.3	-4921.0
4941	8.4	120531.2	-4907.5	5031	9.9	120957.5	-4909.1	5121	10.0	121521.8	-4943.2
4942	10.0	120531.2	-4920.4	5032	9.7	121004.0	-4948.3	5122	10.0	121523.5	-4939.8
4943	9.8	120534.2	-4926.8	5033	10.1	121004.5	-4921.6	5123	10.0	121523.8	-4937.7
4944	10.1	120535.7	-4931.4	5034	10.1	121006.0	-4919.7	5124	10.3	121524.2	-4906.0
4945	9.2	120537.7	-4933.7	5035	10.0	121015.8	-4958.0	5125	9.6	121524.4	-4901.8
4946	9.9	120540.2	-4924.6	5036	9.2	121022.0	-4913.8	5126	10.1	121529.0	-4952.8
4947	10.1	120540.2	-4908.4	5037	10.0	121032.5	-4931.0	5127	10.0	121530.3	-4945.4
4948	9.2	120544.9	-4958.7	5038	9.6	121035.0	-4907.1	5128	10.2	121532.0	-4942.9
4949	9.8	120546.7	-4912.4	5039	10.1	121036.0	-4933.5	5129	10.3	121534.0	-4945.0
4950	10.1	120549.7	-4928.6	5040	9.5	121040.5	-4901.8	5130	8.1	121543.5	-4959.7
4951	9.8	120552.2	-4923.8	5041	9.9	121047.0	-4910.7	5131	9.3	121552.0	-4908.7
4952	10.1	120600.2	-4949.2	5042	9.8	121048.0	-4910.4	5132	9.6	121558.5	-4908.8
4953	9.7	120601.2	-4924.8	5043	8.6	121050.0	-4932.3	5133	9.8	121601.7	-4952.6
4954	9.6	120609.2	-4946.1	5044	8.9	121050.5	-4945.7	5134	10.2	121602.0	-4909.1
4955	10.1	120609.3	-4925.3	5045	9.8	121110.0	-4934.1	5135	10.3	121611.7	-4912.9
4956	10.1	120609.7	-4907.2	5046	8.9	121111.0	-4902.4	5136	8.3	121611.7	-4922.4
4957	10.1	120610.2	-4935.6	5047	8.7	121113.0	-4919.8	5137	9.6	121612.7	-4946.8
4958	9.8	120612.2	-4909.9	5048	9.9	121119.0	-4952.9	5138	10.3	121614.7	-4924.2
4959	9.8	120613.2	-4917.3	5049	10.1	121120.5	-4947.1	5139	9.0	121620.2	-4919.2
4960	8.6	120623.9	-4958.6	5050	8.5	121123.5	-4927.8	5140	10.2	121628.2	-4906.7
4961	10.0	120625.2	-4921.4	5051	9.8	121124.5	-4945.7	5141	9.7	121631.7	-4915.8
4962	9.3	120629.2	-4943.1	5052	9.9	121127.5	-4923.0	5142	9.8	121641.7	-4907.9
4963	10.1	120630.2	-4904.5	5053	9.6	121132.0	-4931.8	5143	9.6	121643.7	-4907.7
4964	10.0	120631.2	-4937.6	5054	9.7	121135.0	-4944.4	5144	8.8	121650.2	-4956.6
4965	9.2	120633.2	-4930.6	5055	10.1	121140.0	-4905.5	5145	10.1	121702.7	-4912.5
4966	9.8	120639.7	-4956.6	5056	10.1	121146.5	-4950.7	5146	10.3	121702.7	-4956.0
4967	9.7	120647.7	-4953.6	5057	9.7	121150.0	-4956.4	5147	10.2	121703.7	-4938.0
4968	9.7	120650.2	-4929.2	5058	8.9	121152.5	-4931.8	5148	10.1	121707.7	-4931.3
4969	9.1	120700.7	-4947.7	5059	9.6	121158.5	-4927.6	5149	10.2	121714.7	-4929.4
5150	10.2	121719.7	-4953.6								
5151	10.2	121726.7	-4949.0								
5152	10.2	121727.7	-4943.1								
5153	10.2	121729.7	-4952.3								
5154	10.0	121729.7	-4911.6								
5155	8.8	121743.2	-4906.7								
5156	10.0	121743.7	-4955.2								
5157	10.2	121746.7	-4926.4								
5158	10.2	121748.7	-4922.7								
5159	9.6	121751.7	-4913.2								
5160	10.2	121753.7	-4939.9								
5161	9.4	121800.7	-4958.4								
5162	9.8	121800.7	-4916.0								
5163	9.7	121811.2	-4937.8								
5164	8.0	121817.7	-4929.9								
5165	10.3	121832.7	-4930.5								
5166	10.3	121844.2	-4905.0								
5167	10.1	121853.2	-4901.5								
5168	9.3	121859.7	-4919.2								
5169	10.3	121900.7	-4924.8								
5170	9.8	121903.7	-4934.4								
5171	10.3	121903.7	-4957.9								
5172	10.0	121912.4	-4912.4								
5173	9.7	121914.9	-4912.3								
5174	9.4	121914.9	-4934.3								
5175	10.0	121919.9	-4930.8								
5176	9.6	121921.4	-4940.6								
5177	9.4	121923.4	-4935.0								
5178	10.0	121928.9	-4918.9								
5179	10.2	121938.9	-4945.6								
5180	10.0	121943.9	-4949.7								
5181	9.2	121944.9	-4904.0								
5182	9.4	121944.9	-4929.9								
5183	10.0	121946.4	-4937.1								
5184	9.6	121952.4	-4956.0								
5185	10.3	122013.4	-4905.1								
5186	9.6	122018.4	-4919.7								
5187	10.0	122021.4	-4957.8								
5188	9.8	122021.9	-4917.7								
5189	10.3	122030.9	-4916.7								
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5193	9.3	122036.9	-4947.5								
5194	10.0	122038.9	-4917.1								
5195	10.1	122039.9	-4903.7								
5196	9.8	122044.4	-4929.3								
5197	9.0	122052.4	-4955.4								
5198	8.7	122106.4	-4938.8								
5199	9.6	122109.4	-4905.2								
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5201	4.0	122117.4	-4932.1								
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5203	9.6	122123.4	-4946.6								
5204	9.8	122125.4	-4944.9								
5205	10.0	122150.4	-4942.0								
5206	9.0	122153.4	-4924.4								
5207	9.6	122156.9	-4942.2								
5208	10.2	122159.9	-4922.7								
5209	10.2	122159.9	-4944.0								
5210	10.2	122201.9	-4957.7								
5211	7.8	122214.4	-4957.4								
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5216	10.0	122222.6	-4901.3								
5217	9.6	122224.1	-4937.7								
5218	10.3	122228.1	-4937.5								
5219	9.7	122230.1	-4945.7								
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5225	10.2	122301.1	-4950.7								
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5228	9.6	122302.1	-4910.0								
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5232	10.2	122326.6	-4905.0								
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5234	9.4	122343.1	-4922.2								
5235	9.8	122345.6	-4911.9								
5236	9.6	122348.6	-4926.4								
5237	10.0	122351.1	-4947.9								
5238	10.3	122351.1	-4930.8								
5239	10.3	122356.1	-4906.2								

-49 5240 12h23m

5240 10.3 122356.1 -4943.0	5330 10.1 123017.8 -4909.6	5420 10.2 123710.6 -4920.5	5510 10.3 124424.2 -4957.5
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-49 5599 12h51m

-49 5600 12h51m

-49 5959 13h12m

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5603	10.4	125112.5	-4930.5	5693	10.4	125734.0	-4915.8	5783	8.8	130253.9	-4941.0
5604	9.8	125116.0	-4933.3	5694	10.4	125736.0	-4909.6	5784	10.4	130259.8	-4914.9
5605	10.4	125118.0	-4936.0	5695	10.4	125738.0	-4930.6	5785	10.3	130301.9	-4933.3
5606	10.4	125119.0	-4902.7	5696	9.9	125741.0	-4906.7	5786	9.0	130304.9	-4915.2
5607	9.6	125120.0	-4957.3	5697	10.3	125744.0	-4932.7	5787	10.4	130307.9	-4949.0
5608	9.2	125122.0	-4919.4	5698	10.0	125745.0	-4906.5	5788	10.4	130310.4	-4922.3
5609	10.4	125130.5	-4913.9	5699	9.2	125745.0	-4954.0	5789	9.9	130315.4	-4926.5
5610	10.4	125135.0	-4922.9	5700	9.9	125752.0	-4940.1	5790	9.8	130325.4	-4903.4
5611	9.7	125138.0	-4920.1	5701	9.6	125752.5	-4958.1	5791	10.0	130330.9	-4954.2
5612	10.0	125139.0	-4919.5	5702	9.8	125752.5	-4944.7	5792	10.4	130331.4	-4957.3
5613	9.9	125140.0	-4930.0	5703	10.0	125753.2	-4957.7	5793	10.0	130333.4	-4924.3
5614	10.4	125142.2	-4900.4	5704	9.0	125755.0	-4934.4	5794	9.2	130335.4	-4942.9
5615	9.4	125144.0	-4919.8	5705	9.4	125759.0	-4933.2	5795	10.4	130343.4	-4904.7
5616	8.8	125150.0	-4953.4	5706	8.8	125801.0	-4907.7	5796	10.4	130351.4	-4936.9
5617	10.3	125205.0	-4941.5	5707	9.4	125812.0	-4908.9	5797	10.0	130353.9	-4935.5
5618	10.2	125207.0	-4949.4	5708	10.3	125812.5	-4924.6	5798	9.4	130353.9	-4911.4
5619	10.4	125210.0	-4940.7	5709	10.0	125815.0	-4938.8	5799	10.0	130355.4	-4933.8
5620	10.4	125214.5	-4948.1	5710	10.4	125815.0	-4918.1	5800	8.8	130356.4	-4933.3
5621	10.4	125221.5	-4932.8	5711	8.7	125816.5	-4910.9	5801	9.4	130357.4	-4903.9
5622	9.9	125225.0	-4914.3	5712	10.0	125817.5	-4938.5	5802	10.0	130359.4	-4904.2
5623	9.0	125225.5	-4919.7	5713	9.6	125818.0	-4907.1	5803	9.4	130401.3	-4929.3
5624	9.4	125228.0	-4943.8	5714	9.4	125829.5	-4948.3	5804	10.3	130401.9	-4946.3
5625	9.4	125239.0	-4920.3	5715	10.3	125831.0	-4946.6	5805	10.3	130407.4	-4946.9
5626	8.8	125248.0	-4942.9	5716	10.3	125831.0	-4920.4	5806	9.8	130428.4	-4919.0
5627	9.0	125250.0	-4920.4	5717	10.3	125835.5	-4948.7	5807	10.0	130430.4	-4940.5
5628	10.0	125253.0	-4956.8	5718	10.4	125842.0	-4955.3	5808	10.4	130432.4	-4954.3
5629	10.2	125259.0	-4947.6	5719	9.4	125844.5	-4930.9	5809	10.3	130436.4	-4933.0
5630	9.9	125309.0	-4936.2	5720	10.2	125848.5	-4905.7	5810	10.4	130436.4	-4942.2
5631	10.3	125309.5	-4955.0	5721	9.2	125850.0	-4938.0	5811	9.7	130437.9	-4929.3
5632	9.0	125318.0	-4906.4	5722	9.8	125900.0	-4923.3	5812	10.2	130439.9	-4914.1
5633	10.2	125321.0	-4948.2	5723	10.2	125900.2	-4902.5	5813	8.2	130443.4	-4917.6
5634	9.2	125322.0	-4934.7	5724	10.4	125903.2	-4901.4	5814	10.3	130444.9	-4911.6
5635	10.3	125327.0	-4902.8	5725	10.4	125910.0	-4906.1	5815	8.4	130445.4	-4923.9
5636	10.2	125329.5	-4910.7	5726	10.4	125912.0	-4930.6	5816	10.2	130449.9	-4909.6
5637	10.4	125340.0	-4955.7	5727	9.4	125916.5	-4905.5	5817	10.4	130451.4	-4936.6
5638	10.0	125340.5	-4913.7	5728	10.4	125918.0	-4919.1	5818	10.0	130453.4	-4906.4
5639	10.0	125344.5	-4905.9	5729	10.4	125919.0	-4932.7	5819	10.4	130501.4	-4934.0
5640	10.3	125347.5	-4944.3	5730	10.4	125920.0	-4926.8	5820	9.8	130505.4	-4944.6
5641	9.9	125351.0	-4918.7	5731	10.2	125920.4	-4927.3	5821	8.6	130510.4	-4948.8
5642	10.4	125351.5	-4959.9	5732	8.7	125921.6	-4900.9	5822	9.9	130510.4	-4928.1
5643	8.7	125400.0	-4939.3	5733	4.6	125937.4	-4914.2	5823	10.4	130510.9	-4945.3
5644	10.4	125415.0	-4908.8	5734	10.2	125944.4	-4931.7	5824	10.3	130511.4	-4902.2
5645	9.1	125429.0	-4928.2	5735	9.9	125945.4	-4905.7	5825	10.3	130511.4	-4912.4
5646	10.3	125432.5	-4938.0	5736	10.0	125951.4	-4946.7	5826	10.4	130511.6	-4944.7
5647	10.3	125433.5	-4933.7	5737	9.8	130018.4	-4903.8	5827	10.3	130512.9	-4940.2
5648	10.2	125434.5	-4948.0	5738	9.9	130020.4	-4935.0	5828	10.4	130514.6	-4948.8
5649	9.8	125441.0	-4930.1	5739	10.4	130022.9	-4911.7	5829	10.2	130518.9	-4926.1
5650	10.0	125445.5	-4940.2	5740	8.8	130023.9	-4940.9	5830	10.2	130519.4	-4918.8
5651	10.4	125455.5	-4936.2	5741	9.2	130024.9	-4935.9	5831	10.3	130521.4	-4921.0
5652	10.0	125509.5	-4907.7	5742	7.9	130025.4	-4903.4	5832	10.4	130524.9	-4920.9
5653	9.4	125515.0	-4929.0	5743	9.4	130037.4	-4954.7	5833	10.0	130529.4	-4914.7
5654	8.5	125516.0	-4921.9	5744	9.8	130038.9	-4921.3	5834	10.3	130540.9	-4937.1
5655	10.0	125516.0	-4908.2	5745	10.4	130040.4	-4941.5	5835	9.8	130544.9	-4904.1
5656	9.4	125524.5	-4952.0	5746	10.4	130045.4	-4928.5	5836	9.4	130558.1	-4923.8
5657	9.5	125529.2	-4903.0	5747	10.4	130047.9	-4930.2	5837	10.0	130600.1	-4946.2
5658	10.0	125530.5	-4915.8	5748	10.0	130049.4	-4950.1	5838	9.8	130620.6	-4937.2
5659	10.4	125533.0	-4941.1	5749	8.2	130100.4	-4947.6	5839	10.4	130625.6	-4919.3
5660	9.9	125534.0	-4905.8	5750	10.0	130102.4	-4907.3	5840	9.6	130630.6	-4911.8
5661	9.7	125541.0	-4942.8	5751	9.8	130105.9	-4945.1	5841	9.6	130630.6	-4929.3
5662	9.4	125542.0	-4913.8	5752	9.5	130115.4	-4938.3	5842	10.2	130631.1	-4908.3
5663	10.0	125546.0	-4934.3	5753	9.7	130115.9	-4939.1	5843	10.4	130631.1	-4954.7
5664	9.9	125549.0	-4937.2	5754	10.4	130120.6	-4913.7	5844	10.4	130632.6	-4905.3
5665	9.9	125550.0	-4951.9	5755	9.4	130121.9	-4913.1	5845	9.8	130637.1	-4916.8
5666	10.4	125550.0	-4924.8	5756	10.3	130122.4	-4958.0	5846	9.9	130640.1	-4910.1
5667	9.6	125552.0	-4919.1	5757	10.0	130128.9	-4948.7	5847	10.0	130640.6	-4908.1
5668	10.0	125552.5	-4940.3	5758	10.4	130129.9	-4958.9	5848	10.0	130641.1	-4913.7
5669	10.4	125553.5	-4925.0	5759	10.4	130131.9	-4909.1	5849	10.0	130643.6	-4953.1
5670	10.2	125556.0	-4902.1	5760	9.8	130141.9	-4932.1	5850	10.2	130653.1	-4930.6
5671	9.6	125606.5	-4946.1	5761	9.4	130148.4	-4942.9	5851	10.4	130654.6	-4931.7
5672	10.4	125609.5	-4946.0	5762	10.3	130150.4	-4930.9	5852	9.9	130702.1	-4954.8
5673	10.4	125610.5	-4922.1	5763	10.4	130201.9	-4959.5	5853	9.8	130728.1	-4926.2
5674	9.9	125614.2	-4958.5	5764	10.2	130205.9	-4921.8	5854	10.3	130730.1	-4915.8
5675	10.4	125614.5	-4934.1	5765	9.4	130207.9	-4926.2	5855	10.0	130731.1	-4927.5
5676	10.3	125615.0	-4937.7	5766	10.4	130208.9	-4941.6	5856	9.8	130737.1	-4913.5
5677	10.2	125634.5	-4927.9	5767	9.4	130209.4	-4940.9	5857	10.4	130740.6	-4903.7
5678	9.8	125642.0	-4917.9	5768	10.0	130212.4	-4945.2	5858	9.8	130754.6	-4940.9
5679	9.4	125646.0	-4941.1	5769	10.2	130214.9	-4940.3	5859	10.2	130755.1	-4952.1
5680	10.4	125649.0	-4939.0	5770	10.3	130217.4	-4921.8	5860	9.8	130758.1	-4907.2
5681	10.4	125651.5	-4935.8	5771	9.9	130218.4	-4937.0	5861	10.4	130758.6	-4900.0
5682	10.2	125653.5	-4951.1	5772	10.3	130219.4	-4922.8	5862	9.5	130800.1	-4930.6
5683	10.2	125655.0	-4921.6	5773	8.4	130221.4	-4928.9	5863	10.4	130809.6	-4936.0
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5685	10.2	125659.5	-4905.1	5775	9.6	130235.4	-4911.7	5865	10.0	130813.1	-4941.2
5686	10.2	125701.5	-4942.2	5776	10.2	130235.4	-4932.7	5866	8.1	130818.6	-4949.7
5687	10.4	125705.0	-4949.1	5777	10.4	130238.4	-4939.7	5867	9.4	130819.1	-4948.6
5688	10.2	125714.0	-4958.5	5778	10.4	130245.4	-4918.7	5868	10.0	130819.1	-4922.0
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5871	10.2	130822.1	-4954.8								
5872	10.0	130827.6	-4920.7								
5873	10.4	130829.1	-4918.1								
5874	9.4	130829.6	-4936.0								
5875	10.0	130832.1	-4949.4								
5876	9.8	130833.1	-4924.7								
5877	10.3	130833.9	-4958.2								
5878	8.8	130844.6	-4949.3								
5879	10.0	130848.6	-4942.8								
5880	10.2	130850.1	-4933.3								
5881	10.4	130855.1	-4947.0								
5882	10.4	130857.1	-4914.3								
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5885	10.3	130903.6	-4927.2								
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5893	9.7	130930.1	-4939.1								
5894	10.2	130931.1	-4918.0								
5895	10.4	130933.6	-4940.0								
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5897	9.8	130944.6	-4930.2								
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5899	9.9	130956.1	-4925.5								
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5901	10.4	130959.1	-4928.3								
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5904	9.8	131002.3	-4902.2								
5905	10.4	131005.1	-4917.1								
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5909	10.0	131018.9	-4958.8								
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5918	10.0	131050.4	-4912.1								
5919	8.5	131052.9	-4915.2								
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5921	10.4	131056.0	-4958.3								
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5923	10.0	131101.4	-4920.3								
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5947	10.2	131200.9	-4909.3								
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5958	10.4	131224.9	-4927.1								
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5960	10.4	131246.4	-4946.7
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6001	10.0	131501.7	-4958.0
6002	10.4	131509.4	-4954.2
6003	10.0	131510.9	-4907.0
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6066	10.2	131826.4	-4958.9
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6079	9.8	131910.9	-4943.9
6080	10.2	131911.4	-4908.3
6081	10.2	131911.7	-4932.0
6082	10.2	131915.9	-4940.7
6083	10.2	131917.9	-4901.5
6084	9.4	131919.4	-4907.4
6085	9.6	131920.9	-4940.9
6086	10.0	131926.9	-4917.0
6087	10.0	131936.4	-4925.8
6088	10.2	131937.9	-4949.2
6089	10.2	131941.9	-4924.6
6090	10.2	131947.4	-4928.9
6091	10.2	131949.4	-4947.0
6092	10.0	131954.4	-4925.1
6093	10.2	131955.4	-4901.0
6094	10.2	132005.4	-4949.5
6095	10.2	132006.4	-4935.5
6096	9.4	132009.9	-4938.3
6097	9.8	132012.4	-4913.8
6098	10.2	132023.9	-4957.7
6099	9.3	132024.4	-4905.3
6100	9.6	132034.9	-4911.2
6101	9.3	132036.4	-4949.2
6102	9.4	132038.4	-4950.0
6103	10.0	132040.9	-4946.2
6104	10.0	132042.9	-4957.9
6105	10.2	132048.9	-4954.7
6106	9.8	132051.9	-4907.3
6107	10.2	132052.9	-4933.5
6108	10.0	132053.4	-4952.7
6109	9.0	132059.4	-4914.7
6110	10.0	132103.4	-4901.0
6111	10.2	132105.4	-4903.1
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6117	10.0	132130.9	-4917.8
6118	9.8	132138.9	-4908.0
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6121	9.8	132141.9	-4937.6
6122	10.2	132150.8	-4911.9
6123	9.4	132156.9	-4922.1
6124	9.6	132159.9	-4913.7
6125	10.2	132200.9	-4921.1
6126	8.8	132212.9	-4936.8
6127	10.0	132216.4	-4956.4
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6129	10.2	132220.9	-4927.9
6130	9.3	132225.4	-4930.1
6131	9.1	132242.9	-4913.8
6132	9.0	132244.4	-4904.8
6133	10.0	132257.4	-4943.1
6134	9.2	132307.4	-4918.9
6135	9.6	132310.9	-4921.8
6136	10.0	132312.1	-4952.2
6137	10.0	132312.4	-4941.3
6138	10.0	132312.9	-4907.9
6139	10.2	132315.9	-4921.0
6140	9.8	132320.4	-4940.4
6141	10.2	132320.9	-4922.7
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6143	10.2	132336.9	-4924.6
6144	10.0	132341.9	-4943.9
6145	10.0	132343.0	-4901.8
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6147	9.3	132346.9	-4937.9
6148	9.1	132351.9	-4917.3
6149	10.0	132352.9	-4949.9
6150	9.6	132357.4	-4941.6
6151	9.8	132400.4	-4947.6
6152	9.8	132402.9	-4923.0
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6154	10.0	132403.9	-4922.7
6155	9.4	132408.4	-4929.2
6156	9.6	132411.9	-4925.1
6157	9.1	132412.9	-4936.4
6158	10.0	132416.9	-4931.5
6159	9.6	132430.9	-4915.0
6160	10.0	132431.9	-4937.8
6161	10.0	132433.9	-4958.0
6162	10.2	132442.9	-4941.8
6163	10.2	132444.4	-4924.8
6164	9.0	132501.9	-4919.0
6165	10.2	132504.9	-4952.1
6166	9.8	132507.4	-4928.9
6167	10.0	132510.9	-4929.1
6168	10.2	132515.4	-4943.2
6169	9.4	132517.4	-4944.6
6170	10.0	132521.9	-4953.1
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6172	10.0	132533.2	-4901.1
6173	10.0	132540.9	-4929.9
6174	10.2	132542.4	-4926.9
6175	9.4	132544.9	-4902.1
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6177	10.2	132557.4	-4946.0
6178	9.6	132602.1	-4958.2
6179	10.2	132606.9	-4955.5
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6183	10.2	132618.9	-4950.3
6184	9.8	132619.4	-4910.4
6185	10.2	132627.4	-4949.7
6186	10.0	132632.9	-4916.9
6187	9.6	132649.4	-4949.0
6188	8.2	132658.9	-4913.3
6189	9.8	132701.9	-4914.2
6190	9.8	132710.9	-4912.1
6191	10.0	132711.4	-4939.9
6192	9.1	132714.4	-4944.5
6193	9.6	132714.4	-4942.2
6194	10.2	132715.9	-4901.8
6195	10.0	132721.9	-4929.6
6196	10.2	132723.4	-4959.7
6197	9.8	132725.9	-4953.8
6198	10.0	132727.4	-4922.0
6199	10.0	132727.4	-4900.0
6200	10.2	132734.4	-4902.7
6201	9.4	132739.4	-4900.9
6202	9.0	132741.4	-4945.4
6203	9.8	132747.4	-4942.4
6204	10.0	132749.4	-4927.7
6205	9.8	132757.4	-4936.5
6206	9.0	132805.4	-4940.2
6207	9.4	132815.9	-4918.4
6208	9.4	132827.4	-4945.2
6209	10.2	132838.9	-4957.2
6210	9.4	132839.4	-4908.2
6211	10.2	132840.9	-4955.2
6212	10.2	132842.9	-4917.4
6213	9.6	132858.9	-4932.7
6214	10.2	132904.9	-4919.8
6215	9.6	132913.9	-4936.2
6216	10.0	132915.9	-4944.7
6217	10.0	132920.9	-4935.0
6218	10.2	132921.4	-4906.0
6219	9.8	132922.9	-4908.3
6220	9.6	132925.9	-4956.2
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6222	10.0	132936.1	-4901.1
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6224	9.6	132940.9	-4923.6
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6229	10.2	133001.6	-4924.5

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6230	10.2	133003.0	-4901.9
6231	9.0	133009.4	-4924.9
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6266	10.0	133217.1	-4951.1
6267	10.2	133222.1	-4920.2
6268	10.2	133222.6	-4932.6
6269	8.3	133230.6	-4954.3
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6273	10.2	133251.4	-4920.5
6274	10.0	133255.4	-4901.4
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6276	10.2	133258.2	-4933.1
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6278	9.0	133302.4	-4948.0
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6295	9.6	133403.4	-4941.4
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6297	10.2	133447.4	-4908.8
6298	10.0	133448.4	-4912.1
6299	9.8	133449.4	-4952.2
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6301	10.2	133452.7	-4902.4
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6303	9.3	133456.9	-4956.0
6304	10.2	133500.2	-4936.1
6305	10.0	133504.1	-4902.6
6306	9.4	133514.4	-4906.3
6307	10.0	133517.4	-4906.1
6308	10.2	133523.4	-4911.4
6309	10.2	133528.4	-4945.4
6310	9.6	133531.4	-4930.2
6311	9.4	133537.7	-4940.0
6312	10.0	133539.7	-4941.4
6313	10.0	133540.2	-4931.6
6314	10.0	133540.7	-4949.0
6315	10.0	133546.3	-4900.1
6316	10.2	133604.2	-4950.4
6317	8.6	133617.7	-4900.6
6318	10.3	133620.2	-4914.4
6319	10.0	133631.2	-4916.8

6320	10.2	133632.2	-4951.9	6410	10.0	134334.5	-4946.0	6500	8.7	134923.1	-4938.7
6321	8.8	133633.7	-4908.6	6411	10.2	134345.5	-4920.7	6501	10.2	134924.1	-4910.9
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6323	9.6	133635.2	-4944.8	6413	10.2	134347.0	-4921.6	6503	10.2	134925.1	-4934.3
6324	10.2	133637.7	-4906.4	6414	10.0	134350.5	-4936.1	6504	9.6	134934.1	-4941.5
6325	9.6	133638.7	-4930.2	6415	10.0	134402.5	-4937.5	6505	9.8	134939.6	-4934.2
6326	10.2	133639.2	-4935.8	6416	10.2	134409.5	-4902.4	6506	9.1	134948.1	-4930.9
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6334	9.4	133714.7	-4948.0	6424	10.2	134447.9	-4934.7	6514	10.0	135019.6	-4920.8
6335	10.2	133722.2	-4941.6	6425	10.2	134450.9	-4929.9	6515	10.1	135027.7	-4958.4
6336	10.0	133726.2	-4935.7	6426	10.2	134453.5	-4947.6	6516	9.8	135028.2	-4941.3
6337	10.0	133730.2	-4909.8	6427	10.2	134455.9	-4949.2	6517	9.1	135035.2	-4942.9
6338	9.6	133742.7	-4940.7	6428	10.2	134459.0	-4919.3	6518	10.2	135035.7	-4905.8
6339	10.2	133744.2	-4923.6	6429	10.2	134459.9	-4947.9	6519	9.8	135038.2	-4918.4
6340	10.2	133745.2	-4906.9	6430	9.7	134505.4	-4933.2	6520	10.0	135038.2	-4942.8
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6342	10.0	133758.5	-4900.2	6432	9.4	134507.3	-4929.2	6522	10.1	135042.2	-4904.5
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6346	9.1	133814.2	-4914.2	6436	10.0	134513.9	-4911.9	6526	9.9	135043.7	-4949.4
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6350	10.0	133822.2	-4939.8	6440	10.2	134535.1	-4902.4	6530	10.2	135055.7	-4907.2
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6354	9.2	133840.2	-4912.1	6444	9.0	134545.4	-4939.9	6534	9.9	135112.7	-4945.6
6355	9.6	133840.2	-4911.9	6445	10.0	134546.4	-4939.5	6535	7.5	135117.2	-4945.6
6356	10.2	133849.2	-4931.1	6446	9.4	134548.6	-4931.3	6536	10.2	135119.7	-4936.8
6357	8.8	133851.7	-4925.8	6447	9.8	134600.1	-4911.4	6537	9.9	135121.7	-4918.9
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6359	10.2	133902.2	-4926.0	6449	9.7	134603.6	-4919.1	6539	10.1	135123.2	-4943.3
6360	9.4	133908.2	-4908.8	6450	9.8	134604.6	-4919.9	6540	9.9	135131.7	-4908.6
6361	10.0	133909.2	-4903.4	6451	10.2	134605.6	-4903.2	6541	10.2	135134.7	-4920.5
6362	10.2	133931.7	-4919.1	6452	10.1	134610.8	-4900.9	6542	10.2	135136.2	-4924.2
6363	6.8	133935.7	-4937.4	6453	9.7	134617.6	-4944.7	6543	9.8	135139.7	-4931.5
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6368	9.8	133950.2	-4928.2	6458	10.2	134635.6	-4903.2	6548	10.1	135216.7	-4935.9
6369	7.8	133950.2	-4929.8	6459	8.7	134636.6	-4955.4	6549	10.0	135220.7	-4936.9
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6374	10.0	134002.2	-4926.1	6464	10.0	134651.6	-4921.0	6554	9.9	135233.7	-4951.6
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-49 6680 13h59m

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7465	10.6	144509.3	-4916.3
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-49 8119 15h19m

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-49 8120 15h19m

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8343	10.0	152831.6	-4944.0
8344	9.8	152832.6	-4942.3
8345	8.8	152838.1	-4935.1
8346	9.6	152848.6	-4923.4
8347	9.7	152849.1	-4958.5
8348	9.7	152852.6	-4912.4
8349	9.2	152855.1	-4933.3
8350	9.2	152906.1	-4942.9
8351	9.7	152909.1	-4940.1
8352	9.8	152915.1	-4908.9
8353	10.0	152916.2	-4926.6
8354	9.9	152917.1	-4951.5
8355	9.9	152920.1	-4939.9
8356	10.0	152920.6	-4920.7
8357	9.6	152927.6	-4934.0
8358	10.0	152929.1	-4940.9
8359	9.6	152930.1	-4956.9
8360	9.4	152931.1	-4926.5
8361	9.7	152931.6	-4936.3
8362	9.2	152933.6	-4935.8
8363	8.8	152935.1	-4910.3
8364	9.6	152935.6	-4920.8
8365	9.5	152939.1	-4951.9
8366	10.0	152940.1	-4934.1
8367	9.8	152945.1	-4915.5
8368	8.6	152948.1	-4956.0
8369	9.4	152950.1	-4934.6
8370	9.4	153000.1	-4957.1
8371	10.0	153000.1	-4918.8
8372	9.5	153001.6	-4955.8
8373	9.0	153002.8	-4902.9
8374	9.6	153003.6	-4934.9
8375	9.5	153010.1	-4908.8
8376	10.0	153011.6	-4942.5
8377	9.0	153018.1	-4942.2
8378	9.4	153020.1	-4919.1
8379	9.7	153020.1	-4900.3
8380	10.0	153021.1	-4915.2
8381	9.4	153022.1	-4947.1
8382	9.6	153023.6	-4933.6
8383	9.7	153026.1	-4926.2
8384	9.6	153026.6	-4923.1
8385	9.9	153032.1	-4939.1
8386	10.0	153036.6	-4922.9
8387	9.7	153036.6	-4900.0
8388	9.7	153037.6	-4944.8
8389	10.0	153040.1	-4919.6

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8390	9.9	153040.6	-4929.1
8391	10.0	153045.6	-4940.7
8392	9.4	153048.1	-4921.6
8393	9.0	153050.1	-4913.7
8394	10.0	153050.6	-4945.8
8395	9.0	153055.1	-4925.6
8396	10.0	153056.1	-4903.4
8397	9.9	153056.6	-4942.6
8398	9.6	153100.1	-4922.8
8399	9.0	153101.1	-4921.1
8400	10.0	153109.6	-4908.5
8401	10.0	153111.6	-4903.2
8402	9.7	153115.6	-4947.7
8403	9.9	153120.1	-4922.6
8404	10.0	153120.6	-4906.7
8405	10.0	153122.1	-4903.8
8406	9.7	153122.6	-4955.5
8407	9.6	153123.1	-4952.0
8408	9.8	153123.6	-4935.5
8409	9.7	153127.1	-4915.9
8410	9.6	153128.1	-4953.4
8411	9.8	153131.1	-4949.3
8412	10.0	153131.6	-4936.6
8413	9.8	153137.1	-4950.0
8414	9.8	153138.1	-4944.5
8415	9.9	153140.1	-4922.2
8416	8.8	153141.6	-4926.9
8417	8.6	153142.2	-4957.7
8418	9.8	153146.6	-4941.9
8419	9.7	153146.6	-4947.3
8420	9.8	153148.1	-4919.9
8421	9.3	153150.1	-4911.8
8422	9.0	153151.6	-4944.0
8423	10.0	153155.6	-4911.2
8424	9.8	153156.1	-4920.5
8425	9.5	153157.4	-4959.7
8426	9.9	153201.6	-4906.6
8427	9.9	153205.6	-4922.1
8428	9.4	153207.1	-4953.0
8429	9.9	153207.1	-4927.0
8430	9.6	153212.1	-4937.1
8431	9.7	153213.1	-4905.6
8432	10.0	153219.1	-4914.7
8433	9.8	153219.1	-4956.1
8434	9.5	153222.1	-4946.0
8435	9.9	153229.1	-4925.6
8436	9.7	153230.1	-4940.2
8437	9.0	153231.1	-4948.3
8438	9.0	153233.6	-4951.8
8439	9.9	153234.6	-4944.0
8440	10.0	153237.1	-4945.5
8441	10.0	153240.1	-4910.4
8442	9.5	153240.6	-4954.6
8443	9.9	153244.1	-4943.2
8444	9.0	153245.1	-4945.9
8445	9.6	153304.6	-4945.2
8446	9.6	153304.7	-4959.9
8447	10.0	153305.1	-4906.3
8448	8.8	153310.1	-4936.2
8449	10.0	153311.1	-4907.2
8450	10.0	153313.1	-4945.6
8451	8.1	153314.6	-4935.6
8452	8.3	153319.6	-4922.5
8453	9.8	153320.1	-4956.1
8454	10.0	153320.1	-4927.8
8455	10.0	153320.1	-4945.6
8456	9.9	153320.6	-4920.6
8457	9.1	153321.6	-4928.4
8458	9.6	153328.1	-4953.6
8459	9.2	153328.1	-4948.0
8460	9.4	153328.1	-4932.7
8461	7.6	153335.1	-4905.2
8462	9.9	153336.2	-4958.4
8463	9.0	153339.1	-4913.2
8464	9.4	153339.1	-4955.5
8465	9.5	153346.6	-4929.4
8466	9.8	153347.1	-4955.6
8467	9.3	153351.1	-4905.2
8468	9.6	153351.1	-4914.3
8469	10.0	153355.1	-4904.6
8470	10.0	153357.1	-4906.5
8471	8.6	153358.1	-4934.2
8472	9.4	153401.4	-4958.0
8473	9.0	153403.4	-4959.6
8474	10.0	153406.1	-4925.3
8475	10.0	153406.1	-4918.5
8476	9.9	153408.6	-4923.2
8477	8.8	153410.9	-4959.7
8478	10.0	153411.1	-4905.7
8479	9.9	153412.1	-4926.4

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-49 8839 15h50m

8480	9.3	153415.1	-4905.1	8570	9.7	153813.1	-4910.2	8660	8.4	154225.1	-4904.9
8481	9.3	153421.6	-4926.9	8571	9.5	153822.1	-4903.6	8661	9.0	154230.1	-4931.4
8482	9.5	153421.6	-4913.9	8572	9.6	153824.6	-4941.5	8662	10.0	154235.1	-4956.8
8483	9.4	153424.1	-4951.1	8573	9.8	153825.1	-4901.4	8663	10.0	154235.6	-4906.0
8484	9.8	153429.6	-4953.9	8574	9.8	153825.1	-4948.8	8664	9.8	154237.1	-4920.1
8485	10.0	153430.1	-4940.9	8575	9.0	153827.1	-4953.4	8665	9.6	154237.6	-4923.0
8486	10.0	153439.1	-4929.5	8576	10.0	153833.1	-4918.9	8666	10.0	154237.6	-4937.2
8487	9.6	153441.1	-4913.2	8577	9.6	153833.6	-4944.9	8667	9.1	154238.6	-4939.9
8488	10.0	153443.5	-4929.9	8578	9.0	153835.1	-4913.4	8668	10.0	154240.1	-4905.9
8489	9.4	153447.1	-4956.7	8579	8.9	153840.1	-4945.7	8669	9.8	154241.1	-4908.8
8490	8.8	153448.6	-4918.4	8580	9.8	153843.1	-4938.0	8670	10.0	154249.6	-4927.6
8491	9.5	153450.6	-4930.3	8581	9.8	153846.2	-4946.0	8671	9.2	154301.1	-4916.2
8492	8.6	153451.6	-4941.3	8582	9.9	153846.6	-4957.0	8672	9.2	154302.1	-4905.4
8493	9.8	153453.6	-4955.8	8583	10.0	153848.6	-4939.1	8673	9.5	154303.1	-4904.7
8494	9.4	153500.1	-4912.3	8584	10.0	153852.1	-4905.8	8674	9.5	154305.1	-4944.1
8495	9.7	153501.1	-4917.6	8585	9.5	153857.1	-4955.6	8675	8.8	154310.1	-4951.4
8496	7.6	153502.6	-4948.9	8586	9.2	153900.1	-4948.8	8676	9.5	154310.1	-4912.7
8497	9.9	153505.1	-4909.6	8587	9.9	153902.1	-4903.6	8677	10.0	154312.1	-4923.8
8498	9.9	153506.1	-4935.0	8588	8.2	153905.1	-4921.2	8678	9.8	154312.6	-4940.2
8499	9.7	153511.1	-4951.1	8589	9.8	153907.8	-4957.3	8679	9.3	154314.1	-4930.8
8500	9.0	153511.1	-4919.1	8590	9.9	153912.1	-4917.2	8680	8.4	154317.1	-4914.1
8501	9.3	153513.6	-4936.1	8591	7.8	153915.1	-4922.3	8681	9.5	154317.6	-4952.3
8502	9.8	153517.1	-4933.4	8592	10.0	153920.1	-4908.7	8682	10.0	154321.1	-4943.3
8503	8.7	153518.1	-4943.3	8593	9.5	153923.1	-4921.9	8683	10.0	154322.1	-4931.5
8504	9.8	153520.1	-4955.6	8594	10.0	153925.6	-4900.5	8684	9.4	154331.1	-4908.7
8505	9.7	153521.1	-4932.8	8595	9.4	153926.1	-4907.6	8685	9.2	154332.1	-4946.0
8506	9.7	153522.1	-4940.6	8596	9.5	153927.6	-4950.7	8686	7.7	154342.1	-4949.6
8507	9.4	153524.6	-4939.5	8597	9.6	153929.1	-4938.1	8687	9.6	154343.1	-4922.9
8508	9.9	153525.1	-4903.5	8598	9.5	153930.1	-4951.7	8688	9.6	154343.1	-4928.9
8509	9.8	153531.1	-4959.4	8599	9.6	153932.1	-4947.1	8689	7.9	154347.1	-4914.4
8510	9.8	153535.1	-4917.6	8600	9.5	153932.6	-4949.0	8690	9.5	154350.1	-4947.9
8511	9.6	153535.1	-4900.0	8601	9.6	153934.1	-4935.1	8691	9.8	154355.1	-4908.2
8512	9.5	153540.1	-4943.7	8602	9.8	153935.6	-4930.3	8692	9.3	154356.6	-4910.4
8513	9.5	153540.1	-4936.5	8603	9.6	153941.6	-4930.7	8693	9.9	154356.6	-4955.5
8514	9.4	153542.1	-4937.1	8604	9.9	153943.1	-4902.5	8694	10.0	154400.1	-4905.0
8515	10.0	153550.6	-4932.8	8605	9.6	153943.1	-4936.9	8695	10.0	154401.1	-4946.6
8516	10.0	153553.2	-4901.4	8606	9.9	153950.1	-4908.8	8696	10.0	154403.1	-4902.7
8517	9.2	153600.1	-4950.7	8607	10.0	153954.6	-4940.4	8697	9.5	154404.3	-4957.0
8518	10.0	153601.1	-4919.5	8608	10.0	153957.1	-4939.3	8698	9.5	154409.1	-4943.2
8519	9.5	153601.1	-4926.2	8609	8.8	154004.6	-4914.5	8699	9.8	154411.1	-4911.6
8520	8.7	153603.1	-4912.7	8610	8.5	154004.6	-4908.3	8700	9.9	154412.1	-4902.7
8521	9.8	153607.6	-4930.4	8611	8.4	154006.6	-4906.7	8701	9.0	154417.6	-4924.2
8522	10.0	153608.1	-4952.2	8612	9.4	154008.1	-4920.7	8702	10.0	154421.1	-4932.3
8523	9.8	153611.6	-4907.9	8613	9.4	154010.1	-4907.2	8703	9.4	154422.1	-4939.4
8524	9.9	153613.1	-4911.1	8614	9.6	154011.1	-4913.7	8704	9.9	154423.6	-4949.2
8525	8.2	153613.6	-4924.7	8615	10.0	154011.6	-4902.6	8705	10.0	154423.6	-4947.6
8526	9.9	153614.1	-4929.9	8616	9.6	154015.1	-4929.9	8706	10.0	154424.1	-4914.7
8527	9.9	153615.6	-4936.7	8617	9.3	154020.1	-4937.9	8707	9.0	154424.1	-4924.1
8528	9.8	153623.6	-4947.8	8618	9.0	154022.1	-4902.8	8708	8.4	154424.1	-4931.2
8529	10.0	153630.1	-4952.2	8619	8.8	154028.1	-4934.0	8709	9.8	154426.6	-4946.1
8530	10.0	153635.1	-4911.8	8620	9.8	154029.1	-4909.1	8710	9.6	154428.1	-4915.6
8531	9.5	153637.6	-4944.4	8621	8.9	154032.1	-4934.5	8711	9.9	154432.1	-4953.1
8532	9.5	153638.1	-4945.4	8622	9.0	154036.1	-4902.1	8712	10.0	154437.1	-4909.3
8533	9.0	153639.1	-4946.4	8623	9.6	154040.1	-4948.9	8713	9.6	154440.1	-4945.8
8534	10.0	153642.6	-4951.5	8624	10.0	154046.1	-4910.4	8714	9.5	154442.6	-4934.1
8535	9.9	153643.9	-4939.6	8625	10.0	154047.6	-4934.4	8715	10.0	154443.0	-4937.7
8536	10.0	153654.1	-4923.0	8626	10.0	154049.1	-4901.7	8716	9.1	154443.5	-4926.8
8537	9.8	153658.8	-4901.2	8627	9.6	154050.1	-4936.6	8717	9.9	154449.7	-4956.3
8538	9.6	153659.1	-4930.2	8628	10.0	154050.6	-4906.5	8718	9.0	154449.7	-4953.1
8539	9.8	153700.6	-4906.6	8629	8.4	154056.6	-4946.1	8719	10.0	154454.5	-4958.7
8540	9.2	153701.6	-4907.1	8630	8.9	154100.1	-4951.1	8720	9.9	154455.1	-4925.1
8541	9.5	153708.1	-4908.1	8631	10.0	154101.1	-4935.7	8721	10.0	154506.0	-4916.8
8542	9.6	153710.1	-4950.5	8632	10.0	154103.1	-4934.7	8722	10.0	154509.0	-4951.7
8543	9.8	153711.1	-4943.0	8633	9.8	154111.1	-4926.2	8723	9.8	154509.8	-4930.9
8544	10.0	153711.6	-4907.2	8634	9.8	154119.1	-4902.9	8724	9.6	154511.5	-4941.4
8545	10.0	153713.1	-4914.9	8635	8.4	154119.6	-4907.9	8725	9.5	154516.2	-4917.6
8546	9.8	153714.6	-4929.0	8636	9.9	154123.1	-4909.6	8726	9.9	154518.5	-4921.6
8547	10.0	153715.1	-4900.5	8637	9.8	154124.1	-4919.0	8727	9.4	154524.5	-4942.7
8548	9.9	153722.1	-4923.1	8638	9.6	154125.1	-4900.3	8728	9.4	154528.7	-4955.3
8549	9.0	153727.1	-4945.1	8639	8.9	154130.1	-4952.5	8729	9.8	154530.8	-4955.2
8550	9.8	153727.1	-4907.1	8640	10.0	154131.1	-4920.4	8730	10.0	154537.6	-4928.9
8551	9.7	153727.6	-4938.4	8641	9.9	154133.6	-4915.7	8731	7.2	154538.7	-4957.8
8552	7.9	153737.1	-4949.8	8642	10.0	154139.1	-4902.0	8732	10.0	154539.3	-4905.2
8553	10.0	153738.1	-4924.7	8643	9.6	154140.1	-4907.7	8733	9.5	154543.8	-4915.4
8554	9.4	153739.1	-4958.7	8644	9.0	154142.6	-4905.0	8734	10.1	154544.3	-4946.6
8555	9.2	153740.1	-4932.6	8645	9.5	154152.1	-4915.5	8735	9.8	154544.8	-4936.0
8556	10.0	153741.1	-4950.6	8646	9.2	154154.1	-4957.0	8736	7.9	154550.1	-4901.8
8557	10.0	153741.9	-4956.3	8647	10.0	154155.6	-4956.5	8737	9.8	154555.3	-4909.1
8558	9.4	153745.1	-4945.4	8648	9.9	154158.1	-4908.4	8738	9.5	154555.3	-4914.0
8559	9.0	153746.1	-4910.4	8649	9.2	154159.1	-4931.8	8739	10.0	154600.3	-4926.8
8560	9.9	153746.6	-4917.7	8650	9.4	154159.1	-4918.4	8740	9.2	154600.3	-4945.8
8561	9.7	153800.2	-4930.6	8651	9.0	154200.6	-4932.3	8741	9.5	154604.3	-4907.7
8562	9.0	153801.1	-4945.3	8652	9.8	154202.1	-4948.9	8742	10.0	154607.8	-4931.4
8563	10.0	153801.1	-4937.7	8653	9.5	154205.1	-4921.2	8743	10.1	154610.3	-4929.5
8564	9.8	153802.0	-4957.6	8654	9.5	154205.1	-4946.8	8744	10.1	154610.3	-4951.2
8565	9.9	153803.1	-4936.8	8655	10.0	154211.1	-4914.1	8745	9.2	154611.8	-4932.6
8566	9.7	153810.1	-4901.5	8656	9.0	154213.1	-4939.5	8746	7.9	154613.8	-4936.3
8567	9.7	153810.1	-4943.8	8657	9.3	154215.1	-4923.6	8747	10.0	154619.3	-4924.3
8568	9.9	153812.1	-4943.0	8658	9.4	154219.1	-4922.6	8748	10.0	154620.8	-4924.8
8569	9.0	153812.1	-4939.4	8659	10.0	154224.5	-4908.9	8749	10.1	154622.0	-4959.9
8750	9.5	154626.3	-4925.4								
8751	10.0	154627.3	-4919.6								
8752	9.5	154628.8	-4929.1								
8753	10.0	154634.8	-4904.4								
8754	9.8	154640.3	-4924.4								
8755	10.0	154640.8	-4952.8								
8756	9.1	154642.3	-4931.8								
8757	9.6	154642.5	-4959.1								
8758	8.7	154642.8	-4918.8								
8759	10.0	154645.8	-4933.5								
8760	9.9	154647.8	-4955.0								
8761	10.1	154649.3	-4957.9								
8762	9.6	154650.3	-4921.6								
8763	9.3	154651.3	-4923.5								
8764	8.3	154700.1	-4901.7								
8765	9.7	154700.3	-4915.4								
8766	9.8	154707.8	-4915.8								
8767	8.2	154722.3	-4916.4								
8768	9.8	154722.3	-4918.2								
8769	10.0	154722.8	-4920.6								
8770	9.5	154724.3	-4952.8								
8771	9.3	154725.8	-4915.8								
8772	10.0	154727.3	-4922.0								
8773	9.3	154727.8	-4941.6								
8774	10.0	154728.8	-4913.2								
8775	9.7	154733.3	-4923.6								
8776	10.1	154735.8	-4914.2								
8777	10.0	154739.8	-4928.0								
8778	9.8	154746.3	-4943.8								
8779	9.7	154747.3	-4918.4								
8780	9.7	154748.3	-4949.4								
8781	9.9	154748.8	-4958.0								
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8783	10.1	154753.8	-4908.6								
8784	9.1	154755.8	-4929.7								
8785	9.7	154801.8	-4928.8								
8786	9.8	154809.8	-4911.8								
8787	9.7	154811.8	-4924.6								
8788	10.1	154814.3	-4914.2								
8789	7.8	154815.3	-4954.2								
8790	9.9	154817.3	-4930.8								
8791	9.7	154818.3	-4924.4								
8792	10.1	154820.3	-4944.2								
8793	8.6	154821.8	-4918.6								
8794	9.7	154822.3	-4948.2								
8795	10.0	154830.8	-4942.0								
8796	10.1	154832.3	-4919.8								
8797	10.0	154841.3	-4909.7								
8798	9.3	154842.3	-4953.2								
8799	9.1	154842.3	-4952.5								
8800	10.1	154850.3	-4918.0								
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8803	9.5	154851.8	-4926.0								
8804	10.1	154852.3	-4941.6								
8805	10.0	154903.8	-4939.9								
8806	9.7	154908.3	-4906.7								
8807	9.5	154909.3	-4928.3								
8808	9.6	154910.8	-4934.2								
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8810	9.5	154914.3	-4916.1								
8811	9.9	154919.3	-4923.6								
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8836	9.9	155023.8	-4938.3								
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-49 8840 15h50m

8840 9.5 155033.3 -4915.4	8930 10.0 155656.3 -4923.5	9020 9.0 160404.0 -4913.8	9110 10.1 160837.5 -4938.1
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8912 9.0 155519.3 -4936.9	9002 10.0 160301.5 -4942.9	9092 9.4 160730.5 -4927.2	9182 9.2 161115.5 -4912.2
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-49 9199 16h12m

-49 9200 16h12m

-49 9559 16h34m

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9724	9.9	165239.7	-4913.9
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9726	9.8	165259.7	-4909.6
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9736	10.0	165431.7	-4919.4
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9894	8.8	171050.0	-4925.6
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-49 9920 17h12m

-4910279 17h40m

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-4910280 17h41m

-4910639 18h23m

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-4910640 18h23m

-4910999 19h25m

10640	10.0	182351.7	-4955.6	10730	10.0	183704.7	-4947.7	10820	10.6	185055.6	-4901.7
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10649	10.4	182524.7	-4941.9	10739	10.0	183801.7	-4937.2	10829	8.2	185327.6	-4930.9
10650	9.8	182526.7	-4905.2	10740	10.0	183811.7	-4904.6	10830	10.6	185332.1	-4956.9
10651	10.4	182529.2	-4925.0	10741	10.2	183811.7	-4938.4	10831	9.0	185332.6	-4928.9
10652	10.2	182529.7	-4942.3	10742	10.4	183821.7	-4915.8	10832	10.6	185341.1	-4940.0
10653	9.8	182604.7	-4923.5	10743	9.4	183827.7	-4928.1	10833	9.0	185354.1	-4937.5
10654	9.8	182604.7	-4918.2	10744	9.0	183828.2	-4922.0	10834	10.6	185412.1	-4903.1
10655	9.4	182618.2	-4913.6	10745	9.2	183837.2	-4947.5	10835	9.2	185421.8	-4902.3
10656	9.8	182635.2	-4912.1	10746	10.4	183852.7	-4927.6	10836	10.6	185428.6	-4948.2
10657	10.0	182644.7	-4901.0	10747	10.4	183856.7	-4904.5	10837	9.0	185453.1	-4915.0
10658	10.4	182644.7	-4949.8	10748	9.2	183911.7	-4939.6	10838	9.0	185500.1	-4950.1
10659	10.2	182645.7	-4958.0	10749	9.0	183914.7	-4909.5	10839	9.6	185510.1	-4948.5
10660	9.8	182647.7	-4919.3	10750	9.6	183919.7	-4922.0	10840	10.2	185511.8	-4901.1
10661	10.0	182649.2	-4927.4	10751	10.4	183921.7	-4947.1	10841	10.6	185514.1	-4900.7
10662	10.0	182659.7	-4908.9	10752	10.0	183930.1	-4957.8	10842	10.6	185516.0	-4914.3
10663	9.6	182711.7	-4909.8	10753	8.6	183949.7	-4951.0	10843	10.6	185528.6	-4938.1
10664	10.0	182715.7	-4905.8	10754	9.8	184007.2	-4926.2	10844	8.0	185605.6	-4934.3
10665	10.0	182719.7	-4902.1	10755	10.0	184009.7	-4927.7	10845	9.8	185622.1	-4928.9
10666	9.4	182726.3	-4901.3	10756	9.6	184030.7	-4937.8	10846	9.2	185658.1	-4916.5
10667	8.8	182729.7	-4943.0	10757	10.4	184039.7	-4935.9	10847	10.6	185700.1	-4904.0
10668	9.8	182731.7	-4924.4	10758	9.4	184039.7	-4923.6	10848	10.0	185707.6	-4947.2
10669	10.4	182733.8	-4959.6	10759	9.2	184118.1	-4957.	10849	10.2	185712.1	-4949.1
10670	10.0	182739.6	-4936.3	10760	9.0	184119.7	-4943.3	10850	10.2	185722.1	-4938.9
10671	10.4	182744.2	-4911.8	10761	10.4	184139.7	-4916.9	10851	8.6	185722.1	-4911.2
10672	9.4	182807.2	-4942.0	10762	8.0	184149.9	-4954.8	10852	10.2	185723.6	-4947.5
10673	10.0	182816.2	-4902.7	10763	10.4	184155.2	-4944.7	10853	9.6	185739.6	-4945.1
10674	10.4	182816.2	-4948.2	10764	9.4	184209.7	-4933.4	10854	10.0	185744.6	-4950.1
10675	9.8	182841.7	-4920.1	10765	10.0	184213.2	-4941.1	10855	9.8	185754.1	-4931.9
10676	8.2	182858.2	-4933.1	10766	10.4	184214.7	-4906.4	10856	8.8	185800.1	-4912.9
10677	10.0	182859.2	-4903.7	10767	7.9	184227.7	-4948.3	10857	10.6	185808.1	-4934.9
10678	9.2	182901.7	-4927.7	10768	9.8	184231.7	-4922.7	10858	9.8	185827.6	-4911.2
10679	10.4	182908.2	-4922.1	10769	9.8	184234.2	-4932.5	10859	10.0	185838.6	-4952.3
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10681	9.6	182911.6	-4905.0	10771	10.0	184311.2	-4950.5	10861	10.6	185850.1	-4919.5
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10683	10.0	182921.7	-4936.9	10773	8.0	184336.7	-4930.1	10863	10.0	185913.1	-4904.8
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10686	10.0	182932.2	-4927.4	10776	9.0	184349.7	-4936.6	10866	10.6	185936.6	-4939.8
10687	9.4	182935.7	-4921.0	10777	9.6	184405.9	-4947.9	10867	9.6	185950.1	-4943.3
10688	10.0	182948.2	-4940.6	10778	10.4	184409.7	-4932.9	10868	9.8	185956.2	-4913.7
10689	10.4	182949.7	-4959.6	10779	10.0	184417.4	-4930.7	10869	10.6	190000.1	-4946.7
10690	9.8	182951.7	-4917.9	10780	8.2	184436.7	-4949.1	10870	10.0	190005.1	-4908.1
10691	9.6	183000.7	-4914.8	10781	10.4	184443.5	-4901.8	10871	10.2	190010.1	-4919.7
10692	9.2	183009.7	-4955.7	10782	10.4	184457.7	-4949.9	10872	10.0	190010.1	-4918.9
10693	9.4	183014.7	-4909.4	10783	10.2	184500.7	-4941.9	10873	9.0	190017.1	-4922.8
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10695	9.2	183019.7	-4953.7	10785	9.8	184520.4	-4911.4	10875	10.6	190022.2	-4934.1
10696	10.4	183047.2	-4903.6	10786	9.8	184529.9	-4920.9	10876	9.6	190022.6	-4920.6
10697	10.2	183109.7	-4909.7	10787	10.6	184538.1	-4955.3	10877	9.2	190032.1	-4953.3
10698	10.0	183137.2	-4943.7	10788	10.6	184538.1	-4952.9	10878	8.6	190040.1	-4930.6
10699	10.4	183139.7	-4912.4	10789	10.4	184620.1	-4935.2	10879	10.6	190047.1	-4948.8
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10701	9.8	183142.7	-4915.5	10791	9.4	184642.1	-4937.5	10881	10.6	190052.1	-4938.9
10702	8.8	183211.7	-4906.1	10792	10.2	184651.6	-4926.6	10882	10.6	190055.6	-4938.1
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10705	10.4	183347.7	-4908.5	10795	10.0	184748.6	-4924.7	10885	10.6	190211.6	-4940.7
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10713	9.4	183419.7	-4954.9	10803	9.8	184820.1	-4954.1	10893	10.6	190353.6	-4936.3
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10717	9.6	183452.2	-4936.6	10807	9.0	184919.1	-4908.6	10897	9.6	190438.5	-4902.6
10718	9.0	183519.7	-4945.1	10808	10.6	184923.1	-4949.3	10898	10.6	190444.2	-4934.6
10719	7.8	183539.7	-4906.7	10809	10.6	184932.6	-4920.1	10899	10.6	190451.1	-4953.6
10720	10.4	183550.7	-4917.6	10810	8.8	184940.1	-4939.9	10900	9.6	190510.1	-4944.8
10721	10.4	183621.7	-4909.5	10811	10.2	184940.1	-4911.2	10901	10.2	190521.6	-4929.7
10722	10.4	183624.7	-4928.9	10812	10.0	184949.1	-4945.0	10902	10.6	190528.6	-4941.2
10723	10.0	183639.7	-4921.7	10813	9.8	185008.1	-4950.2	10903	7.6	190532.6	-4910.2
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10726	9.6	183658.2	-4910.8	10816	8.4	185024.1	-4926.2	10906	9.8	190548.6	-4905.8
10727	10.0	183659.2	-4957.0	10817	9.0	185027.6	-4937.1	10907	10.6	190557.6	-4925.0
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10910	9.8	190703.6	-4935.2	10970	9.8	192012.7	-4950.7	10990	9.8	192259.0	-4943.1
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10925	9.0	190852.6	-4953.2	10985	9.2	192214.5	-4939.3				
10926	10.6	190902.6	-4910.2	10986	10.0	192233.0	-4932.8				
10927	10.6	190922.6	-4951.0	10987	10.2	192234.0	-4943.2				
10928	9.8	190929.6	-4938.0	10988	9.0	192242.5	-4917.7				
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10933	9.4	191010.1	-4931.6								
10934	10.6	191012.1	-4916.0								
10935	9.8	191020.1	-4942.0								
10936	10.6	191040.1	-4939.2								
10937	9.8	191107.1	-4946.0								
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10939	8.8	191118.1	-4945.4								
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10942	9.0	191132.4	-4900.8								
10943	10.0	191134.6	-4926.0								
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10966	9.6	191837.7	-4915.4								
10967	9.4	191851.6	-4900.2								
10968	9.2	192001.2	-4912.6								
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-4911000 19h25m

-4911359 20h56m

11000	9.8	192551.3	-4932.9	11090	9.6	194519.5	-4933.7	11180	9.4	200444.0	-4940.6
11001	9.8	192601.3	-4936.9	11091	10.8	194529.0	-4948.2	11181	10.0	200458.9	-4911.1
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11011	10.2	192816.3	-4948.5	11101	8.6	194729.5	-4956.9	11191	10.8	200833.4	-4944.7
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11019	8.8	193023.8	-4950.2	11109	10.6	194919.0	-4925.6	11199	10.8	201003.9	-4913.8
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11029	9.8	193144.9	-4953.1	11119	7.8	195123.0	-4956.8	11209	8.0	201310.4	-4950.5
11030	9.8	193147.4	-4936.0	11120	9.6	195140.5	-4946.1	11210	9.2	201331.9	-4903.2
11031	9.4	193204.4	-4929.5	11121	10.4	195157.5	-4929.4	11211	7.8	201332.9	-4915.7
11032	10.2	193204.6	-4918.1	11122	9.0	195215.0	-4930.5	11212	10.0	201338.4	-4920.3
11033	9.6	193219.9	-4927.9	11123	10.4	195221.5	-4929.8	11213	10.0	201343.3	-4912.1
11034	10.0	193300.4	-4914.5	11124	10.6	195236.0	-4933.6	11214	10.0	201348.3	-4931.9
11035	10.2	193319.9	-4905.1	11125	10.2	195246.5	-4937.8	11215	10.4	201349.6	-4917.1
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11037	10.2	193337.1	-4922.5	11127	10.6	195320.0	-4944.6	11217	9.8	201439.1	-4907.4
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11040	9.2	193347.1	-4919.7	11130	10.6	195405.0	-4903.5	11220	10.0	201544.6	-4927.9
11041	9.8	193355.1	-4939.6	11131	10.8	195420.5	-4928.8	11221	9.8	201554.1	-4939.5
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11043	10.2	193441.1	-4942.2	11133	10.4	195440.0	-4931.2	11223	10.4	201639.4	-4943.6
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11046	10.2	193502.1	-4910.4	11136	9.0	195503.0	-4907.9	11226	10.4	201802.9	-4916.2
11047	9.8	193510.1	-4944.7	11137	10.2	195507.3	-4959.3	11227	7.6	201812.2	-4900.1
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11049	10.2	193542.1	-4922.7	11139	10.6	195644.2	-4902.2	11229	9.4	201837.4	-4925.8
11050	9.6	193607.6	-4913.8	11140	8.8	195644.9	-4952.3	11230	9.0	201900.9	-4910.9
11051	10.0	193608.1	-4918.6	11141	10.8	195648.4	-4905.5	11231	9.4	201905.9	-4943.1
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11053	9.8	193617.1	-4950.7	11143	9.2	195708.4	-4903.7	11233	8.8	201933.4	-4905.2
11054	10.2	193618.6	-4909.1	11144	9.6	195709.4	-4932.8	11234	9.8	201943.9	-4946.3
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11057	9.0	193648.1	-4914.2	11147	10.0	195754.4	-4918.4	11237	10.4	202021.4	-4949.5
11058	9.8	193712.1	-4900.4	11148	10.4	195800.9	-4907.7	11238	10.4	202054.9	-4917.3
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11060	10.2	193716.8	-4922.7	11150	10.8	195809.9	-4933.4	11240	8.4	202118.9	-4951.3
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11072	10.0	193938.3	-4924.5	11162	10.2	200047.9	-4952.4	11252	8.4	202319.9	-4932.0
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11079	9.6	194155.9	-4927.2	11169	10.0	200238.4	-4933.4	11259	10.4	202459.9	-4950.6
11080	10.2	194220.9	-4940.1	11170	10.8	200239.6	-4926.6	11260	9.2	202526.9	-4930.4
11081	8.3	194313.4	-4959.6	11171	10.0	200239.9	-4906.6	11261	10.0	202559.4	-4937.8
11082	10.2	194317.4	-4925.4	11172	10.0	200247.9	-4944.0	11262	9.4	202650.4	-4902.2
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11086	10.0	194410.5	-4906.3	11176	10.2	200359.4	-4923.8	11266	10.2	202723.9	-4950.6
11087	9.4	194423.4	-4909.6	11177	10.8	200359.4	-4935.8	11267	10.4	202737.4	-4910.1
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11089	9.2	194455.0	-4946.9	11179	10.6	200414.9	-4910.3	11269	9.8	202804.4	-4927.8
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-4911360 20h57m

-4911719 23h11m

11360	9.8	205734.8	-4949.4	11450	10.6	212846.7	-4930.5	11540	9.8	215828.1	-4958.6
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11404	9.8	211428.1	-4945.1	11494	10.6	213842.1	-4952.8	11584	9.8	221201.9	-4911.9
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11406	9.8	211536.3	-4913.9	11496	10.2	214029.2	-4935.5	11586	9.2	221218.9	-4915.1
11407	9.6	211537.3	-4917.4	11497	9.4	214053.7	-4934.5	11587	9.8	221233.5	-4921.1
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11409	9.0	211610.5	-4942.7	11499	9.4	214101.2	-4929.0	11589	9.8	221245.5	-4903.7
11410	10.2	211632.0	-4929.1	11500	9.4	214103.7	-4915.5	11590	9.8	221319.0	-4902.4
11411	10.2	211652.0	-4955.3	11501	10.6	214110.2	-4921.3	11591	9.6	221413.6	-4940.7
11412	9.5	211700.0	-4913.5	11502	10.4	214112.7	-4934.6	11592	8.8	221447.5	-4927.6
11413	10.6	211708.0	-4905.1	11503	8.2	214113.7	-4941.9	11593	10.4	221531.5	-4900.1
11414	10.4	211720.4	-4918.2	11504	10.4	214120.2	-4936.6	11594	10.4	221538.0	-4902.6
11415	9.6	211813.0	-4946.0	11505	9.8	214131.2	-4903.1	11595	7.4	221636.0	-4929.4
11416	9.0	211822.5	-4929.0	11506	9.2	214148.7	-4938.5	11596	8.0	221641.5	-4926.7
11417	10.4	211851.4	-4923.1	11507	9.6	214159.0	-4915.1	11597	10.0	221749.5	-4937.9
11418	10.2	211919.0	-4918.9	11508	10.0	214220.0	-4936.2	11598	9.6	221758.5	-4911.1
11419	8.7	211920.5	-4948.2	11509	10.4	214234.0	-4948.2	11599	10.4	221822.5	-4937.9
11420	10.4	211941.5	-4939.9	11510	9.8	214254.0	-4933.0	11600	10.4	221928.0	-4943.0
11421	10.4	212001.7	-4916.2	11511	10.6	214342.0	-4936.0	11601	9.6	221928.0	-4926.8
11422	10.2	212004.2	-4957.8	11512	10.6	214404.5	-4931.8	11602	10.4	221936.5	-4939.7
11423	9.2	212021.7	-4951.4	11513	10.2	214425.5	-4911.0	11603	6.9	221936.8	-4959.6
11424	9.0	212029.9	-4958.0	11514	10.4	214450.5	-4942.5	11604	10.4	222019.0	-4948.0
11425	10.4	212049.7	-4955.7	11515	8.4	214532.8	-4945.6	11605	9.2	222040.0	-4953.7
11426	9.8	212105.0	-4902.8	11516	9.6	214556.8	-4920.4	11606	10.2	222101.0	-4954.0
11427	10.4	212139.2	-4940.7	11517	8.8	214741.7	-4934.8	11607	8.7	222106.5	-4933.6
11428	10.2	212221.2	-4919.2	11518	9.2	214819.0	-4909.0	11608	8.1	222142.2	-4908.7
11429	9.5	212230.2	-4932.9	11519	9.8	214823.7	-4928.5	11609	8.1	222150.7	-4909.9
11430	9.4	212248.7	-4911.5	11520	9.8	214857.0	-4902.2	11610	8.8	222158.9	-4900.8
11431	10.6	212332.2	-4916.6	11521	8.8	214937.8	-4926.2	11611	10.0	222211.7	-4909.5
11432	9.8	212338.7	-4941.8	11522	9.3	214957.8	-4955.8	11612	9.6	222306.2	-4916.2
11433	10.6	212351.2	-4911.7	11523	9.3	215103.8	-4934.6	11613	8.2	222350.7	-4943.6
11434	8.0	212351.7	-4924.0	11524	9.8	215109.4	-4957.7	11614	10.4	222354.2	-4915.1
11435	9.8	212422.2	-4946.6	11525	9.5	215122.8	-4910.0	11615	9.2	222356.0	-4957.4
11436	10.4	212459.4	-4958.7	11526	8.9	215212.9	-4926.2	11616	8.7	222408.7	-4948.8
11437	8.6	212508.2	-4954.0	11527	9.1	215227.9	-4955.8	11617	10.4	222528.7	-4930.6
11438	10.6	212510.2	-4927.8	11528	9.5	215308.9	-4939.4	11618	10.0	222534.2	-4900.4
11439	9.1	212511.2	-4932.0	11529	9.8	215343.0	-4901.2	11619	10.4	222634.7	-4916.1
11440	9.6	212525.2	-4938.0	11530	9.6	215506.0	-4956.0	11620	9.8	222652.7	-4913.0
11441	10.0	212539.4	-4956.9	11531	9.5	215511.5	-4925.0	11621	10.4	222719.7	-4951.7
11442	10.6	212540.7	-4931.8	11532	9.8	215531.0	-4900.0	11622	9.2	222720.7	-4912.0
11443	10.0	212609.2	-4952.4	11533	9.8	215541.0	-4918.0	11623	9.6	222733.2	-4941.4
11444	9.1	212619.2	-4908.3	11534	9.8	215551.7	-4959.6	11624	10.2	222756.2	-4948.9
11445	9.8	212621.9	-4957.1	11535	9.8	215702.5	-4910.2	11625	10.0	222827.2	-4962.0
11446	10.4	212643.2	-4922.9	11536	9.8	215708.5	-4939.6	11626	8.9	222953.0	-4920.2
11447	9.8	212650.2	-4957.9	11537	7.8	215727.4	-4919.3	11627	10.0	223002.5	-4927.9
11448	10.6	212736.7	-4953.8	11538	9.6	215807.8	-4958.3	11628	8.7	223029.0	-4924.4
11449	10.2	212739.2	-4903.1	11539	8.6	215824.5	-4905.4	11629	10.4	223052.5	-4946.4
11630	8.7	223057.5	-4956.6	11640	9.8	223347.0	-4939.2	11650	10.0	223748.9	-4910.6
11631	8.2	223058.0	-4919.7	11641	9.8	223350.5	-4913.7	11651	9.6	223818.4	-4956.2
11632	10.0	223108.0	-4947.9	11642	9.4	223358.0	-4906.4	11652	10.0	223832.9	-4907.5
11633	10.4	223108.7	-4901.4	11643	10.4	223406.5	-4910.6	11653	7.0	223836.4	-4938.0
11634	10.4	223219.0	-4910.4	11644	10.4	223411.0	-4914.3	11654	8.7	223850.8	-4902.9
11635	9.2	223235.0	-4956.0	11645	10.4	223502.5	-4955.4	11655	9.4	223908.4	-4913.6
11636	9.6	223238.0	-4955.2	11646	10.4	223504.0	-4931.6	11656	9.4	223910.1	-4902.4
11637	10.4	223243.0	-4917.2	11647	10.0	223622.9	-4943.2	11657	9.6	224013.4	-4933.8
11638	10.4	223315.0	-4939.8	11648	10.4	223658.7	-4957.9	11658	10.4	224033.4	-4952.2
11639	10.4	223337.0	-4946.0	11649	9.6	223738.9	-4920.1	11659	10.4	224039.9	-4924.6
11660	10.0	224151.4	-4901.1	11670	9.8	224405.2	-4955.8	11680	9.8	224848.3	-4919.0
11661	10.0	224201.9	-4955.0	11671	10.4	224410.2	-4905.5	11681	10.4	224939.8	-4933.7
11662	10.2	224201.9	-4902.1	11672	6.4	224613.3	-4915.6	11682	8.8	225031.3	-4906.4
11663	9.2	224202.4	-4905.4	11673	10.2	224651.8	-4953.2	11683	10.4	225116.3	-4908.7
11664	9.0	224210.7	-4914.0	11674	10.0	224730.8	-4927.9	11684	9.2	225142.8	-4950.2
11665	9.2	224217.2	-4953.9	11675	7.0	224758.8	-4908.0	11685	10.4	225201.8	-4953.2
11666	9.6	224301.2	-4912.6	11676	6.6	224758.8	-4909.6	11686	8.8	225209.8	-4944.8
11667	9.4	224316.7	-4939.2	11677	8.8	224821.8	-4942.9	11687	10.4	225316.3	-4951.7
11668	10.4	224324.2	-4901.8	11678	7.8	224829.3	-4922.2	11688	8.2	225338.8	-4936.7
11669	9.4	224348.5	-4949.0	11679	9.4	224841.3	-4908.2	11689	10.4	225407.8	-4921.0
11690	10.0	225531.8	-4930.3	11700	10.4	225932.6	-4956.4	11710	8.4	230628.1	-4928.7
11691	8.9	225537.6	-4944.1	11701	9.6	230121.6	-4928.5	11711	8.5	230630.1	-4949.4
11692	10.4	225543.6	-4925.6	11702	9.2	230129.1	-4940.1	11712	9.4	230721.6	-4914.0
11693	10.2	225655.1	-4956.2	11703	10.4	230209.6	-4906.8	11713	8.0	230736.6	-4915.4
11694	10.4	225700.1	-4927.3	11704	10.0	230217.6	-4942.3	11714	8.2	230741.6	-4940.6
11695	10.2	225825.6	-4940.5	11705	9.8	230305.1	-4933.6	11715	9.8	230744.1	-4929.1
11696	9.8	225828.1	-4954.5	11706	10.0	230335.6	-4920.6	11716	8.7	230830.6	-4913.6
11697	10.2	225830.6	-4956.0	11707	9.6	230335.6	-4952.0	11717	9.2	231026.6	-4909.6
11698	10.0	225851.6	-4917.0	11708	10.4	230427.6	-4943.6	11718	9.2	231130.6	-4906.6
11699	8.8	225920.6	-4954.4	11709	10.0	230441.4	-4921.5	11719	9.4	231132.1	-4939.1

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11720	9.6	231353.5	-4905.9	11810	9.5	234457.8	-4928.0	42	10.0	01505.8	-5027.8	132	8.7	04901.0	-5008.3
11721	10.4	231408.7	-4912.4	11811	9.6	234458.5	-4903.5	43	10.4	01540.3	-5006.4	133	8.9	04904.0	-5034.8
11722	10.2	231409.2	-4936.2	11812	9.6	234501.8	-4903.8	44	10.3	01614.9	-5020.9	134	10.0	04939.0	-5022.2
11723	10.0	231440.2	-4943.6	11813	9.0	234523.2	-4932.5	45	10.3	01735.1	-5057.8	135	9.6	04946.8	-5037.8
11724	10.0	231443.3	-4958.8	11814	9.8	234610.0	-4923.9	46	8.4	01737.6	-5003.0	136	10.3	04958.3	-5054.5
11725	9.6	231556.0	-4919.4	11815	9.6	234621.2	-4938.6	47	9.0	01739.6	-5037.9	137	10.0	05000.3	-5057.2
11726	9.2	231628.0	-4906.2	11816	10.4	234622.2	-4924.0	48	9.6	01837.1	-5041.3	138	10.2	05001.3	-5051.0
11727	10.0	231645.8	-4956.1	11817	8.2	234650.2	-4937.8	49	9.6	01931.3	-5053.0	139	10.2	05020.8	-5016.7
11728	10.0	231706.0	-4922.3	11818	9.0	234708.7	-4943.1	50	9.8	01938.8	-5045.2	140	8.9	05131.3	-5016.5
11729	10.0	231706.3	-4900.4	11819	10.4	234710.7	-4917.6	51	9.3	01942.8	-5025.3	141	9.0	05232.8	-5041.7
11730	10.2	231721.8	-4933.0	11820	10.4	234740.7	-4902.4	52	10.4	01958.3	-5051.4	142	9.2	05403.8	-5006.2
11731	9.0	231829.8	-4934.8	11821	9.4	234812.2	-4933.7	53	8.4	02039.3	-5010.0	143	8.1	05416.8	-5025.5
11732	9.6	231907.8	-4935.7	11822	9.2	234818.2	-4920.2	54	10.4	02113.8	-5054.4	144	10.4	05500.8	-5047.3
11733	9.8	231936.8	-4948.4	11823	9.6	234929.2	-4901.4	55	9.3	02115.3	-5031.2	145	10.2	05510.8	-5029.3
11734	9.0	231943.3	-4901.5	11824	10.4	234938.7	-4950.5	56	8.6	02158.8	-5025.6	146	10.4	05531.8	-5046.5
11735	9.6	232000.8	-4902.3	11825	9.8	234947.7	-4925.1	57	9.8	02204.8	-5012.7	147	8.9	05616.8	-5055.9
11736	10.0	232001.3	-4940.8	11826	10.4	235014.2	-4947.0	58	10.4	02212.3	-5024.8	148	8.1	05631.8	-5019.6
11737	10.2	232005.0	-4930.9	11827	10.4	235022.7	-4911.9	59	9.8	02234.8	-5023.6	149	8.6	05637.3	-5024.2
11738	9.9	232021.5	-4956.9	11828	10.4	235043.2	-4904.0	60	9.8	02244.8	-5040.3	150	10.2	05657.8	-5027.7
11739	10.0	232058.8	-4936.6	11829	9.6	235100.2	-4933.8	61	8.9	02255.8	-5044.6	151	9.9	05952.5	-5033.9
11740	7.6	232232.8	-4905.3	11830	10.2	235101.5	-4915.9	62	9.6	02441.8	-5026.6	152	9.2	05958.0	-5028.8
11741	10.2	232237.8	-4920.4	11831	10.4	235121.5	-4901.0	63	10.2	02542.3	-5019.4	153	9.8	10034.5	-5050.9
11742	9.9	232252.3	-4937.8	11832	10.0	235151.5	-4941.6	64	9.8	02645.3	-5042.0	154	10.0	10114.0	-5036.3
11743	8.6	232347.8	-4912.6	11833	9.9	235201.5	-4958.5	65	9.8	02706.3	-5059.2	155	8.8	10146.0	-5042.8
11744	10.2	232417.8	-4929.1	11834	10.4	235248.0	-4928.2	66	10.0	02837.8	-5037.0	156	10.3	10300.5	-5043.5
11745	10.0	232511.8	-4947.1	11835	10.4	235320.5	-4910.5	67	10.2	02855.3	-5043.8	157	10.2	10451.0	-5019.1
11746	9.4	232516.8	-4909.3	11836	9.0	235355.5	-4948.3	68	10.4	02907.3	-5053.7	158	10.3	10501.0	-5028.1
11747	8.5	232530.8	-4954.3	11837	10.4	235408.0	-4915.4	69	10.2	02910.3	-5015.9	159	8.5	10506.0	-5022.7
11748	9.5	232605.8	-4945.3	11838	9.8	235413.0	-4924.6	70	10.4	02939.6	-5059.7	160	8.6	10514.0	-5017.5
11749	9.0	232625.8	-4922.8	11839	10.4	235430.5	-4901.1	71	10.0	02941.3	-5015.6	161	9.4	10650.5	-5038.0
11750	9.4	232710.3	-4931.3	11840	6.8	235439.0	-4920.3	72	9.0	02951.0	-5058.7	162	9.0	10706.0	-5032.4
11751	8.4	232710.8	-4912.6	11841	9.8	235507.0	-4960.7	73	10.4	03003.0	-5054.4	163	8.4	10714.0	-5025.9
11752	8.8	232752.3	-4924.3	11842	10.4	235512.5	-4937.5	74	10.2	03054.3	-5002.1	164	9.6	10731.9	-5057.2
11753	9.6	232757.8	-4935.7	11843	8.5	235522.0	-4915.4	75	10.4	03127.5	-5034.9	165	9.6	10753.0	-5026.4
11754	8.6	232805.8	-4919.1	11844	10.2	235527.5	-4917.0	76	10.0	03137.5	-5043.8	166	9.0	10811.0	-5046.5
11755	10.0	232821.3	-4940.1	11845	10.4	235529.5	-4927.0	77	9.6	03151.0	-5049.1	167	9.0	10900.2	-5054.8
11756	10.2	232842.8	-4933.6	11846	10.4	235534.8	-4900.3	78	10.4	03226.1	-5031.2	168	10.0	10909.7	-5034.0
11757	9.6	232845.3	-4942.3	11847	10.0	235606.5	-4912.6	79	10.2	03241.0	-5022.2	169	9.0	10930.2	-5052.9
11758	9.6	232912.2	-4957.4	11848	9.4	235632.0	-4935.7	80	9.6	03244.0	-5035.8	170	10.3	11205.7	-5004.7
11759	9.6	232932.3	-4916.6	11849	9.6	235649.5	-4951.6	81	9.0	03250.5	-5011.2	171	8.5	11229.2	-5027.2
11760	10.2	232939.0	-4948.6	11850	10.4	235715.8	-4907.5	82	10.4	03257.5	-5011.2	172	8.9	11237.2	-5000.1
11761	9.5	233009.8	-4908.9	11851	9.7	235726.0	-4935.4	83	10.4	03302.5	-5006.7	173	10.3	11417.0	-5001.8
11762	10.2	233012.3	-4919.9	11852	10.4	235728.0	-4931.1	84	10.3	03303.0	-5019.0	174	8.8	11429.5	-5040.3
11763	10.2	233029.8	-4955.9	11853	10.4	235745.5	-4948.9	85	10.3	03318.5	-5054.0	175	9.0	11439.1	-5027.7
11764	8.8	233143.3	-4929.2	11854	9.6	235759.5	-4930.2	86	10.4	03321.0	-5041.8	176	9.0	11441.1	-5046.5
11765	9.4	233145.3	-4927.3	11855	8.8	235852.0	-4950.3	87	10.2	03336.5	-5042.2	177	8.2	11516.7	-5013.2
11766	8.8	233155.8	-4946.6	11856	10.4	235903.0	-4904.4	88	10.4	03402.0	-5028.2	178	11.2	11532.6	-5049.0
11767	10.2	233207.9	-4933.4	11857	9.9	235938.0	-4922.4	89	10.4	03407.2	-5059.9	179	10.2	11538.2	-5007.2
11768	9.6	233240.8	-4941.9	11858	6.2	235951.0	-4946.3	90	10.4	03408.0	-5016.6	180	8.6	11551.6	-5017.8
11769	10.0	233252.6	-4901.6	1	10.4	00005.3	-5002.5	91	10.4	03419.0	-5039.8	181	7.0	11601.2	-5023.8
11770	9.8	233301.8	-4914.8	2	10.2	00014.3	-5043.2	92	8.4	03450.5	-5016.4	182	11.2	11621.7	-5013.2
11771	10.2	233335.8	-4933.8	3	10.4	00019.3	-5055.8	93	10.4	03526.0	-5001.3	183	8.6	11630.8	-5001.6
11772	9.6	233337.3	-4935.6	4	10.2	00047.8	-5017.8	94	9.8	03526.7	-5059.4	184	9.8	11643.2	-5018.9
11773	8.5	233345.8	-4953.3	5	10.0	00057.3	-5055.0	95	10.2	03547.0	-5023.8	185	10.4	11649.2	-5004.0
11774	10.2	233347.8	-4911.7	6	10.4	00134.3	-5052.5	96	9.6	03602.5	-5055.7	186	10.8	11658.7	-5014.0
11775	9.8	233410.8	-4930.6	7	10.4	00139.3	-5029.6	97	10.0	03622.5	-5003.5	187	11.2	11705.7	-5002.8
11776	10.2	233410.9	-4952.3	8	9.2	00153.8	-5025.0	98	10.3	03634.5	-5021.2	188	11.2	11741.2	-5035.6
11777	10.0	233417.9	-4945.9	9	10.2	00157.3	-5057.2	99	9.4	03647.0	-5025.0	189	11.2	11750.2	-5037.8
11778	10.0	233458.8	-4902.1	10	10.2	00232.3	-5019.2	100	9.5	03653.0	-5021.0	190	11.0	11827.2	-5041.0
11779	9.0	233512.3	-4920.1	11	8.5	00248.3	-5042.6	101	10.4	03721.0	-5036.6	191	8.6	11851.2	-5010.2
11780	9.8	233609.6	-4901.3	12	9.4	00248.8	-5045.7	102	9.5	03745.5	-5015.8	192	10.4	11912.2	-5037.2
11781	10.0	233611.8	-4941.0	13	6.6	00249.8	-5051.8	103	10.3	03810.5	-5009.8	193	10.2	11931.2	-5015.1
11782	10.0	233652.8	-4927.6	14	8.6	00330.3	-5033.4	104	6.7	03825.0	-5004.2	194	9.4	12119.7	-5022.2
11783	10.2	233710.8	-4954.0	15	8.0	00335.3	-5057.9	105	7.4	03833.0	-5023.4	195	11.2	12205.8	-5014.8
11784	9.6	233714.3	-4943.9	16	10.2	00347.8	-5004.5	106	10.3	03852.5	-5046.5	196	11.2	12213.7	-5007.1
11785	10.2	233729.9	-4926.8	17	10.2	00429.3	-5038.4	107	10.4	03912.5	-5000.7	197	11.2	12425.7	-5041.9
11786	9.4	233803.8	-4925.2	18	8.5	00514.8	-5019.3	108	10.0	03931.5	-5036.4	198	10.8	12456.2	-5007.2
11787	10.2	233807.8	-4920.5	19	8.3	00521.3	-5020.9	109	10.4	04003.0	-5003.2	199	10.2	12500.2	-5000.6
11788	9.0	233859.8	-4922.2	20	10.4	00526.3	-5022.8	110	10.3	04016.5	-5014.4	200	11.2	12520.2	-5013.8
11789	9.0	233940.8	-4909.6	21	10.4	00552.3	-5047.9	111	9.5	04042.0	-5044.8	201	11.2	12536.2	-5038.2
11790	8.2	233952.8	-4939.2	22	10.2	00613.3	-5053.0	112	10.4	04057.2	-5038.6	202	7.4	12609.2	-5032.7
11791	10.0	233959.8	-4908.9	23	10.4	00629.8	-5042.1	113	10.3	04101.7	-5004.9	203	11.2	12720.2	-5032.9
11792	10.0	234021.8	-4955.7	24	9.1	00746.6	-5057.6	114	9.6	04130.2	-5041.1	204	8.4	12722.2	-5010.2
11793	9.9	234027.8	-4929.7	25	9.2	00805.5	-5002.5	115	10.2	04144.2	-5015.9	205	7.0	12729.2	-5022.0
11794	9.6	234028.8	-4907.3	26	8.2	00817.3	-5033.5	116	10.0	04229.2	-5026.2	206	8.4	12758.8	-5045.7
11795	10.0	234038.3	-4956.3	27	9.6	00821.1	-5002.5	117	10.3	04313.2	-5014.5	207	11.0	12800.6	-5024.8
11796	10.2	234038.6	-4900.4	28	8.8	00911.3	-5053.6	118	9.8	04325.2	-5046.4	208	11.0	12846.6	-5041.2
11797	10.2	234048.9	-4926.1	29	9.0	00941.3	-5051.8	119	9.3	04331.2	-5057.1	209	10.8	12853.6	-5021.6
11798	9.6	234100.8	-4900.4	30	10.2	00955.3	-5002.8	120	10.2	04342.7	-5056.8	210	11.2	12859.3	-5057.2
11799	9.9	234100.8	-4941.6	31	8.4	01028.3	-5019.3	121	10.4	04358.2	-5045.3	211	9.6	12909.3	-5005.3
11800	10.0	234126.3	-4947.0	32	9.4	01105.8	-5020.3	122	9.5	04406.7	-5033.7	212	10.6	12935.3	-5047.3
11801	10.0	234144.3	-4926.7	33	9.6	01154.3	-5048.9	123	10.2	04510.9	-5001.5	213	9.0	12940.3	-5026.6
11802	10.2	234201.9	-4909.4	34	7.9	01210.3	-5035.9	124	9.0	04543.1	-5020.9	214	10.4	12945.8	-5051.7
11803	9.8	234240.8	-4944.5	35	10.4	01224.3	-5005.5	125	8.2	04603.0	-5049.9	215	11.0	13009.8	-5011.3
11804	9.6	234311.3	-4959.9	36	10.4	01240.8	-5002.1	126	10.3	04616.0	-5027.7	216	10.6	13027.8	-5042.5
11805	9.6	234332.3	-4950.1	37	10.4	01246.8	-5039.8	127	10.3	04641.0	-5047.7	217	11.2	13032.8	-5054.3
11806	9.8	234352.3	-4939.8	38	10.4	01310.6	-5007.5	128	10.2	04650.4	-5001.9	218	11.2	13114.3	-5019.9
11807	10.0	234411.0	-4950.2	39	10.4	01411.3	-5052.6	129	9.6	04650.5	-5007.5	219	9.4	13122.8	-5033.9
11808	7.4	234426.5	-4921.2	40	9.9	01453.5	-5045.6	130	9.6	04729.5	-5051.9	220	11.2	13131.3	-5041.6
11809	9.0	234438.8	-4922.7	41	9.9	01500.0	-5058.7	131	10.2	04833.5	-5019.1	221	11.0	13139.5	-5058.9

-50 222 1h33m

-50 581 4h18m

222	10.4	13354.8	-5056.2	312	9.8	20751.8	-5026.1	402	7.9	25345.1	-5039.2	492	9.8	34447.3	-5033.0
223	10.2	13428.3	-5022.0	313	10.5	20752.3	-5027.3	403	9.9	25546.1	-5043.0	493	9.6	34456.6	-5039.9
224	11.2	13507.8	-5059.0	314	10.5	20814.8	-5001.0	404	9.7	25621.1	-5032.2	494	8.2	34500.8	-5029.2
225	11.2	13540.6	-5001.1	315	9.6	20847.3	-5012.2	405	9.2	25636.1	-5049.5	495	9.7	34514.8	-5040.9
226	11.2	13611.6	-5014.8	316	10.5	20940.3	-5037.0	406	8.2	25649.1	-5015.2	496	9.6	34520.8	-5059.6
227	11.2	13611.8	-5041.6	317	9.8	20940.8	-5026.5	407	7.9	25839.6	-5021.3	497	9.6	34522.6	-5023.9
228	7.0	13640.8	-5040.3	318	10.5	20954.8	-5038.0	408	8.8	25845.6	-5010.9	498	9.6	34522.8	-5047.2
229	10.6	13706.3	-5001.0	319	9.6	21038.3	-5054.8	409	9.8	25954.1	-5031.9	499	9.8	34528.1	-5053.9
230	10.4	13715.3	-5053.4	320	10.2	21041.8	-5056.4	410	9.7	30151.1	-5031.1	500	8.7	34533.1	-5025.3
231	10.2	13749.3	-5005.8	321	9.8	21110.8	-5033.0	411	8.4	30204.6	-5020.6	501	8.8	34551.3	-5047.6
232	9.4	13751.6	-5050.2	322	10.2	21117.8	-5020.8	412	9.4	30348.6	-5043.8	502	9.2	34604.9	-5017.2
233	11.2	13753.3	-5053.7	323	8.8	21200.8	-5009.1	413	9.2	30407.6	-5031.2	503	9.3	34818.8	-5016.4
234	9.2	13757.3	-5023.4	324	9.8	21206.1	-5046.6	414	8.4	30413.7	-5054.6	504	9.9	34838.8	-5036.4
235	11.2	13816.3	-5038.4	325	10.1	21213.6	-5026.1	415	9.0	30415.2	-5028.6	505	9.6	34857.3	-5051.7
236	11.2	13839.3	-5007.8	326	10.3	21231.6	-5015.9	416	9.0	30459.7	-5050.0	506	9.9	34903.1	-5040.2
237	10.0	13909.8	-5016.7	327	10.4	21249.1	-5035.6	417	9.6	30642.7	-5012.9	507	8.7	34903.3	-5018.7
238	8.4	13917.8	-5043.6	328	9.0	21312.3	-5049.4	418	8.4	30701.2	-5030.3	508	9.6	34915.1	-5041.5
239	8.4	13947.3	-5007.1	329	10.5	21323.6	-5048.4	419	9.8	30710.7	-5022.5	509	9.4	34919.8	-5031.6
240	11.2	14018.0	-5016.7	330	10.5	21325.6	-5000.0	420	9.9	30727.2	-5005.0	510	9.9	34920.3	-5005.2
241	10.6	14107.8	-5011.5	331	10.3	21429.1	-5038.7	421	8.8	30744.7	-5044.5	511	9.0	34921.8	-5033.8
242	9.0	14150.8	-5042.8	332	10.5	21437.6	-5000.8	422	8.5	30959.1	-5022.6	512	9.0	34936.3	-5026.6
243	8.2	14151.8	-5016.2	333	10.4	21439.3	-5019.8	423	9.8	31008.6	-5006.4	513	9.3	34953.8	-5030.3
244	10.4	14152.8	-5040.9	334	9.6	21518.3	-5029.2	424	9.9	31109.6	-5041.3	514	9.8	34955.8	-5028.6
245	10.2	14205.8	-5039.5	335	10.2	21529.6	-5055.9	425	9.4	31157.6	-5041.5	515	8.7	35106.3	-5023.9
246	10.2	14211.3	-5026.6	336	7.8	21546.3	-5052.6	426	9.9	31212.6	-5055.9	516	8.2	35320.8	-5007.1
247	9.2	14218.8	-5003.2	337	10.1	21553.1	-5016.9	427	8.9	31214.1	-5036.9	517	9.7	35429.3	-5044.9
248	10.2	14304.8	-5024.5	338	10.4	21605.6	-5028.5	428	9.2	31215.1	-5052.2	518	9.4	35459.3	-5037.7
249	9.2	14311.8	-5047.8	339	10.3	21611.6	-5058.5	429	9.9	31229.6	-5043.2	519	9.8	35542.3	-5020.3
250	10.8	14321.8	-5021.1	340	7.6	21726.0	-5005.6	430	9.9	31242.6	-5024.9	520	9.1	35624.8	-5040.9
251	11.2	14343.3	-5011.7	341	8.9	21749.0	-5045.2	431	9.9	31259.3	-5037.5	521	9.7	35633.8	-5005.1
252	8.8	14441.3	-5052.4	342	8.9	21758.0	-5015.0	432	9.9	31307.9	-5054.0	522	9.0	35636.8	-5033.5
253	10.8	14452.1	-5020.4	343	10.0	22014.8	-5007.0	433	8.5	31323.7	-5025.6	523	9.4	35650.8	-5036.0
254	10.6	14526.3	-5026.4	344	9.2	22023.4	-5052.4	434	9.5	31327.9	-5043.1	524	9.9	35654.3	-5000.4
255	11.0	14526.8	-5029.9	345	10.0	22118.8	-5047.0	435	9.5	31327.9	-5021.8	525	8.8	35709.3	-5008.1
256	11.2	14531.0	-5012.1	346	9.4	22240.9	-5050.8	436	9.9	31334.5	-5059.0	526	9.4	35723.8	-5037.6
257	9.0	14531.8	-5029.2	347	9.0	22309.9	-5027.0	437	9.5	31423.9	-5035.6	527	9.2	35740.3	-5046.2
258	9.2	14532.8	-5054.4	348	9.0	22329.9	-5022.6	438	9.9	31617.4	-5022.7	528	9.9	35750.3	-5041.9
259	9.2	14547.1	-5052.8	349	7.9	22346.4	-5051.8	439	9.2	31854.5	-5013.4	529	8.0	35803.8	-5051.3
260	10.4	14602.4	-5032.7	350	9.2	22446.4	-5004.6	440	9.7	31902.5	-5016.9	530	9.2	35821.3	-5028.1
261	6.3	14602.6	-5049.4	351	8.8	22452.9	-5028.0	441	8.5	31924.0	-5026.6	531	7.6	35829.3	-5051.3
262	9.1	14617.9	-5057.0	352	9.7	22512.2	-5059.1	442	9.6	31931.0	-5054.4	532	9.9	35921.3	-5020.7
263	8.4	14625.9	-5035.5	353	10.0	22517.8	-5021.1	443	9.6	31933.0	-5032.4	533	9.4	35945.8	-5054.1
264	9.8	14645.4	-5033.0	354	8.9	22550.4	-5029.0	444	9.7	32011.0	-5014.2	534	9.9	35952.8	-5049.9
265	10.5	14646.4	-5051.2	355	9.1	22811.6	-5058.5	445	9.6	32033.0	-5049.8	535	8.4	40009.3	-5034.7
266	10.3	14653.4	-5004.2	356	8.2	22835.9	-5020.2	446	8.7	32053.0	-5026.8	536	9.9	40023.8	-5024.3
267	10.5	14654.9	-5032.8	357	9.6	22858.4	-5005.0	447	9.4	32057.5	-5026.9	537	9.8	40037.3	-5059.2
268	8.3	14657.4	-5036.7	358	9.7	23024.8	-5033.0	448	9.2	32158.5	-5040.0	538	9.9	40039.8	-5033.6
269	9.4	14711.4	-5017.7	359	8.1	23116.8	-5006.6	449	9.7	32248.5	-5008.9	539	9.0	40105.8	-5054.3
270	8.7	14731.4	-5009.0	360	9.6	23201.6	-5000.0	450	9.3	32303.5	-5005.5	540	9.9	40138.8	-5029.1
271	8.6	14733.9	-5008.3	361	10.0	23341.3	-5030.9	451	8.6	32306.5	-5008.8	541	9.9	40207.3	-5017.7
272	9.6	14826.4	-5031.0	362	9.8	23349.8	-5016.4	452	9.7	32315.0	-5042.0	542	9.6	40257.8	-5057.8
273	10.5	14827.9	-5006.1	363	9.6	23442.0	-5000.2	453	9.0	32315.5	-5006.4	543	9.7	40301.3	-5054.1
274	10.0	14951.9	-5025.0	364	8.9	23518.8	-5032.6	454	8.3	32327.5	-5053.7	544	9.8	40349.3	-5009.8
275	10.5	15034.4	-5047.3	365	9.4	23551.8	-5050.5	455	9.7	32427.0	-5013.7	545	8.8	40413.8	-5026.3
276	9.1	15039.9	-5059.2	366	10.0	23627.5	-5057.9	456	9.2	32507.5	-5014.8	546	9.0	40420.3	-5036.4
277	6.8	15120.4	-5026.8	367	10.0	23726.3	-5016.3	457	9.7	32652.5	-5039.5	547	9.9	40427.3	-5010.9
278	10.4	15143.9	-5039.8	368	9.3	23729.8	-5006.6	458	8.6	32750.5	-5031.7	548	8.2	40431.8	-5030.4
279	8.3	15151.4	-5001.0	369	7.6	23825.3	-5015.6	459	8.0	32812.5	-5018.4	549	8.8	40436.3	-5050.5
280	9.8	15156.2	-5053.1	370	10.0	23931.3	-5059.8	460	9.0	32827.5	-5014.4	550	8.8	40516.8	-5032.6
281	10.4	15208.2	-5015.2	371	8.1	24118.8	-5039.4	461	6.8	32851.5	-5048.3	551	9.7	40527.3	-5047.7
282	9.2	15221.2	-5051.2	372	9.8	24259.4	-5019.5	462	8.8	32938.5	-5015.9	552	8.8	40614.3	-5016.7
283	10.5	15242.7	-5028.6	373	9.6	24307.5	-5000.8	463	9.3	32955.5	-5059.0	553	9.8	40642.3	-5054.3
284	10.5	15252.2	-5031.4	374	9.6	24345.0	-5012.7	464	9.7	33129.0	-5038.7	554	9.7	40647.4	-5000.5
285	10.4	15301.4	-5011.2	375	8.9	24346.3	-5011.7	465	7.6	33309.2	-5022.1	555	9.6	40656.5	-5041.1
286	9.8	15331.2	-5058.5	376	9.4	24358.3	-5048.4	466	9.6	33333.7	-5016.1	556	9.9	40715.0	-5019.1
287	8.5	15427.7	-5045.0	377	9.8	24408.8	-5022.7	467	9.6	33356.2	-5039.0	557	9.7	40716.5	-5030.1
288	10.3	15521.5	-5008.2	378	10.0	24424.2	-5058.4	468	8.9	33356.2	-5002.1	558	9.7	40810.0	-5040.5
289	9.8	15604.5	-5054.2	379	9.2	24508.0	-5045.8	469	9.7	33441.2	-5032.7	559	9.9	40827.5	-5042..
290	10.5	15605.0	-5019.3	380	9.6	24513.3	-5045.7	470	9.7	33504.7	-5000.8	560	9.8	40838.5	-5002.1
291	8.0	15711.0	-5043.9	381	9.8	24531.2	-5002.8	471	8.6	33530.2	-5042.5	561	9.9	40848.5	-5057.1
292	8.2	15730.0	-5000.7	382	8.0	24658.2	-5049.3	472	9.2	33552.7	-5012.1	562	9.6	40954.5	-5044.7
293	10.4	15752.0	-5022.2	383	9.7	24705.2	-5034.0	473	9.3	33601.7	-5032.7	563	9.3	40955.0	-5027.0
294	8.0	15818.5	-5005.6	384	7.0	24749.2	-5022.8	474	9.2	33608.2	-5057.3	564	9.9	41005.0	-5021.9
295	10.3	15851.0	-5016.5	385	7.7	24753.1	-5043.6	475	9.6	33609.2	-5022.9	565	9.1	41014.5	-5054.3
296	10.5	15916.5	-5006.4	386	9.4	24838.8	-5059.3	476	9.3	33618.7	-5049.0	566	8.8	41100.4	-5044.2
297	10.5	20001.0	-5001.5	387	9.9	24848.1	-5059.6	477	9.7	33816.2	-5051.1	567	9.4	41103.9	-5003.2
298	9.8	20012.0	-5055.7	388	9.9	24902.6	-5007.3	478	9.7	33826.1	-5025.8	568	9.7	41232.9	-5040.3
299	7.8	20024.0	-5016.8	389	9.2	24904.1	-5032.1	479	8.2	33911.2	-5028.8	569	9.2	41307.4	-5015.6
300	10.3	20033.0	-5043.9	390	9.0	24912.1	-5041.7	480	9.4	33914.2	-5009.1	570	9.9	41312.4	-5043.7
301	10.4	20109.0	-5023.7	391	9.6	24915.1	-5026.2	481	9.2	34019.2	-5051.9	571	9.9	41407.8	-5058.0
302	10.5	20132.0	-5053.6	392	9.9	25023.6	-5007.5	482	9.0	34037.2	-5038.2	572	9.9	41452.4	-5047.8
303	9.8	20143.5	-5033.0	393	9.6	25027.6	-5052.7	483	9.7	34221.7	-5001.6	573	8.4	41526.9	-5008.5
304	9.4	20216.5	-5034.5	394	8.9	25108.1	-5010.0	484	8.8	34227.0	-5045.9	574	8.8	41613.2	-5055.0
305	10.5	20240.0	-5035.1	395	8.9	25209.1	-5059.9	485	9.7	34232.0	-5057.6	575	9.9	41613.4	-5048.8
306	9.8	20253.5	-5048.2	396	9.2	25209.6	-5042.1	486	9.6	34237.5	-5020.7	576	9.9	41642.0	-5041.5
307	9.8	20417.3	-5024.9	397	9.2	25213.1	-5042.8	487	9.0	34308.0	-5018.8	577	9.8	41747.0	-5027.3
308	10.3	20420.8	-5054.0	398	9.5	25232.1	-5051.4	488	9.4	34312.0	-5051.2	578	9.6	41811.5	-5035.5
309	10.5	20447.8	-5008.6	399	9.0	25313.1	-5038.2	489	8.5	34323.0	-5053.0	579	8.6	41827.5	-5017.9
310	9.8	20707.3	-5034.4	400	9.9	25321.1	-5001.6	490	8.1	34351.0	-5027.0	580	9.7	41842.5	-5024.5
311	10.5	20734.8	-5003.5	401	9.2	25322.1	-5002.6	491	8.8	34441.0	-5049.8	581	9.8	41852.5	-5052.1

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582	9.7	41901.5	-5011.4
583	9.3	41947.5	-5045.4
584	9.8	41955.5	-5036.5
585	9.4	42030.3	-5057.3
586	9.6	42107.5	-5006.0
587	8.0	42134.0	-5054.2
588	9.8	42144.0	-5016.8
589	8.6	42228.5	-5030.5
590	9.9	42246.5	-5003.8
591	8.8	42318.5	-5013.0
592	9.9	42350.5	-5044.8
593	9.8	42409.5	-5038.2
594	9.7	42418.5	-5005.6
595	9.9	42434.5	-5033.7
596	9.7	42527.5	-5007.9
597	9.2	42628.5	-5047.7
598	9.0	42637.5	-5052.4
599	9.3	42700.5	-5016.6
600	9.9	42747.5	-5058.4
601	9.0	42812.0	-5056.1
602	9.7	42842.5	-5023.7
603	8.2	42845.0	-5012.7
604	9.6	42846.5	-5017.9
605	9.6	42912.5	-5058.5
606	8.8	42924.5	-5044.0
607	9.4	42947.0	-5050.6
608	9.7	43003.5	-5015.5
609	9.2	43138.5	-5053.2
610	9.1	43150.5	-5043.3
611	9.9	43220.5	-5042.3
612	9.6	43234.5	-5026.1
613	9.3	43241.0	-5031.7
614	9.6	43310.0	-5030.3
615	9.1	43327.5	-5024.0
616	9.7	43333.0	-5053.9
617	9.3	43400.3	-5001.3
618	9.7	43440.5	-5009.9
619	9.0	43443.0	-5003.7
620	8.5	43550.3	-5043.4
621	9.4	43706.8	-5007.6
622	9.9	43720.3	-5035.2
623	9.9	43823.3	-5050.4
624	8.2	43846.2	-5045.4
625	9.7	43854.3	-5047.9
626	6.8	43933.8	-5043.1
627	8.4	43951.8	-5027.2
628	8.6	44016.8	-5008.1
629	8.6	44021.8	-5007.3
630	9.6	44029.3	-5024.5
631	9.6	44047.3	-5018.1
632	9.9	44101.8	-5047.0
633	9.4	44119.9	-5059.5
634	9.0	44124.8	-5045.5
635	9.0	44126.8	-5048.0
636	9.3	44137.3	-5001.1
637	7.6	44229.1	-5017.3
638	8.6	44247.6	-5050.8
639	9.4	44308.1	-5041.5
640	8.2	44331.9	-5037.0
641	9.8	44411.8	-5000.6
642	9.0	44413.3	-5005.0
643	9.9	44427.1	-5043.4
644	9.4	44444.5	-5049.2
645	8.8	44502.8	-5014.4
646	10.4	44511.4	-5046.7
647	7.6	44516.1	-5000.7
648	9.0	44520.2	-5032.3
649	8.0	44530.9	-5006.1
650	10.0	44543.4	-5022.9
651	9.4	44552.4	-5006.9
652	9.0	44555.6	-5002.8
653	9.4	44606.5	-5007.7
654	10.4	44628.1	-5002.6
655	10.0	44639.4	-5056.5
656	10.4	44721.4	-5011.5
657	10.2	44738.9	-5018.3
658	10.4	44800.4	-5054.3
659	10.4	44804.9	-5031.5
660	10.0	44811.4	-5014.7
661	8.6	44811.9	-5047.3
662	10.2	44814.4	-5027.6
663	9.5	44906.6	-5028.5
664	10.2	44912.6	-5015.5
665	10.4	44933.6	-5048.6
666	10.2	44935.6	-5045.6
667	10.2	45051.6	-5016.2
668	10.2	45102.1	-5015.5
669	9.6	45154.1	-5030.9
670	8.7	45156.1	-5008.6
671	10.0	45204.6	-5028.1
672	10.0	45221.1	-5016.9
673	9.5	45251.6	-5050.5
674	9.6	45321.5	-5002.8
675	8.4	45326.6	-5002.6
676	9.4	45334.6	-5023.5
677	8.4	45341.6	-5041.9
678	10.0	45343.6	-5038.0
679	10.4	45423.6	-5056.3
680	10.4	45425.9	-5037.7
681	7.8	45450.3	-5046.0
682	10.4	45452.3	-5041.9
683	10.2	45455.3	-5013.8
684	10.0	45513.3	-5017.9
685	10.2	45513.8	-5056.3
686	9.4	45523.3	-5006.4
687	10.4	45550.3	-5048.7
688	10.4	45552.3	-5056.9
689	8.7	45556.3	-5019.7
690	10.4	45557.8	-5033.3
691	10.2	45614.8	-5028.5
692	9.6	45626.3	-5008.0
693	9.8	45643.3	-5034.9
694	8.8	45653.3	-5005.1
695	10.2	45655.3	-5035.0
696	10.2	45657.8	-5012.1
697	9.0	45658.3	-5024.3
698	9.4	45749.3	-5036.3
699	9.4	45842.8	-5027.1
700	8.4	45915.8	-5030.7
701	7.7	45923.3	-5037.4
702	8.0	45942.8	-5057.9
703	8.1	50002.6	-5029.7
704	9.8	50017.1	-5024.1
705	9.8	50033.1	-5051.7
706	10.2	50103.1	-5053.7
707	9.8	50153.6	-5038.6
708	10.2	50216.6	-5052.3
709	10.4	50222.6	-5017.7
710	10.4	50227.6	-5012.4
711	9.6	50228.6	-5032.6
712	9.5	50251.6	-5050.7
713	9.6	50303.1	-5044.1
714	9.0	50334.1	-5011.9
715	9.0	50342.9	-5001.2
716	10.4	50352.6	-5011.0
717	10.0	50507.8	-5022.7
718	10.0	50508.8	-5055.9
719	10.0	50509.6	-5058.1
720	9.4	50511.0	-5057.3
721	9.6	50513.3	-5014.0
722	10.4	50517.8	-5014.8
723	9.8	50641.8	-5023.5
724	10.2	50646.3	-5053.3
725	10.4	50708.3	-5051.1
726	10.4	50728.8	-5047.6
727	9.6	50732.8	-5043.7
728	9.5	50753.3	-5014.7
729	8.8	50801.3	-5052.2
730	10.2	50842.8	-5012.7
731	10.2	50851.8	-5052.9
732	10.4	50902.8	-5021.9
733	9.4	50929.3	-5019.1
734	9.4	51026.3	-5006.1
735	9.4	51032.8	-5051.3
736	9.0	51046.3	-5046.9
737	10.4	51102.8	-5020.9
738	9.4	51121.6	-5025.2
739	10.0	51132.6	-5030.3
740	10.4	51150.1	-5037.5
741	10.0	51211.4	-5059.5
742	10.2	51221.1	-5049.7
743	10.2	51222.1	-5032.4
744	10.4	51258.1	-5042.8
745	10.4	51300.6	-5043.9
746	10.4	51328.6	-5041.1
747	10.4	51336.6	-5032.5
748	10.4	51344.4	-5000.5
749	10.2	51345.6	-5009.0
750	8.8	51401.9	-5043.1
751	10.2	51416.6	-5040.5
752	10.2	51429.9	-5000.9
753	9.6	51431.1	-5022.5
754	10.2	51440.4	-5022.2
755	10.2	51507.9	-5057.2
756	9.6	51511.5	-5000.6
757	9.8	51517.9	-5042.0
758	10.2	51525.7	-5032.2
759	8.7	51526.6	-5051.6
760	10.2	51604.7	-5010.6
761	9.7	51610.2	-5056.7

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762	6.6	51618.7	-5044.4
763	9.9	51624.1	-5057.1
764	9.7	51632.1	-5026.2
765	9.4	51637.1	-5004.4
766	10.2	51650.1	-5033.2
767	9.9	51651.1	-5021.9
768	9.4	51655.1	-5055.1
769	10.1	51732.1	-5003.9
770	9.4	51846.1	-5050.4
771	9.6	51858.1	-5050.9
772	8.8	51900.1	-5013.7
773	9.9	52005.1	-5036.5
774	9.6	52029.1	-5020.0
775	10.2	52053.6	-5012.0
776	10.2	52123.1	-5047.0
777	9.7	52131.3	-5000.7
778	8.6	52153.6	-5036.4
779	8.8	52212.1	-5051.1
780	10.1	52253.1	-5017.9
781	9.9	52351.6	-5017.0
782	10.0	52352.1	-5005.4
783	9.4	52402.1	-5024.8
784	9.2	52416.1	-5008.5
785	10.1	52438.6	-5007.2
786	9.9	52440.6	-5055.5
787	10.2	52518.1	-5004.1
788	9.9	52526.1	-5032.2
789	8.5	52550.6	-5048.8
790	8.7	52712.1	-5037.8
791	8.5	52723.1	-5011.7
792	9.9	52751.6	-5037.3
793	10.2	52806.6	-5044.5
794	8.4	52811.6	-5033.0
795	8.4	52821.1	-5009.3
796	8.5	52900.6	-5050.3
797	10.1	52911.6	-5032.5
798	10.2	52938.1	-5000.7
799	9.9	52944.1	-5059.9
800	9.9	52949.1	-5046.9
801	9.0	52953.6	-5039.2
802	10.2	53013.6	-5021.4
803	8.8	53024.1	-5056.6
804	10.2	53057.1	-5043.5
805	10.2	53159.1	-5011.0
806	10.0	53208.1	-5004.4
807	9.9	53222.1	-5054.0
808	10.2	53314.	-5021.4
809	9.6	53358.	-5052.3
810	8.4	53405.1	-5028.9
811	9.4	53433.1	-5023.6
812	9.8	53510.1	-5009.1
813	7.0	53516.6	-5042.7
814	10.1	53540.1	-5014.6
815	8.9	53556.6	-5004.5
816	8.2	53559.7	-5012.1
817	10.0	53606.7	-5055.9
818	10.1	53610.7	-5031.5
819	8.6	53700.7	-5044.9
820	10.0	53713.2	-5052.9
821	10.2	53731.2	-5047.5
822	10.2	53757.7	-5010.3
823	10.2	53811.2	-5032.1
824	8.9	53822.2	-5049.0
825	9.2	53837.0	-5058.7
826	8.7	53842.7	-5004.1
827	8.9	53911.2	-5007.7
828	8.8	53925.2	-5032.3
829	8.8	54028.7	-5031.1
830	9.7	54033.7	-5032.1
831	9.2	54040.2	-5005.3
832	10.2	54051.7	-5003.2
833	10.2	54131.1	-5050.9
834	9.2	54139.6	-5007.0
835	10.1	54152.6	-5002.7
836	10.1	54203.6	-5045.4
837	9.0	54205.9	-5057.6
838	8.4	54210.6	-5015.4
839	8.6	54212.6	-5053.6
840	10.1	54226.6	-5017.8
841	10.1	54237.6	-5017.0
842	9.9	54256.1	-5009.2
843	8.4	54313.1	-5055.1
844	10.2	54328.6	-5048.9
845	10.1	54342.6	-5045.4
846	8.1	54347.8	-5054.0
847	9.2	54351.6	-5047.9
848	10.2	54419.6	-5007.9
849	10.2	54422.6	-5050.3
850	10.2	54438.6	-5022.2
851	8.9	54440.9	-5005.2
852	10.0	54445.9	-5023.4
853	10.0	54629.8	-5001.5
854	9.5	54659.9	-5014.0
855	9.6	54700.4	-5002.9
856	8.8	54712.4	-5055.7
857	8.9	54753.4	-5044.5
858	8.6	54758.7	-5040.5
859	8.8	54807.7	-5017.4
860	9.8	54816.2	-5039.8
861	10.0	54825.2	-5047.1
862	9.3	54835.2	-5039.5
863	8.8	54906.2	-5053.9
864	10.0	54910.2	-5000.8
865	8.8	54912.7	-5023.9
866	9.4	54912.7	-5056.1
867	10.0	54940.2	-5045.2
868	10.0	55059.6	-5027.1
869	7.5	55108.1	-5024.0
870	8.9	55206.1	-5036.5
871	10.0	55231.6	-5036.5
872	9.4	55327.4	-5056.2
873	10.0	55447.4	-5018.9
874	9.3	55521.9	-5017.8
875	9.3	55540.4	-5024.7
876	10.0	55542.4	-5043.0
877	8.9	55544.9	-5017.6
878	9.0	55558.4	-5041.3
879	10.0	55617.9	-5018.1
880	9.3	55635.8	-5018.8
881	9.7	55639.8	-5044.7
882	10.0	55656.3	-5019.7
883	10.0	55707.8	-5028.2
884	9.7	55713.0	-5058.7
885	10.0	55737.3	-5021.1
886	10.0	55742.8	-5014.1
887	10.0	55819.3	-5047.9
888	9.5	55824.3	-5044.3
889	9.8	55837.3	-5036.6
890	9.4	55839.3	-5042.1
891	10.0	55910.8	-5034.1
892	9.0	55916.6	-5035.9
893	10.0	55932.1	-5034.8
894	9.3	60030.6	-5029.4
895	9.2	60056.1	-5018.5
896	10.0	60105.1	-5013.6
897	10.0	60113.4	-5024.3
898	9.2	60121.6	-5058.7
899	10.0	60223.5	-5047.7
900	10.0	60242.5	-5031.3
901	9.8	60255.5	-5020.2
902	9.8	60336.5	-5025.9
903	10.0	60339.0	-5014.7
904	10.0	60341.0	-5017.5
905	10.0	60348.5	-5031.5
906	9.8	60410.0	-5018.1
907	9.8	60514.2	-5008.2
908	8.5	60514.7	-5058.5
909	10.0	60519.7	-5035.0
910	9.8	60530.2	-5044.2
911	10.0	60532.2	-5047.0
912	8.6	60551.2	-5039.1
913	9.7	60606.5	-5011.0
914	9.8	60618.0	-5035.1
915	9.4	60627.5	-5028.6
916	10.0	60659.0	-5038.5
917	9.4	60722.5	-5040.3
918	9.4	60737.0	-5040.0
919	9.8	60759.5	-5004.6
920	9.3	60800.0	-5016.3
921	7.8	60852.5	-5045.6
922	9.6	60920.0	-5008.1
923	10.0	60935.9	-5021.0
924	9.2	60938.9	-5034.0
925	10.0	61030.4	-5023.0
926	9.2	61031.7	-5000.0
927	10.0	61043.4	-5027.6
928	9.3	61051.4	-5020.2
929	9.7	61130.4	-5010.2
930	9.7	61132.9	-5001.6
931	9.8	61134.9	-5009.0
932	9.4	61136.4	-5028.8
933	10.0	61136.9	-5042.9
934	9.7	61138.9	-5050.0
935	9.6	61139.4	-5010.2
936	10.0	61159.9	-5018.4
937	10.0	61201.4	-5009.0
938	10.0	61237.2	-5041.4
939	9.6	61245.2	-5018.3
940	8.9	61304.2	-5056.1
941	10.0	61306.7	-5003.1

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942	10.0	61338.2	-5053.9	1032	10.1	63739.5	-5033.6	1122	8.3	65752.0	-5056.3
943	10.0	61406.7	-5031.9	1033	10.2	63743.0	-5031.1	1123	9.0	65800.0	-5025.8
944	9.4	61416.5	-5021.7	1034	10.1	63806.5	-5059.6	1124	9.4	65806.5	-5042.9
945	10.0	61419.5	-5058.3	1035	10.2	63820.0	-5037.6	1125	7.2	65809.5	-5017.2
946	10.0	61420.4	-5050.5	1036	9.2	63829.5	-5020.5	1126	10.0	65831.0	-5053.5
947	9.5	61451.6	-5053.7	1037	9.4	63838.5	-5022.0	1127	9.6	65843.0	-5015.9
948	8.8	61451.6	-5027.6	1038	8.5	63839.0	-5052.9	1128	8.9	65851.3	-5059.4
949	9.7	61512.4	-5044.6	1039	10.1	63908.0	-5050.3	1129	7.8	65857.0	-5014.8
950	10.0	61524.4	-5008.8	1040	9.8	63932.5	-5041.8	1130	10.2	65858.0	-5007.0
951	9.8	61533.5	-5038.1	1041	8.6	63939.5	-5019.7	1131	10.2	65927.0	-5041.2
952	10.1	61534.5	-5058.3	1042	7.0	63943.5	-5019.7	1132	9.6	65930.0	-5041.4
953	6.8	61543.3	-5018.4	1043	10.0	63951.0	-5053.1	1133	9.6	70018.0	-5010.3
954	9.2	61632.2	-5024.6	1044	9.8	63958.4	-5001.4	1134	10.2	70038.0	-5012.0
955	8.4	61644.7	-5050.5	1045	10.1	64004.2	-5036.4	1135	10.2	70039.0	-5010.6
956	10.1	61750.7	-5018.5	1046	9.8	64009.0	-5018.9	1136	8.8	70039.5	-5016.0
957	9.9	61807.2	-5011.8	1047	9.0	64010.0	-5031.6	1137	9.4	70040.0	-5028.2
958	9.2	61838.7	-5016.6	1048	10.1	64021.5	-5044.0	1138	8.1	70046.5	-5028.4
959	8.6	61915.7	-5030.8	1049	8.1	64058.5	-5023.9	1139	10.2	70059.0	-5038.8
960	9.4	61927.2	-5052.8	1050	9.4	64143.9	-5058.3	1140	10.2	70100.0	-5000.0
961	8.0	61938.9	-5002.2	1051	9.6	64148.0	-5049.8	1141	10.0	70105.0	-5045.4
962	9.0	61939.7	-5054.2	1052	8.2	64150.5	-5026.5	1142	10.2	70111.0	-5054.8
963	10.2	62022.7	-5052.1	1053	9.8	64208.5	-5009.2	1143	8.2	70117.0	-5011.0
964	8.4	62044.7	-5009.4	1054	10.2	64221.5	-5000.6	1144	9.6	70132.5	-5043.0
965	7.8	62104.7	-5027.6	1055	10.2	64225.4	-5058.8	1145	10.2	70142.5	-5054.3
966	9.8	62116.2	-5051.0	1056	9.0	64229.5	-5036.6	1146	10.0	70204.5	-5037.3
967	8.2	62129.2	-5001.5	1057	10.1	64336.?	-5009.3	1147	8.0	70206.0	-5010.2
968	9.5	62139.7	-5011.7	1058	10.1	64342.0	-5041.2	1148	10.2	70224.5	-5004.2
969	9.6	62229.7	-5013.3	1059	9.2	64353.7	-5014.9	1149	8.9	70228.0	-5006.9
970	10.1	62234.7	-5021.3	1060	10.2	64403.9	-5043.0	1150	8.9	70242.0	-5036.8
971	10.2	62239.7	-5004.6	1061	10.2	64421.1	-5045.5	1151	10.0	70258.5	-5059.6
972	9.6	62252.7	-5053.9	1062	10.2	64457.5	-5026.6	1152	10.2	70304.0	-5017.2
973	10.2	62316.2	-5035.5	1063	9.6	64529.5	-5036.0	1153	10.2	70331.0	-5056.6
974	10.1	62318.7	-5056.1	1064	10.2	64533.5	-5011.4	1154	8.1	70347.5	-5026.0
975	10.2	62329.2	-5012.0	1065	10.2	64542.8	-5031.8	1155	10.0	70352.7	-5001.3
976	9.2	62402.2	-5032.2	1066	10.2	64630.0	-5045.0	1156	8.8	70406.0	-5056.4
977	10.2	62402.7	-5015.6	1067	10.2	64634.2	-5000.8	1157	9.6	70426.5	-5021.2
978	10.2	62410.7	-5029.4	1068	9.4	64639.0	-5048.8	1158	10.0	70433.9	-5042.9
979	10.2	62433.7	-5041.7	1069	8.6	64643.9	-5000.0	1159	10.0	70437.0	-5047.0
980	9.2	62527.2	-5028.9	1070	5.0	64650.5	-5027.9	1160	10.2	70438.7	-5001.6
981	9.8	62551.0	-5057.8	1071	9.2	64653.5	-5048.0	1161	9.8	70439.5	-5019.5
982	10.2	62603.7	-5015.3	1072	9.4	64710.0	-5009.0	1162	10.2	70443.0	-5045.6
983	10.1	62634.2	-5011.8	1073	9.8	64721.0	-5054.4	1163	10.2	70457.0	-5022.7
984	8.9	62644.2	-5009.1	1074	10.2	64742.0	-5014.5	1164	10.2	70514.0	-5023.0
985	9.0	62658.2	-5050.8	1075	10.2	64748.0	-5058.0	1165	10.2	70515.9	-5054.2
986	9.5	62658.7	-5021.7	1076	10.0	64749.0	-5043.2	1166	10.2	70523.0	-5043.7
987	9.6	62659.7	-5004.6	1077	9.6	64812.5	-5022.8	1167	10.2	70523.5	-5057.2
988	10.2	62711.2	-5012.0	1078	9.2	64819.0	-5035.2	1168	10.2	70529.5	-5047.8
989	9.6	62759.7	-5014.9	1079	9.6	64847.5	-5046.5	1169	9.8	70531.5	-5012.3
990	10.0	62802.2	-5046.9	1080	10.0	64902.5	-5038.0	1170	9.0	70546.5	-5045.6
991	10.1	62814.2	-5022.0	1081	10.2	64928.5	-5049.0	1171	9.4	70600.5	-5050.9
992	10.2	62921.2	-5046.3	1082	10.2	65010.5	-5016.9	1172	9.0	70618.0	-5050.8
993	9.6	62938.9	-5059.9	1083	8.4	65014.7	-5059.1	1173	8.0	70626.5	-5008.0
994	7.8	62947.2	-5022.6	1084	9.4	65016.5	-5039.1	1174	10.2	70628.5	-5041.3
995	9.6	63009.7	-5046.5	1085	10.2	65025.0	-5003.5	1175	10.0	70636.5	-5021.6
996	10.2	63011.7	-5046.1	1086	10.2	65029.7	-5000.6	1176	8.8	70642.5	-5013.4
997	10.2	63025.6	-5029.4	1087	10.2	65032.0	-5055.3	1177	8.8	70702.5	-5046.3
998	8.6	63033.7	-5017.4	1088	9.0	65051.0	-5005.3	1178	10.2	70725.5	-5036.1
999	10.2	63044.6	-5017.3	1089	7.2	65057.5	-5027.6	1179	10.2	70726.0	-5034.1
1000	9.0	63101.2	-5020.3	1090	10.2	65113.?	-5052.5	1180	10.0	70746.5	-5059.0
1001	9.6	63101.9	-5001.7	1091	10.2	65142.5	-5009.4	1181	9.6	70752.0	-5048.4
1002	9.8	63118.7	-5035.2	1092	10.2	65201.5	-5021.2	1182	9.4	70800.3	-5057.7
1003	10.1	63120.7	-5047.5	1093	10.2	65212.5	-5052.0	1183	10.2	70852.5	-5016.3
1004	9.8	63140.7	-5046.4	1094	10.2	65242.4	-5001.9	1184	10.2	70859.0	-5008.7
1005	8.2	63142.2	-5000.8	1095	9.0	65253.0	-5025.7	1185	10.0	70902.0	-5010.0
1006	10.2	63220.2	-5026.2	1096	9.4	65310.0	-5024.7	1186	10.2	70906.0	-5016.4
1007	7.7	63229.7	-5011.6	1097	7.8	65342.0	-5051.0	1187	9.2	70910.0	-5043.3
1008	10.2	63301.6	-5022.4	1098	7.4	65342.0	-5035.3	1188	8.5	70916.5	-5006.5
1009	9.0	63315.2	-5054.8	1099	10.2	65406.5	-5021.1	1189	9.4	70938.8	-5059.5
1010	7.5	63321.2	-5013.2	1100	8.4	65418.5	-5050.0	1190	9.6	71022.5	-5015.6
1011	9.8	63321.7	-5011.5	1101	10.2	65431.0	-5014.0	1191	10.0	71037.5	-5000.9
1012	9.8	63335.7	-5016.4	1102	10.2	65459.5	-5039.3	1192	6.8	71047.0	-5015.4
1013	10.1	63336.2	-5018.9	1103	8.0	65509.9	-5000.7	1193	10.0	71053.3	-5056.7
1014	9.0	63337.2	-5031.7	1104	9.8	65519.0	-5020.9	1194	10.2	71128.0	-5047.4
1015	10.2	63343.2	-5044.9	1105	10.	65531.0	-5025.1	1195	9.0	71132.5	-5038.7
1016	8.5	63400.7	-5022.4	1106	10.2	65537.0	-5047.9	1196	10.2	71133.0	-5052.6
1017	10.1	63402.7	-5001.3	1107	10.0	65537.5	-5031.0	1197	10.2	71147.0	-5014.0
1018	10.2	63405.7	-5000.9	1108	10.2	65545.5	-5051.5	1198	9.4	71149.0	-5054.4
1019	9.4	63511.7	-5017.0	1109	9.4	65545.5	-5047.9	1199	8.4	71152.5	-5014.9
1020	10.0	63549.7	-5052.3	1110	8.8	65558.5	-5008.7	1200	9.6	71156.5	-5015.4
1021	9.6	63606.3	-5059.9	1111	9.8	65600.0	-5033.3	1201	10.0	71200.0	-5056.4
1022	8.4	63609.2	-5059.9	1112	10.2	65611.0	-5013.6	1202	8.3	71226.0	-5016.6
1023	8.2	63614.2	-5049.1	1113	9.4	65618.5	-5003.6	1203	10.2	71329.5	-5046.2
1024	9.6	63617.2	-5031.0	1114	10.2	65619.4	-5010.2	1204	10.0	71330.5	-5012.7
1025	8.6	63618.2	-5017.6	1115	9.4	65637.5	-5023.4	1205	8.8	71342.5	-5004.7
1026	9.8	63624.8	-5058.9	1116	9.2	65651.0	-5036.7	1206	8.4	71346.5	-5000.4
1027	9.6	63628.2	-5041.8	1117	10.2	65654.4	-5038.0	1207	10.2	71348.4	-5028.7
1028	10.0	63634.2	-5023.2	1118	10.2	65714.5	-5019.7	1208	10.2	71349.0	-5053.7
1029	10.1	63635.6	-5038.9	1119	10.2	65730.0	-5037.1	1209	10.2	71400.5	-5009.2
1030	8.6	63650.0	-5057.2	1120	10.2	65736.0	-5044.9	1210	10.2	71416.0	-5048.8
1031	10.2	63706.0	-5026.2	1121	10.2	65737.0	-5024.2	1211	8.8	71435.2	-5048.8

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1212	10.0	71456.0	-5042.7	1302	10.2	73739.5	-5033.6	1392	10.2	76752.0	-5056.3
1213	7.8	71502.0	-5049.1	1303	10.2	73743.0	-5031.1	1393	9.0	76800.0	-5025.8
1214	9.3	71519.0	-5023.3	1304	10.1	73806.5	-5059.6	1394	9.4	76806.5	-5042.9
1215	8.6	71557.0	-5018.7	1305	10.2	73820.0	-5037.6	1395	7.2	76809.5	-5017.2
1216	9.0	71611.0	-5012.0	1306	9.2	73829.5	-5020.5	1396	10.0	76831.0	-5053.5
1217	9.8	71624.5	-5032.4	1307	9.4	73838.5	-5022.0	1397	9.6	76843.0	-5015.9
1218	9.6	71631.0	-5031.7	1308	8.5	73839.0	-5052.9	1398	8.9	76851.3	-5059.4
1219	9.6	71701.0	-5037.3	1309	10.1	73908.0	-5050.3	1399	7.8	76857.0	-5014.8
1220	9.8	71714.5	-5052.9	1310	9.8	73932.5	-5041.8	1400	10.2	76858.0	-5007.0
1221	10.0	71722.5	-5037.2	1311	8.6	73939.5	-5019.7	1401	10.2	76927.0	-5041.2
1222	9.6	71743.0	-5015.3	1312	7.0	73943.5	-5019.7	1402	9.6	76930.0	-5041.4
1223	9.2	71747.5	-5033.7	1313	10.0	73951.0	-5053.1	1403	9.6	80018.0	-5010.3
1224	7.4	71750.0	-5037.1	1314	9.8	73958.4	-5001.4	1404	10.2	80038.0	-5012.0
1225	8.4	71757.5	-5020.5	1315	10.1	74004.2	-5036.4	1405	10.2	80039.0	-5010.6
1226	9.0	71802.7	-5059.0	1316	9.8	74009.0	-5018.9	1406	8.8	80039.5	-5016.0
1227	10.0	71837.5	-5030.5	1317	9.0	74010.0	-5031.6	1407	9.4	80040.0	-5028.2
1228	9.6	71845.0	-5005.5	1318	10.1	74021.5	-5044.0	1408	8.1	80046.5	-5028.4
1229	9.8	71857.0	-5018.8	1319	8.1	74058.5	-5023.9	1409	10.2	80059.0	-5038.8
1230	8.8	71902.8	-5002.6	1320	9.4	74143.9	-5058.3	1410	10.2	80100.0	-5000.0
1231	10.0	71910.0	-5006.7	1321	9.6	74148.0	-5049.8	1411	10.0	80105.0	-5045.4
1232	10.0	71942.0	-5012.3	1322	8.2	74150.5	-5026.5	1412	10.2	80111.0	-5054.8
1233	9.4	72001.0	-5017.2	1323	9.8	74208.5	-5009.2	1413	8.2	80117.0	-5011.0
1234	9.4	72001.0	-5052.4	1324	10.2	74221.5	-5000.6	1414	9.6	80132.5	-5043.0
1235	10.0	72009.0	-5012.8	1325	10.2	74225.4	-5058.8	1415	10.2	80142.5	-5054.3
1236	10.0	72033.0	-5042.4	1326	9.0	74229.5	-5036.6	1416	10.0	80204.5	-5037.3
1237	9.4	72044.5	-5001.6	1327	10.1	74336.?	-5009.3	1417	8.0	80206.0	-5010.2
1238	9.0	72051.0	-5022.0	1328	10.1	74342.0	-5041.2	1418	10.2	80224.5	-5004.2
1239	8.4	72120.5	-5052.3	1329	9.2	74353.7	-5014.9	1419	8.9	80228.0	-5006.9
1240	9.2	72129.2	-5001.8	1330	10.2	74403.9	-5043.0	1420	8.9	80242.0	-5036.8
1241	10.0	72153.0	-5059.8	1331	10.2	74421.1	-5045.5	1421	10.0	80258.5	-5059.6
1242	10.0	72202.5	-5051.5	1332	10.2	74457.5	-5026.6	1422	10.2	80304.0	-5017.2
1243	9.0	72211.0	-5014.9	1333	9.6	74529.5	-5036.0	1423	10.2	80331.0	-5056.6
1244	10.0	72227.5	-5001.1	1334	10.2	74533.5	-5011.4	1424	8.1	80347.5	-5026.0
1245	9.8	72231.5	-5042.6	1335	10.2	74542.8	-5031.8	1425	10.0	80352.7	-5001.3
1246	6.9	72310.0	-5046.0	1336	10.2	74630.0	-5045.0	1426	8.8	80406.0	-5056.4
1247	10.0	72320.0	-5016.4	1337	10.2	74634.2	-5000.8	1427	9.6	80426.5	-5021.2
1248	10.0	72331.0	-5016.8	1338	9.4	74639.0	-5048.8	1428	10.0	80433.9	-5042.9
1249	9.4	72340.8	-5052.3	1339	8.6	74643.9	-5000.0	1429	10.0	80437.0	-5047.0
1250	9.2	72345.0	-5056.0	1340	5.0	74650.5	-5027.9	1430	10.2	80438.7	-5001.6
1251	9.2	72347.0	-5035.8	1341	9.2	74653.5	-5048.0	1431	9.8	80439.5	-5019.5
1252	9.0	72357.2	-5017.5	1342	9.4	74710.0	-5009.0	1432	10.2	80443.0	-5045.6
1253	9.2	72358.2	-5005.9	1343	9.8	74721.0	-5054.4	1433	10.2	80457.0	-5022.7
1254	10.0	72402.7	-5049.1	1344	10.2	74742.0	-5014.5	1434	10.2	80514.0	-5023.0
1255	10.0	72404.2	-5050.0	1345	10.2	74748.0	-5058.0	1435	10.2	80515.9	-5054.2
1256	9.8	72455.9	-5058.9	1346	10.0	74749.0	-5043.2	1436	10.2	80523.0	-5043.7
1257	9.4	72515.2	-5007.7	1347	9.6	74812.5	-5022.8	1437	10.2	80523.5	-5057.2
1258	10.0	72547.7	-5027.1	1348	9.2	74819.0	-5035.2	1438	10.2	80529.5	-5047.8
1259	9.8	72550.2	-5035.9	1349	9.6	74847.5	-5046.5	1439	9.8	80531.5	-5012.3
1260	10.0	72625.2	-5050.3	1350	10.0	74902.5	-5038.0	1440	9.0	80546.5	-5045.6
1261	8.6	72627.7	-5055.5	1351	10.2	74928.5	-5049.0	1441	9.4	80600.5	-5050.9
1262	9.0	72631.2	-5017.9	1352	10.2	75010.5	-5016.9	1442	9.0	80618.0	-5050.8
1263	9.8	72634.7	-5033.4	1353	8.4	75014.7	-5059.1	1443	8.0	80626.5	-5008.0
1264	8.0	72644.7	-5056.7	1354	9.4	75016.5	-5039.1	1444	10.2	80628.5	-5041.3
1265	9.6	72644.7	-5055.2	1355	10.2	75025.0	-5003.5	1445	10.0	80636.5	-5021.6
1266	9.4	72647.7	-5035.9	1356	10.2	75029.7	-5000.6	1446	8.8	80642.5	-5013.4
1267	9.6	72648.7	-5020.1	1357	10.2	75032.0	-5055.3	1447	8.8	80702.5	-5046.3
1268	9.8	72650.7	-5045.0	1358	9.0	75051.0	-5005.3	1448	10.2	80725.5	-5036.1
1269	10.0	72659.7	-5042.4	1359	7.2	75057.5	-5027.6	1449	10.2	80726.0	-5034.1
1270	7.0	72711.2	-5020.7	1360	10.2	75113.?	-5052.5	1450	10.0	80746.5	-5059.0
1271	9.4	72715.7	-5005.1	1361	10.2	75142.5	-5009.4	1451	9.6	80752.0	-5048.4
1272	10.0	72719.7	-5035.5	1362	10.2	75201.5	-5021.2	1452	9.4	80800.3	-5057.7
1273	9.6	72726.2	-5033.4	1363	10.2	75212.5	-5052.0	1453	10.2	80852.5	-5016.3
1274	9.4	72735.7	-5020.5	1364	10.2	75242.4	-5001.9	1454	10.2	80859.0	-5008.7
1275	8.4	72737.2	-5053.7	1365	9.0	75253.0	-5025.7	1455	10.0	80902.0	-5010.0
1276	9.8	72738.7	-5021.2	1366	9.4	75310.0	-5024.7	1456	10.2	80906.0	-5016.4
1277	10.0	72739.7	-5022.3	1367	7.8	75342.0	-5051.0	1457	9.2	80910.0	-5043.3
1278	9.6	72748.2	-5014.2	1368	7.4	75342.0	-5035.3	1458	8.5	80916.5	-5006.5
1279	10.0	72759.7	-5014.3	1369	10.2	75406.5	-5021.1	1459	9.4	80938.8	-5059.5
1280	10.0	72809.7	-5013.7	1370	8.4	75418.5	-5050.0	1460	9.6	81022.5	-5015.6
1281	9.0	72819.7	-5005.1	1371	10.2	75431.0	-5014.0	1461	10.0	81037.5	-5000.9
1282	9.0	72822.2	-5022.1	1372	6.8	75447.0	-5015.4	1462	9.0	81047.0	-5015.4
1283	9.0	72828.7	-5026.4	1373	10.0	75453.3	-5056.7	1463	9.0	81053.3	-5056.7
1284	8.6	72829.5	-5057.7	1374	10.2	75528.0	-5047.4	1464	10.2	81128.0	-5047.4
1285	9.3	72835.7	-5032.7	1375	9.0	75532.5	-5038.7	1465	9.0	81132.5	-5038.7
1286	9.8	72848.7	-5051.1	1376	10.2	75533.0	-5052.6	1466	10.2	81133.0	-5052.6
1287	10.0	72859.2	-5016.3	1377	10.2	75547.0	-5014.0	1467	10.2	81147.0	-5014.0
1288	9.0	72936.7	-5031.3	1378	9.4	75549.0	-5054.4	1468	9.4	81149.0	-5054.4
1289	9.8	72948.7	-5042.7	1379	8.4	75552.5	-5014.9	1469	8.4	81152.5	-5014.9
1290	9.8	72949.7	-5029.6	1380	9.6	75556.5	-5015.4	1470	9.6	81156.5	-5015.4
1291	9.8	72956.7	-5003.7	1381	10.0	75600.0	-5056.4	1471	10.0	81200.0	-5056.4
1292	9.3	73009.7	-5055.9	1382	8.3	75626.0	-5016.6	1472	8.3	81226.0	-5016.6
1293	7.0	73009.7	-5018.7	1383	10.2	75729.5	-5046.2	1473	10.2	81329.5	-5046.2
1294	9.0	73040.7	-5035.6	1384	10.0	75730.5	-5012.7	1474	10.0	81330.5	-5012.7
1295	9.3	73043.2	-5022.5	1385	8.8	75742.5	-5004.7	1475	8.8	81342.5	-5004.7
1296	9.2	73047.2	-5031.1	1386	8.4	75746.5	-5000.4	1476	8.4	81346.5	-5000.4
1297	9.0	73049.7	-5034.7	1387	10.2	75748.4	-5028.7	1477	10.2	81348.4	-5028.7
1298	8.6	73052.2	-5034.1	1388	10.2	75749.0	-5053.7	1478	10.2	81349.0	-5053.7
1299	10.0	73056.2	-5028.5	1389	10.2	75800.5	-5009.2	1479	10.2	81400.5	-5009.2
1300	9.6	73105.2	-5020.7	1390	10.2	75816.0	-5048.8	1480	10.2	81416.0	-5048.8
1301	10.0	73114.7	-5013.1	1391	8.8	75835.2	-5048.8	1481	8.8	81435.2	-5048.8

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1302 9.3	73129.7 -5037.2	1392 8.8	74632.6 -5030.0
1303 9.0	73133.7 -5032.5	1393 9.0	74640.1 -5014.0
1304 9.8	73134.7 -5009.8	1394 7.2	74700.1 -5011.4
1305 9.2	73138.2 -5058.5	1395 10.0	74723.6 -5011.4
1306 10.0	73143.7 -5039.6	1396 9.7	74725.1 -5005.0
1307 9.8	73159.7 -5019.6	1397 10.0	74731.6 -5056.7
1308 9.0	73224.7 -5025.8	1398 9.0	74756.1 -5006.6
1309 8.4	73229.7 -5016.5	1399 9.0	74804.6 -5013.8
1310 10.0	73300.7 -5016.2	1400 9.0	74815.1 -5004.6
1311 9.6	73303.2 -5036.5	1401 9.4	74905.1 -5021.4
1312 10.0	73327.2 -5051.9	1402 9.4	74909.6 -5056.8
1313 10.0	73328.7 -5043.0	1403 9.9	74912.6 -5038.4
1314 9.0	73329.7 -5018.1	1404 7.5	74924.9 -5011.9
1315 9.6	73330.7 -5050.3	1405 9.8	74926.9 -5035.8
1316 10.0	73337.2 -5025.7	1406 9.4	74928.9 -5031.0
1317 10.0	73338.7 -5056.7	1407 10.0	74941.9 -5006.0
1318 9.8	73349.7 -5000.1	1408 9.2	74949.9 -5009.0
1319 9.8	73357.7 -5005.9	1409 9.0	75018.9 -5035.5
1320 9.6	73432.2 -5020.7	1410 8.5	75019.4 -5035.3
1321 9.8	73436.2 -5019.0	1411 9.4	75020.9 -5034.9
1322 9.3	73449.7 -5019.1	1412 10.0	75021.9 -5045.7
1323 9.8	73450.7 -5012.4	1413 10.0	75028.9 -5044.7
1324 10.0	73451.7 -5040.2	1414 9.2	75031.4 -5001.2
1325 9.8	73452.7 -5019.1	1415 9.2	75039.9 -5000.1
1326 9.3	73527.2 -5018.0	1416 10.0	75050.9 -5021.0
1327 8.0	73531.7 -5017.4	1417 9.0	75112.4 -5016.4
1328 8.0	73537.2 -5047.4	1418 8.3	75123.9 -5014.1
1329 10.0	73537.2 -5027.6	1419 10.0	75125.4 -5055.3
1330 9.6	73539.7 -5053.6	1420 10.0	75141.4 -5031.3
1331 9.8	73548.7 -5043.8	1421 9.3	75149.9 -5016.1
1332 9.6	73548.7 -5053.4	1422 8.8	75209.9 -5001.4
1333 10.0	73556.7 -5027.5	1423 8.7	75209.9 -5022.6
1334 9.3	73621.2 -5043.1	1424 9.8	75210.9 -5050.3
1335 8.6	73622.2 -5036.2	1425 9.9	75226.4 -5054.6
1336 10.0	73629.2 -5051.4	1426 10.0	75231.4 -5054.8
1337 8.4	73636.2 -5016.9	1427 9.2	75344.9 -5044.9
1338 9.6	73658.2 -5025.4	1428 9.3	75420.4 -5029.1
1339 10.0	73659.2 -5021.8	1429 9.2	75433.4 -5002.2
1340 9.6	73743.2 -5037.2	1430 9.9	75441.4 -5007.1
1341 9.0	73743.7 -5049.8	1431 9.4	75444.9 -5022.7
1342 10.0	73757.7 -5055.3	1432 9.6	75505.9 -5057.4
1343 9.2	73758.7 -5035.6	1433 9.2	75514.4 -5025.1
1344 9.2	73820.2 -5044.4	1434 10.0	75523.9 -5036.6
1345 9.8	73829.7 -5002.9	1435 9.9	75543.7 -5000.4
1346 9.8	73840.7 -5026.0	1436 8.8	75546.4 -5007.1
1347 8.7	73849.7 -5006.0	1437 9.3	75546.9 -5017.0
1348 9.6	73903.2 -5033.8	1438 9.9	75546.9 -5003.9
1349 9.8	73907.5 -5056.9	1439 9.3	75554.9 -5002.4
1350 9.4	73909.7 -5019.2	1440 9.9	75625.9 -5019.5
1351 8.6	74027.7 -5003.5	1441 9.6	75634.0 -5000.8
1352 9.8	74029.7 -5046.9	1442 9.7	75638.4 -5021.0
1353 9.2	74039.7 -5040.3	1443 10.0	75645.9 -5054.3
1354 9.6	74045.2 -5045.3	1444 8.5	75649.9 -5017.0
1355 9.3	74050.2 -5002.4	1445 9.4	75649.9 -5013.5
1356 7.3	74050.7 -5009.5	1446 9.7	75653.4 -5015.3
1357 8.0	74055.7 -5010.1	1447 8.3	75654.9 -5020.7
1358 8.8	74109.7 -5004.9	1448 10.0	75657.4 -5030.4
1359 9.6	74113.7 -5054.2	1449 9.2	75659.9 -5014.4
1360 9.0	74117.7 -5034.2	1450 9.3	75705.9 -5000.1
1361 10.0	74126.2 -5008.1	1451 8.8	75706.4 -5020.5
1362 9.0	74149.2 -5019.5	1452 8.7	75719.9 -5008.6
1363 10.0	74149.7 -5042.5	1453 9.2	75720.9 -5051.7
1364 9.2	74149.7 -5041.0	1454 9.9	75720.9 -5017.7
1365 9.4	74150.7 -5044.1	1455 9.0	75721.4 -5006.7
1366 9.2	74202.2 -5017.3	1456 7.6	75805.9 -5015.4
1367 10.0	74208.2 -5006.5	1457 9.6	75833.4 -5007.1
1368 10.0	74209.2 -5046.5	1458 8.4	75834.4 -5010.7
1369 9.4	74229.7 -5047.9	1459 9.9	75838.4 -5031.3
1370 10.0	74243.2 -5005.1	1460 9.9	75855.9 -5009.0
1371 10.0	74253.0 -5057.4	1461 8.3	75914.4 -5016.2
1372 10.0	74255.7 -5040.5	1462 9.0	75929.9 -5004.3
1373 7.5	74319.7 -5041.4	1463 8.6	75935.9 -5011.6
1374 10.0	74346.2 -5023.3	1464 9.4	75939.9 -5000.8
1375 9.6	74347.4 -5051.5	1465 9.9	75956.4 -5059.7
1376 10.0	74351.7 -5034.8	1466 8.3	75959.9 -5005.6
1377 10.0	74354.2 -5058.8	1467 9.7	80001.4 -5015.0
1378 9.4	74354.2 -5041.8	1468 9.4	80018.9 -5016.4
1379 8.4	74358.7 -5035.4	1469 10.0	80021.4 -5033.1
1380 9.0	74406.7 -5008.0	1470 10.0	80028.9 -5040.7
1381 10.0	74408.7 -5030.5	1471 9.0	80031.4 -5030.9
1382 9.2	74409.7 -5052.3	1472 10.0	80044.9 -5017.0
1383 9.3	74416.4 -5012.6	1473 9.9	80050.4 -5045.6
1384 10.0	74425.9 -5045.6	1474 9.7	80053.4 -5015.4
1385 10.0	74438.7 -5045.0	1475 8.4	80109.9 -5020.3
1386 9.0	74502.2 -5013.5	1476 8.0	80111.4 -5014.1
1387 10.0	74504.9 -5058.6	1477 9.9	80124.9 -5033.5
1388 9.6	74516.7 -5022.1	1478 10.0	80130.6 -5002.2
1389 8.7	74529.9 -5005.5	1479 9.9	80144.9 -5004.3
1390 10.0	74541.2 -5029.3	1480 9.4	80221.9 -5052.2
1391 9.6	74542.1 -5040.1	1481 10.0	80244.9 -5051.0

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1482 9.8	80252.9 -5004.3	1572 9.9	81834.2 -5052.6
1483 9.0	80343.9 -5031.9	1573 10.0	81842.7 -5032.1
1484 8.3	80401.4 -5044.9	1574 10.1	81845.2 -5031.5
1485 9.4	80404.9 -5051.5	1575 8.5	81909.8 -5057.8
1486 10.0	80413.4 -5006.3	1576 9.6	81911.2 -5032.4
1487 9.4	80415.4 -5037.5	1577 10.0	81912.7 -5043.0
1488 9.2	80415.9 -5006.1	1578 9.9	81918.2 -5049.1
1489 10.0	80421.4 -5017.4	1579 10.0	81918.7 -5006.7
1490 9.9	80434.4 -5010.1	1580 9.6	81922.2 -5015.3
1491 9.0	80444.6 -5000.3	1581 9.2	81929.9 -5057.7
1492 9.8	80457.9 -5041.9	1582 8.9	81949.2 -5013.5
1493 9.6	80459.9 -5053.9	1583 10.2	81954.7 -5055.3
1494 8.1	80513.4 -5007.5	1584 10.2	82003.2 -5003.1
1495 8.5	80532.4 -5009.1	1585 10.0	82005.2 -5034.0
1496 9.0	80541.9 -5010.1	1586 9.9	82020.2 -5042.9
1497 8.1	80548.9 -5038.7	1587 10.1	82034.2 -5036.4
1498 8.7	80548.9 -5038.9	1588 9.2	82044.0 -5057.5
1499 10.0	80607.4 -5009.8	1589 10.0	82044.7 -5035.4
1500 9.3	80650.9 -5018.8	1590 10.1	82107.2 -5049.2
1501 10.0	80708.9 -5006.9	1591 9.6	82138.7 -5043.4
1502 10.0	80714.9 -5035.2	1592 9.3	82149.2 -5030.4
1503 9.7	80718.9 -5021.9	1593 9.8	82159.2 -5027.3
1504 8.1	80723.9 -5049.1	1594 10.2	82201.0 -5059.4
1505 9.0	80724.4 -5006.3	1595 9.4	82204.2 -5015.5
1506 9.9	80744.9 -5027.5	1596 9.4	82209.2 -5015.5
1507 10.0	80748.4 -5012.5	1597 9.2	82214.2 -5048.9
1508 9.7	80759.9 -5030.1	1598 9.6	82214.7 -5004.1
1509 8.9	80819.9 -5050.1	1599 9.6	82221.2 -5053.3
1510 9.6	80822.4 -5011.0	1600 10.0	82230.2 -5032.4
1511 9.8	80824.9 -5028.8	1601 9.9	82232.2 -5024.5
1512 10.0	80902.9 -5001.6	1602 9.6	82234.7 -5053.3
1513 10.0	80909.9 -5005.7	1603 9.6	82244.2 -5016.5
1514 9.2	80912.9 -5017.1	1604 9.6	82246.7 -5028.8
1515 9.3	80926.8 -5006.9	1605 10.1	82248.7 -5005.4
1516 9.4	80947.8 -5012.3	1606 8.3	82254.2 -5059.1
1517 9.6	80948.8 -5029.4	1607 9.3	82304.7 -5030.9
1518 9.6	80952.3 -5043.4	1608 9.9	82305.2 -5011.5
1519 9.4	80956.3 -5000.2	1609 10.2	82309.2 -5049.9
1520 9.0	81017.3 -5010.3	1610 10.2	82314.8 -5001.9
1521 9.6	81020.8 -5052.2	1611 10.1	82319.2 -5026.0
1522 10.0	81025.8 -5045.8	1612 7.8	82324.2 -5042.9
1523 10.0	81048.8 -5002.7	1613 9.4	82324.2 -5018.8
1524 8.6	81049.8 -5007.1	1614 9.9	82325.7 -5018.3
1525 8.7	81135.3 -5003.4	1615 9.6	82326.2 -5019.5
1526 9.9	81146.3 -5015.9	1616 9.9	82345.2 -5027.3
1527 8.0	81146.8 -5003.9	1617 8.7	82356.7 -5007.7
1528 9.7	81204.8 -5019.9	1618 10.2	82407.2 -5004.3
1529 9.4	81240.8 -5041.0	1619 10.2	82414.7 -5009.3
1530 10.0	81243.8 -5030.4	1620 10.2	82415.7 -5009.3
1531 9.4	81246.3 -5028.8	1621 7.6	82426.7 -5049.
1532 9.4	81307.8 -5008.8	1622 9.8	82440.7 -5001.
1533 9.3	81329.8 -5013.2	1623 10.2	82443.3 -5058.
1534 9.8	81335.3 -5057.4	1624 10.2	82444.8 -5059.
1535 9.7	81405.3 -5014.8	1625 9.6	82505.7 -5047.
1536 9.7	81418.0 -5004.6	1626 9.8	82513.2 -5002.
1537 9.6	81418.3 -5005.9	1627 9.7	82523.7 -5019.3
1538 10.2	81425.7 -5034.4	1628 10.0	82531.7 -5045.5
1539 9.7	81430.7 -5039.7	1629 9.6	82533.7 -5047.9
1540 10.1	81433.5 -5053.7	1630 10.1	82544.7 -5044.1
1541 10.1	81450.7 -5005.5	1631 10.2	82548.7 -5042.9
1542 10.0	81456.0 -5003.6	1632 9.2	82549.2 -5031.1
1543 10.1	81507.2 -5021.2	1633 9.6	82604.2 -5011.7
1544 9.4	81523.5 -5042.5	1634 10.2	82622.7 -5045.3
1545 9.2	81528.5 -5042.8	1635 7.4	82634.7 -5042.9
1546 10.2	81540.0 -5045.5	1636 8.2	82636.2 -5033.1
1547 10.1	81544.2 -5018.9	1637 9.8	82639.2 -5031.1
1548 8.4	81547.2 -5017.5	1638 9.6	82641.3 -5002.3
1549 10.2	81549.2 -5049.5	1639 10.1	82654.7 -5029.5
1550 9.1	81604.2 -5016.3	1640 10.1	82655.7 -5019.5
1551 10.1	81607.7 -5026.5	1641 8.2	82710.2 -5025.9
1552 10.0	81614.7 -5031.4	1642 9.2	82718.7 -5028.5
1553 8.5	81628.2 -5029.4	1643 9.6	82741.7 -5021.3
1554 9.7	81628.7 -5024.0	1644 10.0	82744.7 -5026.8
1555 8.1	81643.2 -5034.2	1645 8.9	82744.7 -5009.9
1556 9.6	81644.2 -5054.3	1646 9.0	82814.2 -5058.1
1557 9.9	81644.2 -5054.5	1647 8.6	82833.7 -5032.7
1558 9.7	81654.2 -5047.3	1648 8.9	82904.2 -5046.9
1559 10.1	81702.2 -5009.0	1649 10.2	82927.2 -5009.2
1560 9.6	81709.2 -5026.7	1650 9.9	82928.2 -5007.1
1561 10.2	81718.9 -5059.0	1651 9.8	82929.7 -5033.1
1562 10.0	81728.2 -5021.8	1652 9.4	82949.2 -5025.1
1563 10.1	81731.2 -5020.8	1653 9.6	82959.7 -5030.9
1564 9.4	81748.2 -5037.9	1654 8.6	83010.2 -5016.9
1565 7.8	81748.7 -5059.5	1655 8.7	83029.2 -5022.3
1566 9.3	81750.2 -5021.0	1656 9.9	83038.7 -5051.3
1567 9.3	81758.2 -5052.9	1657 6.7	83046.7 -5039.7
1568 9.6	81808.2 -5039.3	1658 9.6	83100.7 -5003.3
1569 9.8	81809.2 -5019.1	1659 8.8	83104.2 -5013.9
1570 9.6	81820.2 -5020.7	1660 9.4	83108.7 -5005.7
1571 10.2	81830.7 -5053.8	1661 9.4	83108.7 -5018.1

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1662	9.9	83117.7	-5023.6	1752	9.9	84019.5	-5004.4	1842	9.1	84738.7	-5049.7	1932	10.0	85325.5	-5004.9
1663	9.4	83130.7	-5028.5	1753	9.8	84021.0	-5009.9	1843	9.3	84739.7	-5051.6	1933	9.6	85326.0	-5038.5
1664	10.2	83142.2	-5014.1	1754	10.2	84021.0	-5018.9	1844	9.8	84744.7	-5021.8	1934	10.0	85328.5	-5030.1
1665	10.0	83204.2	-5004.9	1755	9.9	84022.5	-5015.8	1845	9.6	84748.2	-5037.5	1935	10.0	85330.5	-5018.0
1666	6.1	83208.7	-5032.2	1756	9.2	84022.7	-5000.4	1846	9.4	84749.7	-5042.0	1936	7.9	85331.0	-5016.1
1667	10.2	83212.7	-5005.4	1757	10.2	84044.0	-5001.2	1847	9.5	84749.7	-5025.8	1937	9.6	85334.0	-5019.6
1668	9.2	83219.7	-5040.1	1758	9.6	84050.5	-5000.3	1848	9.6	84753.7	-5004.8	1938	8.7	85342.0	-5039.1
1669	10.0	83231.7	-5003.7	1759	9.6	84052.0	-5027.7	1849	9.6	84759.7	-5019.7	1939	9.4	85342.8	-5001.8
1670	9.6	83234.7	-5018.2	1760	10.2	84059.5	-5032.3	1850	9.5	84801.2	-5027.6	1940	9.4	85344.0	-5040.4
1671	9.3	83234.7	-5046.9	1761	9.4	84104.5	-5006.4	1851	9.6	84801.2	-5021.9	1941	9.8	85348.5	-5030.9
1672	9.9	83246.7	-5047.7	1762	10.0	84108.5	-5038.9	1852	9.6	84802.7	-5021.4	1942	10.0	85350.0	-5012.0
1673	10.2	83251.2	-5032.7	1763	10.0	84109.5	-5033.5	1853	9.0	84808.7	-5023.3	1943	10.0	85351.0	-5033.4
1674	9.8	83253.0	-5021.7	1764	10.2	84112.0	-5010.5	1854	8.8	84809.7	-5041.1	1944	9.5	85400.0	-5051.1
1675	9.1	83318.5	-5021.9	1765	9.3	84129.5	-5009.6	1855	9.8	84820.5	-5058.0	1945	9.8	85408.0	-5023.0
1676	9.6	83318.5	-5037.3	1766	9.7	84132.0	-5041.3	1856	10.0	84837.0	-5033.8	1946	9.6	85410.0	-5006.0
1677	8.7	83337.0	-5034.4	1767	9.3	84138.5	-5026.8	1857	9.6	84837.5	-5011.3	1947	9.4	85410.5	-5023.9
1678	10.2	83338.5	-5050.7	1768	9.6	84139.0	-5009.9	1858	9.0	84845.5	-5040.8	1948	9.6	85410.5	-5010.0
1679	10.2	83339.0	-5003.3	1769	8.9	84139.7	-5017.9	1859	8.2	84847.7	-5057.2	1949	9.4	85411.6	-5001.7
1680	8.8	83340.0	-5049.5	1770	8.5	84142.0	-5016.6	1860	9.5	84849.0	-5024.6	1950	10.0	85413.0	-5031.0
1681	10.0	83340.8	-5008.3	1771	9.9	84144.5	-5008.2	1861	10.0	84850.0	-5039.1	1951	8.6	85432.5	-5019.4
1682	10.1	83350.8	-5021.3	1772	9.1	84148.5	-5036.3	1862	9.8	84902.0	-5010.5	1952	10.0	85432.5	-5011.6
1683	10.2	83352.8	-5025.4	1773	10.1	84149.0	-5041.8	1863	9.5	84910.0	-5006.1	1953	9.2	85441.5	-5042.1
1684	9.7	83407.5	-5004.8	1774	9.8	84149.5	-5012.7	1864	9.8	84928.5	-5038.5	1954	10.0	85446.5	-5023.9
1685	9.8	83412.0	-5052.5	1775	9.3	84154.0	-5004.5	1865	9.8	84930.0	-5053.2	1955	9.4	85447.5	-5045.9
1686	9.9	83415.0	-5041.2	1776	9.2	84201.0	-5030.7	1866	8.7	84931.0	-5039.4	1956	10.0	85450.0	-5055.0
1687	10.2	83421.0	-5022.6	1777	9.2	84202.0	-5015.2	1867	8.7	84932.0	-5048.0	1957	9.4	85506.0	-5007.0
1688	10.1	83424.5	-5020.1	1778	9.6	84202.5	-5032.8	1868	10.0	84943.0	-5037.4	1958	10.0	85507.0	-5035.0
1689	10.2	83425.0	-5043.3	1779	9.7	84204.5	-5041.3	1869	9.8	84945.0	-5008.9	1959	9.2	85510.0	-5012.6
1690	9.7	83430.5	-5002.0	1780	9.3	84206.0	-5004.2	1870	9.8	84948.5	-5047.6	1960	9.5	85510.0	-5006.5
1691	8.1	83430.5	-5004.2	1781	10.0	84208.5	-5053.9	1871	9.6	84949.1	-5001.8	1961	9.6	85510.5	-5053.0
1692	8.6	83438.0	-5041.9	1782	10.2	84212.0	-5055.9	1872	10.0	84951.0	-5053.8	1962	9.8	85515.0	-5044.2
1693	9.6	83445.0	-5027.5	1783	9.7	84214.0	-5008.9	1873	9.8	84952.5	-5006.4	1963	10.0	85519.0	-5052.0
1694	9.3	83454.5	-5028.7	1784	9.2	84222.0	-5024.4	1874	9.8	84954.0	-5012.7	1964	10.0	85520.0	-5041.2
1695	9.2	83458.0	-5032.3	1785	9.4	84224.5	-5024.1	1875	8.4	84956.0	-5011.8	1965	10.0	85520.0	-5004.8
1696	8.4	83500.0	-5050.1	1786	9.4	84226.0	-5031.2	1876	9.4	85000.0	-5031.6	1966	9.4	85524.0	-5054.0
1697	10.0	83523.0	-5008.6	1787	9.3	84226.0	-5040.3	1877	10.0	85011.0	-5036.8	1967	9.4	85530.0	-5055.2
1698	9.7	83528.0	-5024.2	1788	9.8	84229.5	-5049.0	1878	10.0	85018.0	-5049.0	1968	9.6	85534.0	-5040.5
1699	9.4	83528.5	-5058.9	1789	9.1	84230.0	-5005.4	1879	8.8	85021.0	-5040.4	1969	8.2	85536.0	-5022.7
1700	9.8	83529.5	-5051.9	1790	10.2	84237.0	-5008.7	1880	8.9	85022.0	-5020.2	1970	9.6	85536.0	-5056.2
1701	10.2	83529.5	-5002.0	1791	9.4	84259.5	-5038.7	1881	8.7	85030.0	-5039.4	1971	9.8	85540.0	-5023.2
1702	10.1	83539.0	-5025.9	1792	9.8	84300.5	-5007.1	1882	9.5	85031.0	-5019.7	1972	10.0	85542.0	-5046.1
1703	10.1	83551.5	-5055.7	1793	9.6	84315.5	-5018.1	1883	9.6	85032.0	-5011.3	1973	9.0	85548.1	-5059.8
1704	10.2	83554.5	-5008.6	1794	9.6	84330.0	-5007.2	1884	9.4	85040.0	-5020.9	1974	9.8	85552.5	-5006.0
1705	9.6	83601.0	-5015.0	1795	9.4	84331.0	-5000.9	1885	9.8	85041.5	-5017.4	1975	9.6	85554.0	-5054.8
1706	10.2	83607.5	-5039.0	1796	9.6	84354.5	-5025.8	1886	10.0	85051.5	-5004.5	1976	10.0	85557.5	-5051.9
1707	9.4	83611.5	-5055.5	1797	9.3	84405.0	-5043.7	1887	9.8	85052.0	-5035.7	1977	9.6	85600.0	-5020.4
1708	9.7	83626.5	-5055.2	1798	8.5	84415.5	-5026.5	1888	10.0	85054.5	-5040.7	1978	10.0	85600.0	-5049.7
1709	9.6	83631.0	-5046.2	1799	10.0	84418.3	-5048.8	1889	10.0	85055.0	-5038.9	1979	9.5	85621.0	-5029.4
1710	10.2	83632.0	-5019.0	1800	10.0	84419.3	-5044.2	1890	9.5	85058.0	-5031.9	1980	9.3	85630.0	-5038.1
1711	8.8	83641.0	-5011.4	1801	10.0	84422.9	-5059.3	1891	10.0	85059.5	-5006.2	1981	9.4	85631.5	-5017.7
1712	8.5	83649.5	-5034.2	1802	9.8	84423.6	-5019.2	1892	9.0	85102.0	-5023.2	1982	9.5	85649.5	-5054.9
1713	10.0	83649.5	-5056.2	1803	10.0	84425.3	-5057.6	1893	9.4	85105.0	-5033.2	1983	8.9	85650.0	-5028.2
1714	9.6	83658.5	-5032.5	1804	10.0	84428.8	-5005.8	1894	10.0	85109.0	-5020.8	1984	9.1	85652.0	-5018.4
1715	8.9	83659.0	-5041.0	1805	9.6	84429.3	-5007.2	1895	9.4	85109.0	-5007.1	1985	9.6	85658.5	-5023.0
1716	9.6	83659.5	-5039.9	1806	9.6	84434.2	-5002.0	1896	9.6	85111.0	-5029.6	1986	10.0	85658.5	-5054.1
1717	8.4	83659.5	-5035.6	1807	10.0	84438.3	-5051.7	1897	10.0	85118.0	-5045.3	1987	8.6	85702.0	-5001.6
1718	10.1	83705.0	-5012.6	1808	8.8	84448.3	-5044.9	1898	8.6	85118.5	-5006.5	1988	8.6	85703.5	-5038.3
1719	10.0	83717.0	-5053.0	1809	9.2	84449.3	-5031.9	1899	10.0	85123.5	-5055.1	1989	9.4	85712.5	-5059.9
1720	9.8	83721.0	-5002.4	1810	10.0	84454.3	-5056.3	1900	10.0	85129.5	-5055.1	1990	9.2	85722.0	-5014.6
1721	10.2	83724.8	-5056.7	1811	10.0	84458.1	-5053.6	1901	9.8	85130.8	-5002.2	1991	9.6	85724.0	-5015.4
1722	8.9	83726.5	-5011.6	1812	9.4	84459.3	-5043.3	1902	9.8	85135.4	-5003.0	1992	10.0	85734.0	-5027.2
1723	9.7	83727.0	-5001.2	1813	9.6	84504.3	-5047.2	1903	9.8	85136.9	-5059.3	1993	9.5	85737.5	-5014.3
1724	10.2	83743.5	-5053.0	1814	8.8	84515.6	-5030.3	1904	10.0	85138.0	-5042.0	1994	9.8	85740.0	-5013.4
1725	10.1	83759.0	-5021.5	1815	9.8	84520.1	-5004.9	1905	9.8	85145.0	-5031.1	1995	9.8	85741.5	-5024.9
1726	9.4	83759.5	-5008.8	1816	8.7	84520.3	-5052.8	1906	10.0	85146.0	-5052.7	1996	9.8	85801.0	-5051.1
1727	10.0	83801.0	-5023.8	1817	9.3	84521.9	-5053.7	1907	8.4	85156.0	-5022.6	1997	10.0	85808.5	-5015.7
1728	8.9	83804.0	-5004.6	1818	9.1	84523.9	-5034.6	1908	9.6	85201.5	-5035.5	1998	10.0	85817.5	-5021.9
1729	10.1	83809.5	-5045.0	1819	10.0	84524.8	-5021.6	1909	10.0	85211.0	-5047.9	1999	9.1	85818.5	-5035.7
1730	8.9	83810.0	-5021.7	1820	10.0	84535.3	-5038.7	1910	9.4	85213.0	-5011.8	2000	9.4	85824.0	-5046.2
1731	9.6	83818.0	-5048.7	1821	9.0	84538.3	-5031.3	1911	9.6	85223.5	-5003.1	2001	9.8	85826.0	-5008.9
1732	10.2	83824.5	-5036.8	1822	9.6	84539.3	-5013.0	1912	9.6	85225.0	-5019.6	2002	9.3	85839.3	-5001.0
1733	9.3	83844.0	-5055.7	1823	9.4	84553.7	-5033.5	1913	9.8	85226.0	-5007.7	2003	9.2	85840.5	-5015.2
1734	10.1	83845.2	-5058.4	1824	9.6	84604.2	-5045.6	1914	9.0	85232.0	-5020.0	2004	8.4	85842.0	-5019.9
1735	9.6	83846.5	-5040.1	1825	9.4	84615.2	-5028.5	1915	9.6	85233.0	-5032.2	2005	9.5	85850.0	-5013.4
1736	9.2	83850.5	-5017.3	1826	8.4	84615.7	-5007.6	1916	9.5	85233.5	-5004.3	2006	9.1	85900.0	-5004.3
1737	10.1	83852.5	-5059.7	1827	10.0	84624.2	-5002.0	1917	8.8	85234.3	-5002.8	2007	9.8	85903.0	-5038.2
1738	9.6	83854.0	-5035.8	1828	10.0	84624.7	-5038.0	1918	9.4	85242.0	-5056.1	2008	8.7	85909.0	-5039.8
1739	9.6	83906.5	-5012.5	1829	9.3	84627.2	-5038.8	1919	9.6	85250.0	-5029.6	2009	10.0	85912.5	-5009.2
1740	9.8	83926.0	-5043.9	1830	9.8	84639.7	-5021.9	1920	10.0	85250.5	-5036.5	2010	8.9	85921.0	-5047.9
1741	8.9	83928.5	-5038.7	1831	9.8	84645.7	-5004.4	1921	9.6	85257.5	-5033.2	2011	10.0	85922.0	-5015.6
1742	9.9	83928.5	-5008.0	1832	10.0	84658.2	-5038.5	1922	9.2	85258.0	-5000.3	2012	9.0	85930.0	-5012.8
1743	9.8	83934.5	-5007.9	1833	10.0	84659.7	-5059.7	1923	10.0	85300.0	-5032.1	2013	9.4	85934.5	-5040.1
1744	9.4	83944.0	-5018.8	1834	9.2	84705.7	-5021.4	1924	9.8	85300.0	-5011.6	2014	10.0	85936.1	-5057.1
1745	9.6	83955.0	-5016.9	1835	9.6	84710.7	-5031.3	1925	9.2	85302.0	-5004.7	2015	9.8	85940.0	-5055.0
1746	10.2	83955.0	-5010.9	1836	9.4	84713.2	-5042.9	1926	10.0	85302.5	-5024.9	2016	10.0	85940.0	-5035.1
1747	9.8	83959.5	-5015.7	1837	9.5	84720.2	-5044.8	1927	9.8	85303.5	-5032.9	2017	9.8	85943.5	-5024.0
1748	7.9	84000.0	-5012.0	1838	9.6	84724.7	-5054.6	1928	9.4	85306.5	-5053.4	2018	9.6	85949.0	-5048.5
1749	10.2	84003.5	-5026.6	1839	9.8	84730.7	-5007.7	1929	8.2	85313.5	-5035.4	2019	9.2	85958.5	-5032.7
1750	10.2	84014.5	-5026.7	1840	8.7	84731.7	-5018.6	1930	10.0	85315.0	-5012.0	2020	9.5	90000.0	-5014.6
1751	8.7	84015.5	-5002.4	1841	9.6	84734.7	-5040.9	1931	9.8	85321.0	-5013.9	2021	8.6	90000.0	-5057.2

-50 2022 9h00m

-50 2381 9h23m

2022	9.8	90001.2 -5057.0	2112	9.0	90617.7 -5029.1	2202	9.8	91311.8 -5048.8	2292	9.3	91808.4 -5024.0
2023	10.0	90008.0 -5029.5	2113	10.0	90622.7 -5038.6	2203	10.0	91312.3 -5046.4	2293	10.0	91815.4 -5020.4
2024	9.5	90013.5 -5007.0	2114	9.8	90632.2 -5047.0	2204	8.2	91315.8 -5003.1	2294	9.9	91819.4 -5038.2
2025	9.2	90020.0 -5028.9	2115	9.5	90637.7 -5023.7	2205	9.6	91317.8 -5042.3	2295	10.0	91819.4 -5015.1
2026	10.0	90028.0 -5056.6	2116	9.8	90638.2 -5012.1	2206	9.6	91318.3 -5010.3	2296	9.7	91825.4 -5045.1
2027	9.8	90028.5 -5046.8	2117	10.0	90639.7 -5000.4	2207	9.8	91319.3 -5019.7	2297	10.0	91837.6 -5058.6
2028	10.0	90032.0 -5049.9	2118	9.6	90654.7 -5022.5	2208	9.4	91321.8 -5012.2	2298	9.9	91844.4 -5058.0
2029	9.8	90036.0 -5036.0	2119	10.0	90657.7 -5025.1	2209	9.1	91321.8 -5026.0	2299	9.7	91849.4 -5031.4
2030	9.8	90043.0 -5027.1	2120	9.4	90659.7 -5033.1	2210	10.0	91322.8 -5000.5	2300	8.6	91854.4 -5002.2
2031	9.8	90054.6 -5057.8	2121	9.8	90714.2 -5009.1	2211	9.1	91338.8 -5013.3	2301	9.8	91900.0 -5002.5
2032	10.0	90100.0 -5022.9	2122	10.0	90720.0 -5058.3	2212	9.8	91339.8 -5033.7	2302	9.6	91905.9 -5023.7
2033	9.6	90101.0 -5022.8	2123	10.0	90722.2 -5054.6	2213	10.0	91349.3 -5041.4	2303	9.6	91909.2 -5002.9
2034	9.4	90113.0 -5018.4	2124	9.6	90724.7 -5010.8	2214	9.8	91352.3 -5045.9	2304	9.6	91909.4 -5059.4
2035	9.8	90115.4 -5001.2	2125	9.8	90732.2 -5047.0	2215	9.3	91352.3 -5015.8	2305	10.0	91914.4 -5015.7
2036	9.8	90120.0 -5011.7	2126	9.8	90733.7 -5010.3	2216	6.1	91357.3 -5031.5	2306	10.0	91926.9 -5035.1
2037	9.6	90120.0 -5037.8	2127	8.6	90736.2 -5024.3	2217	10.0	91357.3 -5016.2	2307	10.0	91926.9 -5019.0
2038	10.0	90122.5 -5018.3	2128	9.5	90737.7 -5051.4	2218	9.6	91404.3 -5054.8	2308	10.0	91930.9 -5054.1
2039	9.8	90129.0 -5028.5	2129	10.0	90740.7 -5008.2	2219	9.5	91405.8 -5055.3	2309	9.4	91935.4 -5007.0
2040	10.0	90130.0 -5016.5	2130	10.0	90742.2 -5042.0	2220	9.3	91408.8 -5033.3	2310	10.0	91937.4 -5027.4
2041	9.8	90131.0 -5052.7	2131	9.8	90745.2 -5015.8	2221	9.4	91414.3 -5040.9	2311	9.1	91940.5 -5047.4
2042	9.8	90133.0 -5033.8	2132	9.6	90745.7 -5030.6	2222	9.6	91416.8 -5038.0	2312	9.6	91942.4 -5004.1
2043	9.4	90140.5 -5033.8	2133	10.0	90803.7 -5022.6	2223	9.8	91418.0 -5003.1	2313	10.0	91943.4 -5051.9
2044	10.0	90141.0 -5048.1	2134	9.4	90818.2 -5030.6	2224	9.4	91421.6 -5043.4	2314	9.5	91945.4 -5012.6
2045	10.0	90143.5 -5045.6	2135	9.8	90822.2 -5038.2	2225	8.6	91421.6 -5004.4	2315	9.7	91950.4 -5001.0
2046	9.6	90144.5 -5005.1	2136	9.4	90823.7 -5048.4	2226	10.0	91430.1 -5028.2	2316	9.3	91950.4 -5054.3
2047	10.0	90145.2 -5000.5	2137	10.0	90831.7 -5054.1	2227	10.0	91435.3 -5016.8	2317	9.8	91953.9 -5000.1
2048	9.3	90146.5 -5004.3	2138	9.5	90833.7 -5042.0	2228	9.4	91448.6 -5002.5	2318	9.8	92004.4 -5040.4
2049	9.8	90148.0 -5015.0	2139	9.8	90909.2 -5057.9	2229	8.6	91449.3 -5013.0	2319	9.1	92004.4 -5052.2
2050	9.6	90148.5 -5035.8	2140	9.4	90909.7 -5047.0	2230	9.8	91452.6 -5048.4	2320	9.5	92008.2 -5001.1
2051	8.4	90149.4 -5057.7	2141	10.0	90909.7 -5005.4	2231	9.4	91459.3 -5034.9	2321	10.0	92009.4 -5011.7
2052	9.8	90156.5 -5042.6	2142	9.3	90914.7 -5052.3	2232	9.0	91509.3 -5011.8	2322	9.5	92010.4 -5017.9
2053	9.5	90157.5 -5052.9	2143	10.0	90918.2 -5055.2	2233	9.8	91509.3 -5055.8	2323	9.6	92012.9 -5046.0
2054	9.8	90204.0 -5015.9	2144	8.8	90920.2 -5014.9	2234	10.0	91509.9 -5058.1	2324	10.0	92013.9 -5055.1
2055	9.2	90208.0 -5050.4	2145	10.0	90921.7 -5023.5	2235	10.0	91511.8 -5020.3	2325	10.0	92015.4 -5025.6
2056	10.0	90225.7 -5033.9	2146	10.0	90923.2 -5014.2	2236	9.6	91511.9 -5009.3	2326	10.0	92021.5 -5051.9
2057	9.0	90238.7 -5033.3	2147	9.8	90930.5 -5035.7	2237	9.8	91521.1 -5010.7	2327	9.6	92029.4 -5024.1
2058	10.0	90241.5 -5059.1	2148	9.6	90933.3 -5057.2	2238	9.8	91522.6 -5013.6	2328	9.8	92031.4 -5053.0
2059	10.0	90249.7 -5016.0	2149	10.0	90937.0 -5015.1	2239	10.0	91523.8 -5042.6	2329	10.0	92035.4 -5057.2
2060	9.8	90249.7 -5002.0	2150	10.0	90945.0 -5015.4	2240	10.0	91524.8 -5055.9	2330	9.7	92037.9 -5021.7
2061	9.4	90255.7 -5027.5	2151	10.0	90949.0 -5001.5	2241	9.8	91525.8 -5023.8	2331	10.0	92039.4 -5044.0
2062	8.8	90256.7 -5032.4	2152	9.2	90949.5 -5021.9	2242	9.2	91529.9 -5037.2	2332	9.6	92043.4 -5014.6
2063	9.6	90258.7 -5014.5	2153	10.0	90949.5 -5014.1	2243	8.4	91543.9 -5001.2	2333	10.0	92052.4 -5016.5
2064	10.0	90301.2 -5024.1	2154	9.3	90951.0 -5027.8	2244	10.0	91547.4 -5003.5	2334	10.0	92104.4 -5017.9
2065	9.3	90304.7 -5018.3	2155	9.4	90951.0 -5010.0	2245	10.0	91549.4 -5054.1	2335	9.8	92104.5 -5056.1
2066	10.0	90306.2 -5019.7	2156	9.0	90956.5 -5005.5	2246	9.8	91559.5 -5016.0	2336	9.8	92105.9 -5045.5
2067	8.4	90312.7 -5042.6	2157	9.6	90957.0 -5051.0	2247	10.0	91600.4 -5022.9	2337	10.0	92106.9 -5048.5
2068	9.6	90314.7 -5047.8	2158	9.3	91000.0 -5040.0	2248	10.0	91601.4 -5046.3	2338	10.0	92108.4 -5050.8
2069	9.0	90318.7 -5016.7	2159	10.0	91009.5 -5003.7	2249	10.0	91601.5 -5040.0	2339	10.0	92115.4 -5052.5
2070	10.0	90327.7 -5043.0	2160	9.8	91009.5 -5018.3	2250	9.5	91604.4 -5022.0	2340	9.5	92117.9 -5003.4
2071	9.4	90331.7 -5038.1	2161	9.4	91013.5 -5052.2	2251	9.7	91606.4 -5025.6	2341	10.0	92129.5 -5057.3
2072	8.7	90335.7 -5008.2	2162	9.4	91023.5 -5021.4	2252	10.0	91610.9 -5006.2	2342	9.7	92129.9 -5009.7
2073	9.8	90339.2 -5039.5	2163	9.8	91026.0 -5022.6	2253	9.4	91611.4 -5021.8	2343	9.7	92130.4 -5016.2
2074	9.4	90339.2 -5044.3	2164	10.0	91042.5 -5029.0	2254	8.6	91619.4 -5015.7	2344	9.7	92131.9 -5007.6
2075	9.6	90349.7 -5018.4	2165	9.2	91047.5 -5024.8	2255	9.6	91622.9 -5038.1	2345	9.3	92132.4 -5038.1
2076	10.0	90350.2 -5030.7	2166	9.8	91055.5 -5032.7	2256	9.6	91623.4 -5026.0	2346	10.0	92139.4 -5042.7
2077	9.8	90350.7 -5049.8	2167	10.0	91055.5 -5005.8	2257	10.0	91625.9 -5011.0	2347	10.0	92141.4 -5022.1
2078	9.8	90351.7 -5026.3	2168	9.6	91102.8 -5001.6	2258	9.3	91627.4 -5023.7	2348	9.7	92142.4 -5037.1
2079	10.0	90400.7 -5011.9	2169	9.6	91104.5 -5022.6	2259	10.0	91627.9 -5026.7	2349	9.8	92145.9 -5013.7
2080	10.0	90401.2 -5009.4	2170	10.0	91106.5 -5040.9	2260	9.2	91628.4 -5023.2	2350	10.0	92154.4 -5010.9
2081	10.0	90403.7 -5049.6	2171	9.5	91112.5 -5052.1	2261	9.2	91628.4 -5010.3	2351	10.0	92156.4 -5050.2
2082	9.0	90405.7 -5006.5	2172	10.0	91119.5 -5016.0	2262	9.6	91629.4 -5058.9	2352	10.0	92200.4 -5029.0
2083	10.0	90406.7 -5019.8	2173	10.0	91134.5 -5040.0	2263	9.7	91633.4 -5051.2	2353	9.8	92200.4 -5005.4
2084	9.0	90407.2 -5017.5	2174	9.5	91147.0 -5037.4	2264	9.4	91647.9 -5042.3	2354	8.2	92212.4 -5037.9
2085	8.6	90414.7 -5056.0	2175	9.0	91148.5 -5049.3	2265	10.0	91652.9 -5048.1	2355	9.0	92216.0 -5057.1
2086	9.6	90418.7 -5055.9	2176	10.0	91150.5 -5007.9	2266	9.4	91658.4 -5015.8	2356	9.6	92223.4 -5056.2
2087	9.8	90420.7 -5010.2	2177	10.0	91202.5 -5008.4	2267	9.9	91703.9 -5041.3	2357	10.0	92225.4 -5000.7
2088	10.0	90422.5 -5000.2	2178	10.0	91218.5 -5009.1	2268	10.0	91708.9 -5020.9	2358	9.6	92227.9 -5053.6
2089	9.2	90427.2 -5037.6	2179	10.0	91219.5 -5011.3	2269	9.5	91713.4 -5038.1	2359	10.0	92230.4 -5015.2
2090	10.0	90439.7 -5022.4	2180	9.3	91221.5 -5010.2	2270	10.0	91715.4 -5048.7	2360	10.0	92233.4 -5027.1
2091	9.6	90449.7 -5050.2	2181	9.4	91228.3 -5024.8	2271	8.4	91720.4 -5052.7	2361	9.8	92236.4 -5023.2
2092	9.8	90500.7 -5040.5	2182	8.6	91229.3 -5025.2	2272	9.0	91725.9 -5032.9	2362	9.8	92239.7 -5002.1
2093	9.5	90519.2 -5020.2	2183	9.2	91229.3 -5018.4	2273	10.0	91727.9 -5044.7	2363	9.8	92240.4 -5023.6
2094	9.4	90521.7 -5034.9	2184	9.1	91234.6 -5001.7	2274	10.0	91732.4 -5032.7	2364	9.2	92242.4 -5004.1
2095	9.4	90521.7 -5022.3	2185	10.0	91238.3 -5044.2	2275	10.0	91733.4 -5002.9	2365	9.9	92243.4 -5008.2
2096	10.0	90521.7 -5007.2	2186	9.2	91239.3 -5025.6	2276	9.6	91733.4 -5028.3	2366	10.0	92250.4 -5008.1
2097	10.0	90534.2 -5036.8	2187	10.0	91241.3 -5037.3	2277	8.8	91733.9 -5054.1	2367	10.0	92251.4 -5052.5
2098	10.0	90534.2 -5052.3	2188	10.0	91241.3 -5059.1	2278	9.5	91733.9 -5040.6	2368	10.0	92251.4 -5052.9
2099	9.6	90535.7 -5037.0	2189	10.0	91244.3 -5041.6	2279	9.4	91734.4 -5001.2	2369	8.9	92252.9 -5004.3
2100	10.0	90537.2 -5039.2	2190	10.0	91246.8 -5003.4	2280	9.6	91734.9 -5041.1	2370	10.0	92257.4 -5051.7
2101	10.0	90537.7 -5040.3	2191	7.7	91253.3 -5054.9	2281	9.6	91739.4 -5042.9	2371	9.4	92258.4 -5012.1
2102	9.8	90539.2 -5014.3	2192	10.0	91253.8 -5056.4	2282	9.8	91739.9 -5053.2	2372	9.6	92259.4 -5003.7
2103	10.0	90542.2 -5045.3	2193	9.5	91256.3 -5038.4	2283	10.0	91745.4 -5059.6	2373	10.0	92300.4 -5048.3
2104	9.8	90545.2 -5050.8	2194	9.8	91257.3 -5019.7	2284	9.2	91746.9 -5038.7	2374	9.4	92308.4 -5049.0
2105	10.0	90548.7 -5052.2	2195	9.8	91258.3 -5031.9	2285	9.6	91748.4 -5021.8	2375	9.7	92309.4 -5022.9
2106	8.9	90555.7 -5023.9	2196	10.0	91259.3 -5041.2	2286	9.6	91750.4 -5027.8	2376	9.2	92309.9 -5055.9
2107	9.2	90557.7 -5006.9	2197	9.0	91300.3 -5006.2	2287	9.6	91751.4 -5047.5	2377	9.9	92312.9 -5009.9
2108	10.0	90604.7 -5009.7	2198	9.2	91301.8 -5004.0	2288	10.0	91754.4 -5046.7	2378	9.3	92315.9 -5031.5
2109	9.4	90604.7 -5006.3	2199	10.0	91309.3 -5033.4	2289	9.7	91755.4 -5051.9	2379	10.0	92321.4 -5020.3
2110	9.4	90606.5 -5058.3	2200	9.8	91309.3 -5007.4	2290	9.8	91800.2 -5001.0	2380	8.9	92326.9 -5010.9
2111	9.4	90611.7 -5028.2	2201	9.4	91311.8 -5018.5	2291	9.8	91800.4 -5039.9	2381	9.4	92330.4 -5033.9

-50 2382 9h23m

-50 2741 9h43m

2382	9.7	92330.4	-5045.2	2472	9.8	92913.7	-5058.6	2562	9.8	93432.8	-5005.4
2383	10.0	92341.7	-5036.9	2473	9.5	92919.7	-5053.9	2563	8.6	93438.8	-5016.8
2384	10.0	92344.7	-5013.7	2474	9.7	92920.7	-5018.1	2564	10.0	93439.8	-5010.0
2385	10.0	92347.2	-5036.9	2475	10.0	92924.7	-5046.7	2565	9.9	93447.3	-5023.4
2386	10.0	92348.2	-5052.0	2476	10.0	92935.7	-5002.1	2566	10.0	93449.8	-5050.1
2387	10.0	92350.7	-5048.9	2477	9.6	92939.7	-5056.5	2567	9.6	93457.8	-5004.0
2388	10.0	92358.7	-5031.1	2478	9.7	92947.7	-5022.3	2568	10.0	93459.8	-5001.2
2389	9.9	92359.7	-5026.4	2479	5.3	92949.6	-5041.9	2569	9.6	93459.8	-5011.2
2390	9.6	92401.7	-5005.3	2480	10.2	92950.8	-5029.3	2570	10.0	93459.8	-5024.1
2391	10.0	92409.7	-5000.1	2481	8.6	92954.6	-5002.7	2571	9.3	93505.8	-5046.3
2392	10.0	92409.7	-5053.0	2482	10.0	92954.8	-5017.6	2572	10.0	93509.3	-5014.8
2393	10.0	92411.5	-5002.0	2483	10.0	92955.0	-5059.5	2573	10.0	93510.8	-5014.2
2394	10.0	92416.7	-5020.4	2484	10.0	93014.8	-5043.4	2574	9.7	93518.3	-5050.5
2395	10.0	92418.2	-5033.5	2485	10.0	93018.8	-5033.1	2575	9.8	93518.8	-5022.5
2396	10.0	92419.7	-5003.8	2486	8.2	93025.8	-5000.3	2576	8.7	93520.3	-5020.7
2397	10.0	92420.7	-5037.0	2487	9.1	93034.3	-5005.8	2577	8.8	93522.8	-5055.7
2398	10.0	92421.5	-5040.0	2488	9.1	93034.8	-5002.0	2578	9.9	93522.8	-5052.1
2399	9.5	92423.7	-5011.2	2489	10.0	93039.8	-5015.1	2579	9.6	93530.3	-5048.1
2400	9.6	92424.2	-5050.4	2490	9.3	93040.3	-5037.3	2580	9.8	93532.8	-5005.1
2401	10.0	92431.7	-5021.4	2491	9.3	93047.3	-5037.5	2581	9.8	93537.8	-5023.2
2402	10.0	92439.7	-5008.8	2492	10.0	93059.8	-5036.5	2582	9.8	93540.8	-5010.1
2403	9.9	92453.2	-5055.4	2493	9.8	93110.3	-5008.5	2583	9.6	93549.3	-5001.2
2404	10.0	92455.4	-5059.6	2494	9.4	93110.8	-5023.0	2584	9.6	93549.8	-5053.8
2405	10.0	92459.5	-5018.2	2495	9.2	93114.8	-5001.0	2585	10.0	93554.8	-5015.8
2406	9.8	92502.7	-5038.7	2496	9.6	93114.8	-5022.0	2586	9.6	93559.3	-5043.3
2407	10.0	92505.2	-5049.0	2497	10.0	93114.8	-5001.6	2587	9.7	93559.8	-5047.8
2408	10.0	92508.7	-5018.0	2498	9.7	93115.8	-5057.7	2588	9.8	93559.8	-5013.2
2409	9.0	92510.7	-5005.9	2499	10.0	93116.8	-5059.5	2589	9.9	93600.6	-5000.1
2410	7.9	92518.7	-5003.4	2500	9.9	93128.3	-5017.0	2590	9.8	93600.8	-5020.0
2411	9.8	92520.7	-5006.8	2501	9.6	93130.3	-5015.7	2591	10.0	93601.8	-5010.0
2412	9.6	92526.7	-5033.5	2502	9.1	93133.8	-5002.9	2592	9.7	93605.3	-5022.9
2413	10.0	92527.2	-5053.1	2503	10.0	93134.8	-5000.7	2593	9.8	93612.3	-5037.4
2414	10.0	92535.7	-5041.7	2504	9.6	93134.8	-5031.4	2594	9.5	93612.6	-5002.7
2415	9.4	92544.7	-5022.7	2505	9.6	93138.8	-5013.5	2595	9.8	93613.3	-5048.6
2416	6.0	92549.7	-5058.1	2506	10.0	93143.3	-5050.1	2596	9.8	93613.8	-5049.7
2417	8.8	92550.7	-5006.4	2507	10.0	93149.8	-5015.0	2597	9.2	93619.3	-5028.1
2418	9.5	92604.2	-5045.1	2508	9.8	93151.8	-5024.5	2598	9.5	93620.8	-5001.1
2419	10.0	92609.7	-5051.7	2509	8.0	93158.8	-5057.2	2599	9.6	93626.3	-5000.5
2420	9.3	92617.2	-5020.4	2510	9.8	93158.8	-5039.8	2600	10.0	93643.5	-5004.8
2421	9.6	92621.7	-5027.3	2511	9.8	93159.1	-5001.0	2601	9.1	93645.3	-5021.8
2422	9.6	92624.7	-5039.7	2512	10.0	93203.3	-5012.6	2602	9.9	93649.3	-5019.4
2423	10.0	92625.1	-5000.3	2513	10.0	93209.3	-5023.9	2603	8.6	93649.8	-5035.3
2424	9.8	92634.7	-5034.3	2514	9.7	93218.8	-5028.4	2604	9.6	93651.8	-5008.1
2425	9.9	92636.7	-5031.2	2515	9.9	93220.8	-5003.7	2605	10.0	93655.8	-5027.4
2426	10.0	92638.2	-5046.0	2516	9.6	93234.8	-5006.9	2606	10.0	93655.8	-5003.0
2427	9.8	92638.7	-5006.0	2517	10.0	93236.3	-5048.5	2607	10.0	93656.8	-5055.4
2428	9.2	92638.7	-5052.3	2518	10.0	93239.8	-5023.5	2608	9.6	93700.8	-5004.9
2429	10.0	92641.7	-5017.9	2519	9.8	93239.8	-5055.6	2609	10.0	93704.3	-5038.5
2430	9.8	92646.7	-5030.8	2520	9.6	93240.8	-5012.3	2610	9.6	93705.8	-5046.2
2431	9.6	92649.7	-5023.4	2521	9.8	93242.8	-5056.0	2611	9.4	93708.8	-5003.4
2432	9.8	92650.7	-5009.3	2522	10.0	93244.0	-5037.8	2612	10.0	93709.8	-5038.1
2433	9.9	92655.7	-5024.5	2523	10.0	93248.8	-5041.7	2613	9.2	93712.3	-5057.5
2434	9.7	92656.2	-5044.8	2524	9.8	93249.8	-5026.0	2614	8.9	93718.3	-5055.5
2435	10.0	92658.7	-5055.7	2525	8.9	93250.3	-5037.7	2615	9.4	93720.8	-5018.2
2436	8.6	92700.7	-5047.5	2526	9.2	93250.8	-5032.0	2616	10.0	93725.3	-5050.1
2437	9.7	92705.7	-5020.6	2527	10.0	93250.8	-5045.3	2617	10.0	93735.3	-5049.4
2438	9.5	92706.1	-5002.5	2528	9.7	93256.3	-5041.0	2618	9.4	93739.8	-5051.6
2439	9.7	92708.7	-5040.1	2529	9.9	93303.3	-5015.5	2619	9.4	93743.3	-5041.3
2440	9.8	92708.7	-5013.1	2530	8.9	93303.8	-5053.9	2620	9.2	93745.8	-5028.9
2441	9.6	92716.7	-5033.1	2531	9.5	93305.3	-5053.9	2621	8.3	93759.8	-5035.6
2442	8.4	92717.7	-5042.0	2532	9.6	93310.8	-5001.2	2622	10.0	93802.5	-5024.4
2443	10.0	92719.7	-5031.3	2533	10.0	93314.8	-5055.3	2623	9.6	93804.0	-5022.2
2444	10.0	92728.7	-5052.1	2534	9.8	93317.8	-5013.8	2624	10.0	93806.0	-5030.1
2445	10.0	92730.2	-5004.9	2535	9.6	93319.3	-5034.7	2625	9.8	93809.5	-5039.2
2446	10.0	92730.7	-5028.3	2536	9.3	93323.8	-5037.1	2626	9.0	93810.0	-5010.1
2447	10.0	92737.2	-5005.5	2537	10.0	93327.3	-5018.4	2627	9.0	93810.5	-5030.9
2448	10.0	92742.2	-5009.7	2538	9.7	93327.8	-5053.6	2628	10.0	93820.0	-5018.2
2449	9.7	92742.2	-5032.1	2539	9.1	93329.9	-5059.3	2629	10.0	93821.0	-5006.1
2450	10.0	92742.7	-5009.9	2540	9.6	93333.3	-5024.5	2630	9.9	93829.0	-5010.8
2451	9.8	92744.7	-5059.3	2541	9.2	93334.8	-5041.2	2631	9.8	93835.5	-5045.8
2452	9.6	92750.7	-5018.9	2542	9.6	93338.1	-5057.5	2632	9.6	93849.5	-5015.1
2453	9.6	92758.7	-5004.5	2543	9.8	93342.8	-5018.6	2633	9.7	93856.0	-5049.4
2454	9.5	92801.2	-5049.5	2544	10.0	93342.8	-5013.0	2634	9.7	93857.5	-5022.5
2455	8.8	92803.7	-5024.5	2545	9.1	93345.3	-5006.1	2635	10.0	93859.0	-5015.8
2456	9.8	92807.2	-5006.4	2546	9.2	93347.3	-5034.2	2636	6.9	93900.5	-5039.3
2457	9.8	92808.7	-5000.1	2547	9.2	93348.8	-5039.1	2637	8.8	93909.0	-5057.4
2458	9.7	92810.7	-5054.6	2548	9.6	93357.8	-5021.6	2638	9.6	93909.0	-5001.3
2459	9.6	92820.7	-5008.3	2549	9.0	93359.8	-5027.7	2639	9.6	93910.0	-5008.0
2460	9.8	92823.7	-5028.1	2550	8.8	93405.8	-5014.2	2640	10.0	93910.5	-5024.4
2461	9.4	92824.7	-5052.7	2551	10.0	93407.8	-5055.6	2641	10.0	93917.5	-5024.0
2462	9.1	92828.7	-5051.3	2552	9.6	93410.8	-5059.0	2642	9.7	93920.0	-5018.9
2463	9.9	92829.7	-5041.6	2553	9.6	93411.8	-5032.2	2643	9.9	93926.0	-5006.3
2464	10.0	92834.7	-5025.3	2554	10.0	93415.3	-5038.3	2644	9.5	93930.0	-5002.2
2465	10.0	92839.2	-5011.5	2555	9.8	93419.8	-5020.3	2645	10.0	93931.0	-5040.8
2466	10.0	92840.7	-5050.1	2556	9.0	93421.6	-5059.5	2646	7.9	93936.0	-5047.7
2467	10.0	92848.7	-5023.1	2557	9.7	93425.8	-5025.0	2647	9.6	93936.0	-5016.3
2468	10.2	92851.7	-5022.5	2558	9.8	93429.8	-5031.6	2648	10.0	93945.5	-5042.2
2469	9.6	92857.2	-5013.1	2559	10.0	93430.8	-5023.1	2649	8.7	93949.5	-5055.6
2470	9.8	92905.2	-5007.3	2560	9.3	93431.3	-5059.2	2650	8.8	93950.5	-5044.1
2471	9.7	92909.7	-5015.5	2561	9.6	93432.8	-5020.3	2651	9.9	93956.0	-5037.4
2652	9.6	94000.0	-5056.4								
2653	8.7	94000.0	-5040.9								
2654	9.2	94001.7	-5059.7								
2655	9.2	94005.5	-5020.8								
2656	10.0	94006.0	-5029.7								
2657	8.6	94006.0	-5015.0								
2658	9.5	94015.0	-5020.8								
2659	9.6	94015.0	-5005.2								
2660	9.7	94015.5	-5027.1								
2661	9.8	94018.2	-5059.9								
2662	9.6	94020.0	-5048.1								
2663	9.9	94021.5	-5045.2								
2664	9.5	94023.0	-5035.9								
2665	9.8	94023.5	-5007.2								
2666	9.6	94024.0	-5012.0								
2667	9.1	94025.0	-5014.9								
2668	9.6	94025.0	-5011.2								
2669	9.6	94028.7	-5000.4								
2670	10.0	94030.3	-5048.6								
2671	9.9	94032.0	-5050.2								
2672	9.8	94032.0	-5006.2								
2673	10.0	94034.0	-5057.2								
2674	8.8	94034.5	-5005.6								
2675	9.6	94037.5	-5041.2								
2676	9.7	94040.5	-5010.3								
2677	10.0	94040.9	-5059.2								
2678	8.8	94041.5	-5010.2								
2679	9.9	94047.7	-5015.6								
2680	10.0	94050.0	-5041.4								
2681	9.0	94050.7	-5057.6								
2682	9.6	94054.0	-5035.7								
2683	9.6	94054.0	-5018.9								
2684	9.8	94054.5	-5029.5								
2685	9.6	94056.0	-5010.7								
2686	9.9	94056.0	-5049.5								
2687	10.0	94059.0	-5046.1								
2688	9.5	94103.0	-5003.1								
2689	9.9	94112.5	-5047.8								
2690	9.8	94114.0	-5040.6								
2691	9.2	94118.5	-5007.0								
2692	9.9	94118.5	-5037.2								
2693	10.0	94119.0	-5020.2								
2694	9.8	94123.0	-5031.5								
2695	9.8	94123.5	-5021.0								
2696	9.6	94124.5	-5056.2								
2697	10.0	94124.5	-5034.3								
2698	9.3	94125.0	-5012.3								
2699	8.6	94130.5	-5017.7								
2700	10.0	94130.9	-5058.4								
2701	9.2	94141.0	-5010.2								
2702	10.0	94147.5	-5020.5								
2703	9.7	94149.0	-5046.1								
2704	9.7	94150.0	-5020.8								
2705	10.0	94150.0	-5034.8								
2706	10.0	94150.5	-5049.1								
2707	8.8	94154.5	-5047.4								
2708	9.4	94154.5	-5053.4								
2709	9.2	94155.0	-5021.2								
2710	9.6	94156.0	-5008.0								
2711	9.6	94201.0	-5017.2								
2712	10.0	94202.0	-5028.6								
2713	8.1	94204.5	-5000.0								
2714	9.6	94205.0	-5042.7								
2715	9.2	94206.5	-5047.8								
2716	10.0	94207.0	-5050.2								
2717	9.3	94214.5	-5055.8								
2718	10.0	94215.0	-5013.8								
2719	10.0	94216.0	-5034.5								
2720	10.0	94221.5	-5044.0								
2721	9.8	94225.0	-5019.0								
2722	9.9	94228.0	-5055.4								
2723	9.6	94229.0	-5058.6								
2724	9.8	94229.5	-5000.4								
2725	9.8	94240.0	-5054.4								
2726	9.5	94244.5	-5012.8								
2727	9.8	94245.0	-5041.8								
2728	10.0	94246.5	-5036.0								
2729	9.5	94248.0	-5012.8								
2730	9.9	94258.5	-5055.6								
2731	9.6	94300.0	-5019.6								
2732	10.0	94300.0	-5048.0								
2733	9.8	94303.0	-5037.8								
2734	10.0	94304.0	-5033.4								
2735	9.9	94305.0	-5003.0								
2736	9.9	94308.5	-5035.6								
2737	9.9	94311.0	-5054.0								
2738	9.7	94317.5	-5017.6								
2739	9.7	94319.0	-5036.4								
2740	9.9	94319.5	-5017.1								
2741	9.8	94321.0	-5017.4								

-50 2742 9h43m

-50 3101 10h05m

2742	9.6	94331.0	-5019.8	2832	9.8	94828.0	-5002.0	2922	9.8	95354.1	-5050.5	3012	9.5	95955.6	-5042.2
2743	9.8	94336.0	-5030.2	2833	9.7	94831.2	-5036.7	2923	9.4	95355.1	-5035.5	3013	9.8	100001.4	-5000.7
2744	9.2	94337.0	-5036.0	2834	8.5	94836.2	-5020.5	2924	8.5	95359.1	-5023.8	3014	9.8	100010.1	-5052.2
2745	8.8	94340.0	-5042.4	2835	9.8	94839.2	-5047.3	2925	9.8	95400.1	-5055.6	3015	9.8	100015.6	-5047.2
2746	10.0	94341.5	-5015.3	2836	9.5	94842.2	-5021.4	2926	9.6	95401.1	-5008.0	3016	9.8	100016.6	-5013.2
2747	9.7	94341.7	-5057.9	2837	9.8	94846.7	-5048.4	2927	9.8	95403.6	-5051.4	3017	9.4	100017.6	-5010.4
2748	8.8	94350.0	-5022.9	2838	9.5	94847.7	-5039.4	2928	9.4	95407.6	-5046.7	3018	7.2	100019.6	-5042.5
2749	10.0	94358.0	-5016.9	2839	8.6	94850.7	-5055.0	2929	9.6	95413.1	-5043.4	3019	9.8	100027.6	-5051.6
2750	9.5	94359.5	-5031.9	2840	9.8	94853.7	-5004.8	2930	9.6	95414.6	-5006.2	3020	9.8	100033.1	-5054.5
2751	10.0	94402.5	-5006.9	2841	9.0	94854.9	-5058.6	2931	9.5	95416.1	-5026.6	3021	9.8	100038.1	-5032.1
2752	10.0	94406.0	-5010.7	2842	9.8	94856.2	-5051.1	2932	9.8	95416.1	-5018.7	3022	9.8	100039.1	-5022.1
2753	9.5	94410.0	-5043.5	2843	8.9	94859.2	-5002.2	2933	9.8	95416.1	-5021.2	3023	9.7	100040.1	-5016.5
2754	10.0	94410.0	-5033.0	2844	9.8	94859.7	-5050.6	2934	9.8	95416.6	-5025.8	3024	9.8	100045.6	-5023.7
2755	9.4	94410.0	-5023.6	2845	9.5	94900.2	-5025.8	2935	9.8	95429.1	-5016.6	3025	9.8	100047.6	-5020.6
2756	8.6	94410.0	-5025.0	2846	9.8	94901.2	-5003.8	2936	9.4	95438.1	-5009.2	3026	9.8	100047.6	-5006.1
2757	9.5	94411.0	-5024.3	2847	9.8	94911.2	-5048.0	2937	9.8	95442.0	-5000.4	3027	9.8	100048.0	-5041.4
2758	9.2	94414.2	-5058.0	2848	7.0	94915.2	-5033.4	2938	9.6	95444.6	-5026.0	3028	9.8	100050.1	-5059.3
2759	9.0	94416.5	-5045.7	2849	9.3	94929.2	-5028.2	2939	9.8	95451.1	-5013.5	3029	9.0	100055.1	-5046.4
2760	10.0	94420.0	-5054.8	2850	9.5	94940.7	-5015.4	2940	9.7	95452.5	-5002.0	3030	9.6	100107.1	-5001.8
2761	9.2	94423.0	-5030.8	2851	9.6	94942.2	-5016.3	2941	9.6	95456.3	-5057.6	3031	9.4	100108.1	-5037.0
2762	9.3	94425.0	-5019.3	2852	9.8	94947.7	-5019.2	2942	9.2	95505.1	-5051.2	3032	9.4	100118.1	-5047.4
2763	10.0	94431.0	-5033.9	2853	9.8	94949.2	-5021.8	2943	9.6	95512.1	-5042.8	3033	8.6	100130.1	-5016.4
2764	9.5	94432.0	-5038.9	2854	9.5	94950.2	-5024.2	2944	9.7	95531.1	-5035.2	3034	9.8	100130.3	-5031.2
2765	9.9	94434.5	-5044.3	2855	9.8	94950.2	-5015.0	2945	9.8	95531.6	-5001.0	3035	9.8	100134.6	-5033.7
2766	9.8	94435.0	-5055.9	2856	9.8	94951.2	-5009.8	2946	9.8	95535.1	-5045.5	3036	9.8	100150.1	-5037.6
2767	9.1	94435.0	-5034.4	2857	9.8	94954.2	-5021.7	2947	9.8	95537.1	-5036.8	3037	9.6	100151.1	-5031.9
2768	9.7	94437.1	-5006.5	2858	8.9	94959.2	-5016.8	2948	9.4	95547.1	-5019.0	3038	9.5	100153.1	-5058.9
2769	10.0	94438.5	-5034.7	2859	9.8	95001.2	-5057.3	2949	9.8	95551.1	-5037.0	3039	9.8	100154.1	-5054.7
2770	9.8	94439.5	-5017.8	2860	9.6	95001.2	-5017.8	2950	8.5	95554.1	-5029.3	3040	9.4	100154.1	-5033.3
2771	10.0	94440.0	-5008.5	2861	9.0	95004.9	-5056.9	2951	9.4	95557.1	-5019.4	3041	9.8	100203.6	-5003.2
2772	8.6	94447.5	-5004.7	2862	9.2	95009.2	-5024.1	2952	9.8	95603.1	-5046.2	3042	8.1	100207.1	-5028.1
2773	10.0	94454.4	-5045.9	2863	9.8	95010.2	-5019.0	2953	9.5	95611.1	-5020.2	3043	9.8	100211.1	-5046.1
2774	10.0	94459.0	-5036.8	2864	8.5	95022.7	-5013.8	2954	9.6	95611.9	-5001.6	3044	9.8	100219.1	-5028.0
2775	9.8	94500.0	-5044.1	2865	8.6	95024.2	-5024.3	2955	9.6	95611.9	-5002.0	3045	9.1	100222.6	-5043.3
2776	9.8	94500.0	-5040.1	2866	9.8	95024.2	-5005.0	2956	9.6	95614.4	-5002.0	3046	9.4	100234.1	-5015.7
2777	10.0	94500.6	-5007.4	2867	9.8	95027.2	-5019.7	2957	9.6	95617.1	-5014.6	3047	9.2	100237.1	-5038.9
2778	10.0	94507.0	-5031.3	2868	9.7	95027.7	-5051.0	2958	9.1	95618.1	-5018.0	3048	9.8	100240.1	-5001.2
2779	10.0	94508.0	-5038.4	2869	9.8	95028.7	-5050.6	2959	9.6	95622.4	-5001.8	3049	9.8	100240.1	-5025.5
2780	10.0	94510.0	-5002.4	2870	9.6	95034.2	-5016.0	2960	9.4	95634.1	-5028.0	3050	9.8	100240.1	-5042.9
2781	9.8	94516.0	-5046.6	2871	9.6	95035.2	-5022.0	2961	9.8	95635.9	-5059.0	3051	9.6	100245.1	-5036.7
2782	10.0	94517.9	-5000.9	2872	9.8	95051.2	-5038.2	2962	8.8	95639.1	-5041.2	3052	9.8	100247.6	-5055.8
2783	9.8	94520.0	-5022.1	2873	9.8	95051.7	-5052.6	2963	9.1	95642.6	-5022.0	3053	9.8	100255.1	-5002.4
2784	9.2	94521.0	-5007.5	2874	9.2	95052.2	-5032.2	2964	9.7	95644.9	-5031.9	3054	9.5	100259.1	-5050.9
2785	10.0	94525.5	-5036.8	2875	9.5	95058.2	-5056.2	2965	9.3	95647.6	-5037.6	3055	8.6	100300.1	-5024.3
2786	10.0	94525.9	-5002.2	2876	9.8	95102.2	-5051.8	2966	9.5	95643.1	-5037.2	3056	9.8	100303.1	-5002.5
2787	9.4	94526.5	-5037.0	2877	9.6	95105.2	-5024.4	2967	9.6	95648.1	-5021.7	3057	9.8	100305.1	-5055.0
2788	9.9	94527.1	-5013.9	2878	9.8	95110.7	-5024.8	2968	9.8	95648.6	-5005.0	3058	9.6	100310.1	-5031.0
2789	10.0	94527.8	-5012.9	2879	9.7	95115.2	-5023.4	2969	9.4	95654.1	-5006.4	3059	9.2	100314.1	-5041.4
2790	7.8	94530.2	-5002.5	2880	9.7	95116.2	-5035.9	2970	9.6	95655.1	-5056.8	3060	9.4	100327.1	-5034.6
2791	9.4	94530.2	-5008.0	2881	9.6	95118.2	-5012.2	2971	9.8	95701.1	-5044.4	3061	9.6	100328.6	-5040.0
2792	9.8	94536.2	-5055.4	2882	9.6	95128.7	-5032.7	2972	9.8	95709.1	-5042.4	3062	9.1	100337.9	-5054.2
2793	9.7	94540.2	-5008.0	2883	9.5	95134.2	-5026.2	2973	8.6	95710.1	-5009.6	3063	9.8	100340.1	-5049.6
2794	9.8	94549.2	-5036.8	2884	9.4	95135.7	-5041.2	2974	9.2	95711.6	-5013.9	3064	9.5	100345.1	-5020.6
2795	9.5	94556.2	-5002.7	2885	8.7	95136.2	-5040.2	2975	9.8	95717.1	-5037.2	3065	9.8	100350.1	-5053.7
2796	9.8	94600.2	-5035.8	2886	9.0	95137.2	-5029.0	2976	9.2	95721.1	-5032.0	3066	9.1	100355.1	-5023.8
2797	9.4	94601.2	-5044.3	2887	9.3	95140.2	-5042.7	2977	9.8	95721.1	-5003.5	3067	9.2	100357.1	-5042.7
2798	9.4	94612.6	-5056.7	2888	9.8	95144.2	-5055.2	2978	9.4	95723.1	-5011.6	3068	8.7	100400.1	-5011.1
2799	9.6	94619.2	-5014.9	2889	7.3	95145.2	-5044.6	2979	9.8	95725.6	-5019.0	3069	9.5	100400.1	-5042.0
2800	9.2	94620.7	-5020.9	2890	9.8	95146.7	-5054.9	2980	9.5	95726.1	-5018.8	3070	9.7	100404.1	-5006.2
2801	8.7	94620.7	-5055.1	2891	9.8	95202.2	-5016.3	2981	9.4	95730.1	-5027.4	3071	9.5	100406.1	-5008.7
2802	9.8	94638.2	-5028.4	2892	9.3	95204.2	-5023.0	2982	9.8	95730.1	-5009.6	3072	9.8	100409.6	-5035.8
2803	9.8	94640.2	-5005.7	2893	9.8	95207.2	-5015.3	2983	9.3	95728.1	-5049.4	3073	9.8	100414.6	-5002.0
2804	9.8	94644.2	-5051.1	2894	9.7	95212.9	-5058.4	2984	9.8	95742.6	-5003.9	3074	9.7	100420.1	-5036.0
2805	9.4	94646.2	-5044.7	2895	9.8	95213.4	-5023.0	2985	9.4	95746.1	-5000.3	3075	9.8	100421.1	-5022.6
2806	9.6	94657.2	-5023.1	2896	8.9	95213.7	-5011.2	2986	9.5	95756.1	-5014.0	3076	9.8	100422.1	-5019.0
2807	9.8	94705.2	-5002.2	2897	9.1	95213.7	-5041.0	2987	9.4	95759.1	-5009.5	3077	9.8	100425.1	-5014.2
2808	9.6	94710.2	-5015.4	2898	9.8	95221.2	-5009.2	2988	9.5	95759.1	-5011.8	3078	9.7	100427.6	-5032.6
2809	9.4	94711.2	-5018.1	2899	9.5	95226.2	-5030.7	2989	9.8	95816.6	-5038.0	3079	8.8	100428.1	-5052.8
2810	9.8	94722.2	-5030.7	2900	9.6	95228.7	-5006.0	2990	9.5	95823.1	-5019.9	3080	9.7	100429.9	-5046.4
2811	9.8	94728.2	-5049.1	2901	9.4	95235.2	-5043.3	2991	9.5	95827.6	-5012.4	3081	8.1	100430.1	-5001.7
2812	9.6	94728.7	-5007.8	2902	9.5	95237.7	-5058.7	2992	8.5	95859.1	-5028.3	3082	9.2	100430.1	-5021.6
2813	9.6	94732.2	-5026.7	2903	9.8	95244.2	-5051.0	2993	9.8	95902.1	-5002.8	3083	9.6	100431.6	-5010.8
2814	9.8	94740.2	-5022.3	2904	8.9	95247.2	-5006.6	2994	9.8	95903.6	-5004.1	3084	8.8	100435.1	-5040.4
2815	9.5	94740.7	-5031.2	2905	9.6	95250.2	-5053.8	2995	9.8	95906.6	-5030.0	3085	9.8	100435.1	-5010.0
2816	9.8	94746.2	-5031.5	2906	9.5	95253.2	-5048.6	2996	9.6	95911.1	-5042.2	3086	9.4	100436.1	-5028.9
2817	9.8	94751.2	-5054.9	2907	8.9	95254.7	-5023.8	2997	9.8	95911.1	-5018.8	3087	9.8	100440.1	-5035.4
2818	9.5	94751.2	-5004.5	2908	9.6	95256.7	-5009.6	2998	9.7	95912.1	-5028.5	3088	9.8	100441.1	-5011.7
2819	9.8	94754.2	-5016.1	2909	9.8	95311.1	-5002.1	2999	9.5	95916.6	-5044.9	3089	9.6	100446.1	-5018.5
2820	9.8	94759.7	-5001.8	2910	9.4	95313.1	-5010.8	3000	9.7	95920.1	-5049.4	3090	9.8	100445.1	-5031.9
2821	9.2	94800.2	-5011.6	2911	9.4	95313.2	-5003.8	3001	9.6	95926.6	-5015.7	3091	9.8	100450.1	-5010.8
2822	9.1	94808.2	-5049.2	2912	9.8	95316.1	-5008.4	3002	9.8	95930.1	-5027.6	3092	9.8	100452.6	-5004.9
2823	9.8	94808.7	-5015.3	2913	9.2	95320.1	-5041.0	3003	8.9	95935.1	-5014.5	3093	9.8	100454.1	-5034.6
2824	9.0	94812.7	-5029.4	2914	8.9	95320.6	-5013.6	3004	9.8	95936.1	-5026.1	3094	9.3	100500.1	-5030.6
2825	9.8	94814.7	-5000.3	2915	8.5	95331.1	-5027.2	3005	9.8	95940.1	-5037.6	3095	9.5	100504.1	-5010.5
2826	9.7	94815.2	-5001.1	2916	9.4	95336.3	-5058.1	3006	9.6	95940.1	-5021.7	3096	9.7	100505.1	-5017.8
2827	8.6	94818.2	-5027.1	2917	9.6	95340.1	-5000.8	3007	9.8	95941.1	-5023.2	3097	9.6	100509.1	-5059.1
2828	9.8	94820.5	-5002.7	2918	9.8	95341.1	-5006.5	3008	9.6	95944.1	-5014.1	3098	9.0	100511.1	-5038.4
2829	8.8	94823.2	-5054.6	2919	9.3	95342.1	-5038.0	3009	9.1	95950.1	-5026.3	3099	9.5	100511.6	-5040.4
2830	9.5	94825.2	-5047.1	2920	9.2	95342.6	-5032.4	3010	9.7	95952.1	-5047.0	3100	9.8	100514.6	-5004.8
2831	9.7	94825.2	-5044.5	2921	9.3	95347.6	-5052.4	3011	9.0	95954.1	-5048.2	3101	9.3	100516.1	-5030.3

-50 3102 10h05m

-50 3461 10h22m

3102	9.4	100518.1	-5035.1	3192	9.4	100850.1	-5056.8	3282	9.4	101201.3	-5032.8	3372	9.8	101616.3	-5046.6
3103	9.4	100528.2	-5057.1	3193	9.8	100851.1	-5058.3	3283	9.4	101203.1	-5010.5	3373	9.0	101617.3	-5048.9
3104	9.6	100528.6	-5009.0	3194	9.8	100853.1	-5033.6	3284	9.5	101203.6	-5003.5	3374	10.0	101617.8	-5044.9
3105	9.8	100533.6	-5006.6	3195	9.6	100858.1	-5046.0	3285	9.8	101205.1	-5055.7	3375	9.7	101619.3	-5029.3
3106	9.8	100538.6	-5004.2	3196	9.8	100858.6	-5020.2	3286	9.7	101206.1	-5038.8	3376	9.7	101623.3	-5026.0
3107	8.6	100539.1	-5032.9	3197	9.6	100900.1	-5005.9	3287	9.1	101206.6	-5054.7	3377	10.0	101628.3	-5002.8
3108	9.6	100541.1	-5013.8	3198	9.8	100900.1	-5020.3	3288	9.8	101209.7	-5057.9	3378	9.8	101628.3	-5043.6
3109	9.7	100546.6	-5004.1	3199	9.8	100900.6	-5034.2	3289	9.5	101212.6	-5017.9	3379	10.0	101630.0	-5031.8
3110	9.5	100554.1	-5056.2	3200	9.6	100901.1	-5013.6	3290	9.2	101215.1	-5052.5	3380	9.7	101632.8	-5019.9
3111	9.4	100555.6	-5011.6	3201	9.8	100910.1	-5012.2	3291	9.5	101215.1	-5021.2	3381	8.6	101634.8	-5036.7
3112	9.6	100559.6	-5019.6	3202	9.8	100911.3	-5036.9	3292	9.8	101215.3	-5038.1	3382	8.7	101641.3	-5028.1
3113	9.8	100600.1	-5023.6	3203	9.8	100915.6	-5035.1	3293	9.7	101218.6	-5054.2	3383	9.0	101646.8	-5031.0
3114	9.1	100600.1	-5025.3	3204	9.6	100918.6	-5040.3	3294	9.8	101220.1	-5048.7	3384	9.7	101648.3	-5008.8
3115	9.4	100605.1	-5019.6	3205	9.6	100919.1	-5055.3	3295	9.8	101224.1	-5012.7	3385	9.7	101654.3	-5025.6
3116	9.6	100608.6	-5003.1	3206	9.7	100923.3	-5001.5	3296	9.6	101237.1	-5026.0	3386	10.0	101655.3	-5005.8
3117	9.3	100610.1	-5008.8	3207	9.6	100923.6	-5033.4	3297	9.6	101240.1	-5054.9	3387	9.8	101656.3	-5042.0
3118	8.4	100613.6	-5012.8	3208	9.3	100924.1	-5030.0	3298	9.6	101240.1	-5052.3	3388	9.3	101656.3	-5009.6
3119	9.7	100615.6	-5042.8	3209	9.5	100928.1	-5005.8	3299	9.6	101241.1	-5003.8	3389	10.0	101656.8	-5026.2
3120	9.8	100616.6	-5000.0	3210	9.8	100931.1	-5057.4	3300	9.7	101244.1	-5030.8	3390	10.0	101659.8	-5007.8
3121	9.8	100620.1	-5024.8	3211	9.6	100931.3	-5001.0	3301	9.8	101246.6	-5049.7	3391	9.2	101703.3	-5008.3
3122	9.1	100620.1	-5023.0	3212	9.8	100934.1	-5026.6	3302	9.7	101248.6	-5038.8	3392	9.5	101717.3	-5004.3
3123	9.8	100621.6	-5002.6	3213	9.7	100935.6	-5051.8	3303	9.8	101248.6	-5015.0	3393	9.8	101720.5	-5058.1
3124	9.5	100624.6	-5038.2	3214	9.1	100937.1	-5004.5	3304	9.2	101249.3	-5028.6	3394	8.9	101727.3	-5026.7
3125	9.7	100625.1	-5018.6	3215	9.8	100942.1	-5008.4	3305	9.0	101252.1	-5017.7	3395	9.3	101730.8	-5051.5
3126	8.9	100627.6	-5040.1	3216	9.8	100946.6	-5036.8	3306	9.8	101252.6	-5038.8	3396	9.4	101730.8	-5019.2
3127	9.8	100628.6	-5014.7	3217	9.8	100951.1	-5010.7	3307	9.5	101253.1	-5021.1	3397	9.2	101735.3	-5047.8
3128	9.8	100635.1	-5032.2	3218	9.6	100952.1	-5020.1	3308	9.6	101257.1	-5035.0	3398	9.0	101737.3	-5009.2
3129	9.8	100639.6	-5040.0	3219	9.8	100955.1	-5024.1	3309	9.6	101258.1	-5024.8	3399	9.5	101739.3	-5015.5
3130	9.6	100644.1	-5011.6	3220	9.8	100955.1	-5006.5	3310	9.4	101300.1	-5031.0	3400	7.8	101745.3	-5059.0
3131	9.7	100645.1	-5034.8	3221	9.6	100958.6	-5004.9	3311	9.5	101307.1	-5055.9	3401	9.5	101752.8	-5016.4
3132	9.5	100646.1	-5043.0	3222	9.6	101001.1	-5014.4	3312	9.5	101309.1	-5004.7	3402	9.5	101758.3	-5031.3
3133	9.8	100650.1	-5033.4	3223	9.0	101001.1	-5017.6	3313	9.6	101310.1	-5042.1	3403	10.0	101805.8	-5028.5
3134	9.8	100658.6	-5004.8	3224	9.5	101001.1	-5026.1	3314	9.2	101310.1	-5059.6	3404	9.7	101807.3	-5004.8
3135	9.5	100701.1	-5044.5	3225	9.6	101001.1	-5047.0	3315	9.8	101314.1	-5043.5	3405	9.7	101812.3	-5008.3
3136	9.1	100702.6	-5053.1	3226	9.8	101001.8	-5058.9	3316	8.0	101317.6	-5011.8	3406	10.0	101814.8	-5050.8
3137	9.8	100703.1	-5004.5	3227	9.8	101004.1	-5024.7	3317	9.8	101318.1	-5001.4	3407	10.0	101817.3	-5049.2
3138	9.8	100703.1	-5011.0	3228	9.5	101015.6	-5003.3	3318	9.8	101318.6	-5038.0	3408	9.4	101828.3	-5023.0
3139	9.6	100703.6	-5055.8	3229	9.8	101019.0	-5017.7	3319	9.8	101320.1	-5018.3	3409	10.0	101831.3	-5012.7
3140	9.8	100705.1	-5023.3	3230	9.8	101019.5	-5001.0	3320	9.4	101320.6	-5016.6	3410	9.8	101831.8	-5003.7
3141	9.8	100705.6	-5028.7	3231	9.8	101020.1	-5037.3	3321	9.4	101321.6	-5053.6	3411	10.0	101835.3	-5047.0
3142	9.4	100708.1	-5027.8	3232	9.8	101020.1	-5005.6	3322	9.8	101322.6	-5056.4	3412	10.0	101842.3	-5055.1
3143	9.8	100710.1	-5002.7	3233	9.6	101025.1	-5020.0	3323	9.6	101323.6	-5041.5	3413	9.3	101846.8	-5050.8
3144	9.7	100710.6	-5033.5	3234	9.8	101030.1	-5001.9	3324	9.8	101326.1	-5015.6	3414	9.8	101858.3	-5018.0
3145	9.2	100711.1	-5047.0	3235	9.6	101038.1	-5005.1	3325	9.6	101329.1	-5003.4	3415	10.0	101904.8	-5056.1
3146	9.6	100711.1	-5055.1	3236	9.5	101040.1	-5004.4	3326	9.7	101332.6	-5003.9	3416	9.0	101906.8	-5022.9
3147	9.5	100721.1	-5050.2	3237	9.7	101040.1	-5006.0	3327	9.6	101339.6	-5010.0	3417	9.8	101906.8	-5052.3
3148	9.4	100725.1	-5049.2	3238	9.8	101046.6	-5053.8	3328	9.6	101340.6	-5022.0	3418	9.8	101907.3	-5009.1
3149	9.8	100730.1	-5037.6	3239	9.5	101047.6	-5045.1	3329	9.7	101350.6	-5009.4	3419	10.0	101908.3	-5004.7
3150	9.7	100730.1	-5002.7	3240	9.8	101049.1	-5027.5	3330	8.7	101351.3	-5004.2	3420	10.0	101910.3	-5042.8
3151	9.8	100731.9	-5057.1	3241	8.1	101049.1	-5038.1	3331	9.4	101352.1	-5013.9	3421	9.4	101924.8	-5019.2
3152	9.6	100735.1	-5040..	3242	9.8	101055.1	-5002.6	3332	9.8	101354.3	-5035.0	3422	10.0	101937.8	-5026.9
3153	9.5	100735.1	-5049.	3243	9.8	101055.1	-5017.0	3333	9.5	101355.6	-5035.6	3423	9.6	101937.8	-5013.7
3154	9.4	100735.1	-5021..	3244	9.8	101059.1	-5017.7	3334	9.5	101400.1	-5007.4	3424	10.0	101941.5	-5058.6
3155	9.7	100741.1	-5039..	3245	9.8	101059.1	-5028.1	3335	9.8	101400.6	-5009.8	3425	9.5	101942.3	-5009.8
3156	9.6	100741.1	-5046.3	3246	8.8	101100.1	-5042.2	3336	9.3	101402.3	-5000.6	3426	9.8	101949.3	-5025.7
3157	9.2	100743.1	-5009.9	3247	9.8	101106.1	-5019.6	3337	9.4	101404.1	-5039.6	3427	9.8	101950.8	-5055.0
3158	9.6	100744.1	-5030.2	3248	9.5	101107.6	-5013.1	3338	9.8	101405.1	-5040.1	3428	10.0	101952.3	-5028.3
3159	9.8	100744.6	-5025.9	3249	9.8	101112.6	-5032.8	3339	7.3	101406.7	-5005.4	3429	9.6	101955.8	-5023.0
3160	9.8	100745.1	-5030.5	3250	9.6	101119.6	-5031.5	3340	9.8	101407.6	-5038.4	3430	10.0	102004.8	-5014.0
3161	8.8	100746.6	-5045.8	3251	9.8	101120.1	-5038.5	3341	9.8	101409.6	-5039.8	3431	9.7	102006.3	-5011.8
3162	9.6	100749.1	-5014.4	3252	9.8	101120.1	-5041.5	3342	9.8	101415.5	-5034.4	3432	10.0	102008.3	-5046.0
3163	9.0	100753.1	-5042.6	3253	9.8	101122.1	-5010.4	3343	9.5	101416.6	-5038.4	3433	9.8	102008.8	-5003.9
3164	8.6	100753.1	-5047.9	3254	9.8	101122.1	-5056.2	3344	9.6	101421.6	-5055.6	3434	9.5	102014.8	-5046.5
3165	9.8	100755.1	-5018.9	3255	9.8	101124.1	-5041.2	3345	9.4	101434.6	-5037.6	3435	9.7	102015.3	-5045.5
3166	9.8	100757.1	-5049.7	3256	9.6	101124.6	-5038.9	3346	9.6	101436.6	-5017.9	3436	9.6	102017.0	-5023.3
3167	9.8	100759.1	-5004.6	3257	9.4	101125.1	-5019.9	3347	9.8	101440.1	-5003.5	3437	9.8	102018.3	-5013.0
3168	9.8	100759.9	-5057.7	3258	9.8	101127.1	-5045.5	3348	9.1	101442.1	-5024.8	3438	9.8	102019.8	-5004.0
3169	9.5	100805.1	-5021.5	3259	9.8	101130.1	-5011.3	3349	9.6	101444.6	-5023.3	3439	10.0	102024.3	-5027.9
3170	9.8	100806.1	-5048.4	3260	9.4	101130.1	-5006.2	3350	9.7	101455.7	-5049.8	3440	10.0	102030.8	-5024.8
3171	9.4	100809.1	-5042.1	3261	9.8	101130.1	-5008.6	3351	9.6	101458.2	-5026.6	3441	10.0	102047.8	-5040.0
3172	9.5	100809.1	-5017.7	3262	9.4	101130.1	-5002.0	3352	7.8	101459.0	-5056.5	3442	10.0	102049.3	-5009.5
3173	8.8	100811.1	-5007.6	3263	9.5	101133.6	-5005.9	3353	9.8	101502.6	-5030.2	3443	9.7	102058.5	-5058.6
3174	9.4	100811.1	-5008.6	3264	8.8	101135.1	-5018.4	3354	9.8	101503.6	-5042.0	3444	9.8	102059.8	-5042.3
3175	8.6	100815.6	-5028.8	3265	9.8	101139.1	-5016.9	3355	9.2	101505.1	-5017.5	3445	10.0	102106.5	-5059.5
3176	9.5	100816.6	-5039.1	3266	9.8	101142.1	-5035.5	3356	9.1	101506.3	-5000.5	3446	9.4	102128.8	-5008.7
3177	9.8	100817.1	-5029.2	3267	9.3	101142.1	-5024.5	3357	9.8	101509.3	-5059.0	3447	9.8	102135.3	-5032.8
3178	9.8	100819.6	-5055.8	3268	8.2	101148.1	-5034.8	3358	8.5	101511.5	-5008.6	3448	8.2	102147.8	-5046.3
3179	9.5	100820.1	-5003.1	3269	9.8	101149.1	-5014.3	3359	9.8	101511.6	-5040.4	3449	9.8	102147.8	-5030.4
3180	9.8	100821.6	-5027.0	3270	9.8	101150.1	-5055.0	3360	9.6	101512.2	-5012.3	3450	9.2	102149.3	-5021.2
3181	9.8	100823.6	-5052.8	3271	9.8	101150.6	-5009.1	3361	9.8	101516.6	-5023.0	3451	10.0	102152.8	-5053.5
3182	9.5	100824.1	-5028.6	3272	9.2	101151.1	-5056.4	3362	10.0	101524.8	-5003.0	3452	9.6	102157.3	-5057.7
3183	9.8	100825.3	-5003.1	3273	9.6	101152.1	-5026.1	3363	10.0	101525.7	-5029.3	3453	9.0	102200.3	-5024.5
3184	8.4	100829.1	-5016.9	3274	9.8	101154.1	-5023.0	3364	10.0	101531.4	-5008.9	3454	10.0	102207.3	-5011.0
3185	8.7	100830.1	-5017.3	3275	9.8	101155.1	-5028.9	3365	8.2	101533.3	-5049.2	3455	9.8	102207.3	-5049.0
3186	6.5	100832.6	-5036.8	3276	8.8	101158.1	-5023.4	3366	8.8	101537.8	-5031.2	3456	10.0	102208.3	-5043.2
3187	9.8	100837.1	-5018.7	3277	9.8	101159.1	-5018.9	3367	10.0	101546.3	-5018.9	3457	10.0	102208.3	-5018.0
3188	9.4	100841.1	-5039.9	3278	9.3	101200.1	-5004.9	3368	10.0	101555.8	-5034.3	3458	8.7	102209.3	-5054.0
3189	9.3	100842.6	-5004.4	3279	9.1	101200.1	-5029.3	3369	9.8	101604.3	-5035.3	3459	8.8	102210.3	-5001.1
3190	9.7	100845.1	-5020.9	3280	9.8	101200.1	-5014.0	3370	8.9	101607.8	-5048.3	3460	9.4	102228.3	-5034.4
3191	9.4	100850.1	-5053.1	3281	9.8	101201.1	-5047.1	3371	10.0	101609.6	-5000.4	3461	9.8	102235.3	-5025.2

-50 3462 10h22m

3462 9.6 102236.0 -5059.9	3552 10.0 102926.2 -5028.8	3642 9.2 103646.7 -5006.1	3732 9.8 104447.4 -5006.0
3463 10.0 102239.3 -5007.0	3553 10.0 102940.2 -5026.4	3643 9.5 103648.2 -5005.2	3733 10.3 104457.5 -5037.6
3464 9.0 102239.5 -5057.2	3554 10.0 102943.2 -5050.1	3644 10.0 103657.7 -5043.1	3734 9.8 104510.5 -5021.1
3465 9.2 102243.6 -5059.4	3555 10.0 102952.7 -5023.1	3645 9.0 103659.2 -5054.4	3735 10.0 104511.5 -5044.3
3466 9.3 102248.3 -5038.2	3556 9.8 102955.4 -5000.4	3646 8.9 103705.2 -5028.2	3736 9.6 104514.4 -5005.9
3467 10.0 102255.8 -5036.6	3557 10.0 102955.7 -5024.1	3647 10.0 103717.2 -5017.1	3737 10.0 104516.9 -5043.1
3468 10.0 102256.8 -5059.2	3558 9.2 102959.2 -5056.3	3648 9.8 103717.7 -5029.6	3738 10.0 104518.2 -5050.7
3469 10.0 102258.3 -5048.9	3559 9.3 103005.7 -5009.3	3649 9.7 103719.7 -5020.8	3739 10.0 104518.7 -5014.0
3470 9.8 102309.3 -5057.1	3560 9.8 103009.2 -5010.3	3650 9.0 103724.2 -5004.8	3740 10.2 104518.9 -5053.2
3471 9.4 102313.8 -5037.2	3561 10.0 103010.2 -5012.8	3651 9.6 103726.7 -5044.0	3741 10.3 104522.9 -5035.5
3472 9.6 102315.3 -5030.9	3562 10.0 103015.6 -5059.3	3652 10.0 103729.2 -5025.6	3742 10.3 104530.2 -5018.4
3473 10.0 102317.3 -5019.5	3563 10.0 103018.2 -5038.0	3653 9.4 103739.2 -5033.6	3743 9.8 104539.7 -5037.0
3474 8.6 102328.5 -5043.1	3564 10.0 103020.4 -5001.2	3654 9.8 103742.7 -5048.9	3744 8.6 104539.7 -5045.8
3475 8.2 102329.5 -5026.0	3565 10.0 103025.2 -5050.0	3655 9.6 103745.7 -5033.6	3745 9.8 104600.7 -5008.6
3476 9.7 102339.0 -5031.7	3566 9.8 103027.2 -5006.5	3656 9.2 103749.5 -5002.2	3746 10.3 104607.7 -5035.0
3477 10.0 102349.8 -5010.7	3567 9.8 103039.2 -5011.6	3657 9.2 103757.2 -5046.1	3747 9.0 104610.7 -5031.0
3478 10.0 102351.0 -5026.7	3568 10.0 103041.7 -5037.1	3658 10.0 103758.7 -5027.3	3748 10.3 104612.7 -5040.4
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3483 9.7 102405.5 -5034.8	3573 10.0 103058.2 -5043.6	3663 10.0 103816.7 -5035.7	3753 9.3 104710.2 -5007.9
3484 9.8 102407.5 -5012.9	3574 10.0 103058.7 -5022.4	3664 8.8 103823.7 -5054.3	3754 9.5 104710.7 -5000.6
3485 10.0 102417.5 -5024.0	3575 10.0 103058.7 -5020.4	3665 9.4 103828.7 -5013.9	3755 10.2 104716.7 -5027.2
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3488 9.4 102429.5 -5036.4	3578 10.0 103112.7 -5014.3	3668 9.8 103847.2 -5021.5	3758 9.2 104738.7 -5048.4
3489 9.5 102438.5 -5043.0	3579 9.4 103119.7 -5045.6	3669 9.7 103854.7 -5041.3	3759 9.5 104746.4 -5002.7
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3544 9.7 102902.2 -5024.5	3634 9.4 103557.2 -5044.4	3724 10.2 104418.5 -5002.3	3814 9.5 105230.7 -5023.5
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3551 9.8 102921.2 -5052.1	3641 9.5 103629.2 -5006.9	3731 10.3 104443.4 -5048.1	3821 9.8 105307.2 -5005.7

-50 3821 10h53m

-50 3822 10h53m

-50 4181 11h16m

3822 10.0 105316.2 -5021.6	3912 10.0 105837.2 -5048.7	4002 10.0 110311.0 -5008.2	4092 10.0 111050.2 -5049.6
3823 9.8 105324.2 -5016.4	3913 10.3 105838.7 -5039.3	4003 9.8 110321.0 -5023.7	4093 9.6 111050.2 -5036.7
3824 9.8 105327.7 -5039.0	3914 10.3 105840.7 -5006.3	4004 9.3 110330.0 -5033.2	4094 10.3 111051.2 -5053.5
3825 10.3 105330.2 -5003.3	3915 9.8 105843.6 -5016.8	4005 9.8 110331.0 -5029.4	4095 10.0 111053.7 -5022.5
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3832 10.0 105406.7 -5044.7	3922 9.8 105903.6 -5013.9	4012 10.0 110408.5 -5048.4	4102 10.0 111110.2 -5007.3
3833 9.8 105409.5 -5002.4	3923 9.3 105906.1 -5029.6	4013 9.6 110424.0 -5054.8	4103 9.5 111111.2 -5003.3
3834 9.8 105410.7 -5001.9	3924 10.3 105906.1 -5050.2	4014 10.0 110426.5 -5046.2	4104 8.7 111116.7 -5025.1
3835 10.2 105415.2 -5039.4	3925 9.8 105907.2 -5000.7	4015 10.0 110429.0 -5032.6	4105 10.2 111119.2 -5049.2
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3837 10.0 105425.7 -5004.6	3927 10.0 105915.6 -5028.3	4017 10.0 110431.0 -5030.7	4107 9.6 111135.2 -5025.3
3838 8.9 105430.7 -5059.6	3928 9.8 105920.1 -5045.2	4018 9.8 110433.7 -5001.4	4108 10.0 111138.7 -5030.3
3839 10.2 105431.7 -5021.3	3929 10.3 105920.6 -5049.1	4019 9.0 110439.5 -5038.2	4109 9.8 111141.2 -5041.5
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3844 9.8 105450.2 -5049.4	3934 10.3 105937.1 -5042.4	4024 10.0 110453.0 -5019.3	4114 9.8 111208.7 -5024.5
3845 10.2 105450.2 -5026.7	3935 10.2 105949.1 -5009.6	4025 10.3 110453.0 -5025.6	4115 10.2 111216.2 -5057.1
3846 10.3 105450.2 -5011.7	3936 8.8 105949.6 -5035.7	4026 10.2 110500.0 -5056.0	4116 9.4 111216.7 -5012.5
3847 8.7 105508.1 -5058.5	3937 9.8 105954.6 -5042.6	4027 9.4 110514.3 -5026.3	4117 10.0 111219.7 -5023.9
3848 9.4 105508.7 -5003.0	3938 9.4 110001.1 -5001.0	4028 10.3 110514.8 -5025.9	4118 9.0 111223.7 -5002.4
3849 10.3 105509.7 -5000.3	3939 9.4 110002.1 -5051.7	4029 9.6 110521.8 -5015.2	4119 10.2 111227.7 -5047.0
3850 9.4 105510.7 -5006.1	3940 9.8 110003.1 -5030.1	4030 10.2 110522.3 -5025.3	4120 9.8 111232.2 -5026.5
3851 9.8 105520.7 -5053.3	3941 10.2 110007.6 -5036.0	4031 10.0 110523.3 -5007.4	4121 9.8 111240.2 -5006.5
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3857 9.8 105540.7 -5042.9	3947 9.1 110023.1 -5044.6	4037 9.8 110553.3 -5042.8	4127 10.2 111258.7 -5007.4
3858 10.3 105541.7 -5000.6	3948 9.1 110027.0 -5057.4	4038 9.8 110605.8 -5043.8	4128 10.2 111300.2 -5044.7
3859 9.8 105543.7 -5014.5	3949 10.3 110029.6 -5026.9	4039 10.3 110610.8 -5046.2	4129 10.0 111304.7 -5004.1
3860 9.8 105550.7 -5031.0	3950 9.4 110031.1 -5023.8	4040 10.0 110610.8 -5007.7	4130 8.8 111308.7 -5023.1
3861 10.3 105550.7 -5038.7	3951 7.9 110031.6 -5032.1	4041 10.2 110611.3 -5057.6	4131 9.3 111309.3 -5000.5
3862 10.2 105553.2 -5041.6	3952 9.8 110033.6 -5002.3	4042 9.6 110613.3 -5041.7	4132 10.2 111310.2 -5016.5
3863 10.2 105600.7 -5019.6	3953 10.0 110037.1 -5024.4	4043 9.8 110618.8 -5022.2	4133 10.0 111310.7 -5009.7
3864 10.0 105604.2 -5032.1	3954 10.0 110039.1 -5022.1	4044 10.0 110619.3 -5024.6	4134 9.2 111319.7 -5003.3
3865 9.2 105609.7 -5029.9	3955 10.3 110039.6 -5043.2	4045 9.9 110621.8 -5045.4	4135 10.2 111322.2 -5001.4
3866 9.8 105611.2 -5003.4	3956 8.5 110045.1 -5055.9	4046 9.6 110641.3 -5051.7	4136 10.3 111337.5 -5035.0
3867 10.2 105618.2 -5008.3	3957 10.0 110049.1 -5033.8	4047 9.6 110642.3 -5031.1	4137 9.8 111339.0 -5008.5
3868 9.8 105619.2 -5035.4	3958 10.3 110051.1 -5034.5	4048 10.3 110702.8 -5010.9	4138 10.0 111348.5 -5056.4
3869 9.8 105620.7 -5028.3	3959 7.9 110053.6 -5016.8	4049 9.4 110711.8 -5028.4	4139 9.8 111349.0 -5058.4
3870 10.0 105624.2 -5046.3	3960 10.3 110054.1 -5057.0	4050 10.3 110713.8 -5042.2	4140 10.3 111349.5 -5013.6
3871 9.2 105628.2 -5028.4	3961 10.2 110055.1 -5037.9	4051 9.8 110716.3 -5033.7	4141 9.8 111350.5 -5010.8
3872 10.0 105630.2 -5040.6	3962 9.8 110056.1 -5011.4	4052 9.4 110718.8 -5008.2	4142 10.2 111352.5 -5048.0
3873 10.2 105631.7 -5048.1	3963 10.3 110059.1 -5044.9	4053 10.3 110718.8 -5014.9	4143 9.8 111359.5 -5043.4
3874 10.0 105631.7 -5048.4	3964 10.3 110106.1 -5029.2	4054 10.2 110724.8 -5057.5	4144 9.0 111409.5 -5010.7
3875 10.2 105639.2 -5054.5	3965 10.3 110109.6 -5045.7	4055 10.0 110731.8 -5024.0	4145 10.0 111410.0 -5006.9
3876 10.2 105641.7 -5009.2	3966 10.2 110111.3 -5059.9	4056 10.2 110731.8 -5019.5	4146 8.4 111410.5 -5008.5
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3878 9.8 105650.7 -5024.0	3968 10.3 110116.6 -5037.5	4058 10.2 110732.3 -5029.1	4148 8.8 111419.4 -5049.0
3879 10.3 105657.7 -5005.3	3969 10.2 110118.6 -5046.1	4059 9.4 110738.8 -5034.7	4149 10.0 111432.0 -5034.4
3880 10.0 105659.7 -5018.2	3970 10.3 110119.1 -5003.0	4060 10.3 110739.8 -5018.3	4150 10.3 111433.5 -5041.5
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3882 9.8 105703.7 -5003.6	3972 10.3 110129.6 -5055.0	4062 9.8 110744.9 -5001.8	4152 10.0 111441.0 -5045.8
3883 9.6 105707.2 -5054.5	3973 10.3 110130.8 -5059.6	4063 10.2 110801.3 -5007.6	4153 9.2 111450.7 -5052.0
3884 10.3 105709.2 -5053.1	3974 10.0 110131.1 -5007.5	4064 10.3 110803.8 -5053.5	4154 10.2 111501.0 -5026.1
3885 10.0 105709.7 -5051.1	3975 9.8 110131.6 -5020.9	4065 10.2 110806.0 -5025.6	4155 10.2 111504.0 -5003.1
3886 9.8 105710.7 -5013.7	3976 10.3 110134.8 -5058.1	4066 10.0 110812.3 -5035.6	4156 10.2 111505.9 -5006.6
3887 10.3 105718.2 -5019.1	3977 9.8 110137.1 -5026.0	4067 9.2 110818.8 -5054.2	4157 9.8 111507.0 -5040.8
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3889 9.8 105731.7 -5053.0	3979 10.0 110139.1 -5021.4	4069 10.0 110825.7 -5019.4	4159 10.0 111511.0 -5004.6
3890 8.4 105740.7 -5019.0	3980 10.0 110149.1 -5059.6	4070 10.0 110834.7 -5005.9	4160 9.4 111520.0 -5020.9
3891 9.8 105748.0 -5001.8	3981 10.0 110149.6 -5000.3	4071 10.2 110844.7 -5008.5	4161 10.3 111530.0 -5037.5
3892 10.3 105750.7 -5010.2	3982 9.8 110158.6 -5014.2	4072 9.8 110850.2 -5044.7	4162 10.0 111530.0 -5007.9
3893 10.2 105757.7 -5054.1	3983 10.2 110202.6 -5021.7	4073 9.4 110852.7 -5051.9	4163 9.8 111531.3 -5035.9
3894 10.2 105759.2 -5057.9	3984 9.8 110209.6 -5053.2	4074 9.4 110854.7 -5023.7	4164 9.8 111531.8 -5022.9
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3896 9.5 105800.7 -5048.2	3986 9.8 110219.6 -5025.7	4076 10.0 110907.2 -5002.1	4166 9.7 111541.3 -5043.3
3897 9.8 105801.7 -5030.5	3987 9.8 110221.6 -5030.8	4077 10.2 110909.7 -5035.8	4167 9.4 111542.8 -5030.5
3898 10.2 105806.2 -5036.5	3988 9.2 110222.1 -5026.6	4078 10.0 110910.2 -5057.6	4168 9.8 111546.8 -5035.8
3899 10.2 105809.6 -5058.2	3989 9.5 110222.6 -5032.0	4079 9.3 110913.2 -5007.9	4169 9.3 111551.3 -5047.2
3900 10.2 105809.7 -5046.5	3990 9.6 110224.1 -5007.8	4080 9.6 110916.2 -5030.4	4170 9.7 111553.8 -5052.3
3901 10.0 105810.2 -5030.9	3991 10.2 110230.3 -5051.3	4081 10.3 110921.2 -5057.5	4171 9.6 111555.3 -5012.8
3902 9.5 105810.7 -5042.3	3992 10.0 110231.0 -5020.2	4082 10.2 110924.2 -5032.7	4172 9.9 111559.3 -5048.9
3903 7.7 105812.7 -5040.8	3993 10.3 110234.0 -5026.4	4083 10.0 110925.7 -5013.6	4173 9.6 111601.3 -5018.4
3904 9.4 105813.2 -5041.6	3994 9.2 110252.5 -5028.8	4084 8.0 110929.2 -5039.5	4174 9.9 111609.8 -5010.4
3905 10.0 105815.2 -5042.6	3995 10.0 110253.0 -5026.2	4085 9.4 110932.2 -5005.9	4175 9.7 111612.8 -5013.8
3906 9.4 105817.7 -5028.3	3996 10.3 110300.0 -5010.2	4086 10.0 110935.7 -5056.1	4176 9.8 111612.8 -5016.2
3907 9.2 105818.2 -5012.9	3997 10.0 110301.0 -5056.4	4087 9.6 110944.2 -5036.6	4177 9.4 111619.3 -5004.8
3908 8.4 105820.2 -5021.3	3998 9.8 110301.5 -5010.6	4088 9.8 110951.7 -5052.6	4178 9.4 111619.8 -5046.9
3909 9.3 105832.7 -5024.4	3999 10.0 110301.5 -5054.6	4089 10.3 110956.8 -5000.5	4179 8.7 111626.8 -5035.0
3910 10.3 105834.2 -5039.8	4000 10.0 110305.0 -5018.2	4090 9.8 111009.2 -5049.5	4180 9.9 111629.3 -5023.1
3911 9.8 105835.7 -5029.4	4001 10.0 110310.0 -5016.6	4091 10.0 111032.2 -5051.9	4181 9.9 111637.8 -5014.2

-50 4182 11h16m

4182	9.9	111645.8	-5047.8	4272	9.7	112409.8	-5055.7	4362	8.7	113059.6	-5013.9
4183	9.7	111650.8	-5053.0	4273	9.5	112409.8	-5022.9	4363	9.2	113104.1	-5041.3
4184	9.6	111653.8	-5006.3	4274	9.9	112415.3	-5027.6	4364	9.8	113113.1	-5017.9
4185	9.9	111700.8	-5051.0	4275	9.9	112415.8	-5031.0	4365	9.0	113115.1	-5041.0
4186	7.9	111706.7	-5006.1	4276	9.5	112422.3	-5045.7	4366	9.9	113119.6	-5006.9
4187	9.6	111710.3	-5019.5	4277	9.6	112423.1	-5035.9	4367	9.7	113121.1	-5008.8
4188	9.2	111710.8	-5010.3	4278	9.5	112434.1	-5028.7	4368	9.7	113128.6	-5024.5
4189	9.6	111710.8	-5042.5	4279	9.4	112440.1	-5034.4	4369	9.0	113132.1	-5048.1
4190	9.1	111715.3	-5013.9	4280	9.5	112446.6	-5015.3	4370	9.9	113136.5	-5027.5
4191	9.9	111718.3	-5004.0	4281	9.5	112448.6	-5020.7	4371	9.2	113138.1	-5036.4
4192	9.0	111721.3	-5030.9	4282	9.4	112457.1	-5021.8	4372	9.7	113147.6	-5016.2
4193	9.5	111724.3	-5051.4	4283	8.5	112458.1	-5015.1	4373	9.6	113150.6	-5025.1
4194	9.4	111724.3	-5003.1	4284	9.6	112502.6	-5012.3	4374	9.7	113152.1	-5004.3
4195	9.8	111724.3	-5059.7	4285	9.9	112509.6	-5006.4	4375	9.9	113153.1	-5021.3
4196	9.9	111728.3	-5031.7	4286	9.6	112510.1	-5034.6	4376	9.7	113158.1	-5054.5
4197	9.7	111731.8	-5009.3	4287	9.9	112515.6	-5050.3	4377	9.9	113200.6	-5029.0
4198	9.8	111748.3	-5055.9	4288	9.7	112518.6	-5050.9	4378	9.4	113201.6	-5037.1
4199	9.7	111750.0	-5058.9	4289	9.8	112520.1	-5044.9	4379	8.9	113210.1	-5052.9
4200	9.9	111750.3	-5052.0	4290	9.9	112523.1	-5032.9	4380	9.6	113228.6	-5051.1
4201	9.9	111757.3	-5057.6	4291	9.0	112532.6	-5009.7	4381	9.9	113230.5	-5045.6
4202	9.9	111759.8	-5039.1	4292	9.5	112536.1	-5024.5	4382	9.8	113231.5	-5002.0
4203	9.4	111800.3	-5037.4	4293	9.6	112541.1	-5017.9	4383	9.0	113231.6	-5034.3
4204	9.8	111802.8	-5046.4	4294	8.4	112549.6	-5057.9	4384	9.7	113231.6	-5025.4
4205	9.9	111803.8	-5038.8	4295	9.6	112554.1	-5005.1	4385	9.6	113232.6	-5047.7
4206	9.1	111819.8	-5039.5	4296	9.6	112600.6	-5019.5	4386	9.2	113233.1	-5031.2
4207	9.7	111822.3	-5024.0	4297	9.9	112600.6	-5004.8	4387	9.7	113240.6	-5047.4
4208	8.9	111824.8	-5029.6	4298	9.7	112602.8	-5002.0	4388	9.9	113244.1	-5027.1
4209	9.8	111825.3	-5040.3	4299	9.9	112609.6	-5008.7	4389	9.5	113257.6	-5033.4
4210	9.9	111826.8	-5033.1	4300	9.4	112609.6	-5000.6	4390	9.7	113258.6	-5046.9
4211	9.6	111829.3	-5011.2	4301	9.8	112610.1	-5004.1	4391	9.9	113259.6	-5039.4
4212	9.7	111835.3	-5004.2	4302	9.6	112610.6	-5014.3	4392	9.7	113301.6	-5017.5
4213	9.5	111835.8	-5032.3	4303	9.0	112625.6	-5014.5	4393	9.9	113303.1	-5003.8
4214	9.7	111839.3	-5012.7	4304	9.7	112628.8	-5001.9	4394	9.9	113310.1	-5053.0
4215	9.4	111844.3	-5033.9	4305	9.6	112636.6	-5046.1	4395	9.8	113310.1	-5035.2
4216	9.4	111851.8	-5022.0	4306	9.7	112637.6	-5042.9	4396	9.7	113310.5	-5017.5
4217	9.6	111857.8	-5044.2	4307	9.6	112640.1	-5050.1	4397	9.4	113315.1	-5019.0
4218	9.8	111859.8	-5019.7	4308	9.4	112640.6	-5046.3	4398	9.5	113315.6	-5055.0
4219	9.7	111901.3	-5000.4	4309	9.6	112640.6	-5021.9	4399	9.4	113317.1	-5019.0
4220	9.4	111904.3	-5055.7	4310	9.6	112645.6	-5025.4	4400	8.6	113320.1	-5043.9
4221	9.9	111908.3	-5032.7	4311	8.5	112654.6	-5015.1	4401	9.9	113320.1	-5004.1
4222	9.7	111927.3	-5049.1	4312	9.4	112701.6	-5025.3	4402	9.8	113320.6	-5021.3
4223	9.2	111934.8	-5055.8	4313	9.7	112702.6	-5026.1	4403	9.4	113329.1	-5049.2
4224	9.2	111942.3	-5011.4	4314	9.9	112706.6	-5035.9	4404	8.4	113331.3	-5059.7
4225	9.7	111942.3	-5059.4	4315	9.3	112707.6	-5003.1	4405	9.7	113338.1	-5042.7
4226	9.5	111950.8	-5042.6	4316	9.7	112707.6	-5052.9	4406	9.4	113340.1	-5051.2
4227	9.4	112020.3	-5040.4	4317	9.2	112718.6	-5015.7	4407	9.9	113358.1	-5028.2
4228	9.9	112023.3	-5046.1	4318	9.9	112719.1	-5050.7	4408	9.8	113400.1	-5001.5
4229	9.9	112026.3	-5055.6	4319	8.1	112720.6	-5040.3	4409	9.9	113411.1	-5014.8
4230	8.9	112031.0	-5057.2	4320	8.6	112720.6	-5013.3	4410	9.6	113413.1	-5013.7
4231	8.9	112048.3	-5028.3	4321	9.5	112726.1	-5006.9	4411	8.8	113421.7	-5048.7
4232	9.0	112057.0	-5001.3	4322	9.8	112735.6	-5028.9	4412	9.7	113424.2	-5009.3
4233	8.6	112059.8	-5001.6	4323	9.3	112738.6	-5009.3	4413	9.0	113424.7	-5050.1
4234	9.6	112101.8	-5020.8	4324	9.8	112750.6	-5013.0	4414	9.7	113425.7	-5049.4
4235	9.9	112101.8	-5012.7	4325	9.7	112800.1	-5003.2	4415	8.9	113428.7	-5017.2
4236	9.4	112110.3	-5005.4	4326	9.9	112803.1	-5025.5	4416	9.9	113428.7	-5028.2
4237	9.2	112111.3	-5025.1	4327	9.5	112812.1	-5036.9	4417	9.9	113430.7	-5030.2
4238	8.9	112111.8	-5038.1	4328	8.9	112812.6	-5031.5	4418	9.9	113433.7	-5028.0
4239	9.6	112125.3	-5051.3	4329	9.9	112813.1	-5042.7	4419	9.9	113434.7	-5030.2
4240	9.4	112130.3	-5029.0	4330	9.5	112822.1	-5055.4	4420	9.7	113442.7	-5046.0
4241	8.7	112130.3	-5025.2	4331	9.9	112822.3	-5059.2	4421	9.4	113458.1	-5001.7
4242	9.9	112132.8	-5055.7	4332	9.9	112829.5	-5001.9	4422	9.7	113517.7	-5010.0
4243	9.7	112147.8	-5015.0	4333	9.2	112830.6	-5043.1	4423	9.6	113518.7	-5004.7
4244	9.0	112149.3	-5008.6	4334	9.9	112838.6	-5019.8	4424	9.7	113521.2	-5009.3
4245	9.9	112200.3	-5014.6	4335	9.1	112840.6	-5043.9	4425	9.6	113522.2	-5020.8
4246	9.2	112208.3	-5055.8	4336	9.9	112848.1	-5036.2	4426	9.5	113527.7	-5046.5
4247	9.2	112209.3	-5054.8	4337	9.7	112858.6	-5023.9	4427	9.8	113528.7	-5011.0
4248	8.1	112209.8	-5009.9	4338	9.8	112859.1	-5022.8	4428	8.8	113536.2	-5005.4
4249	9.7	112219.3	-5025.2	4339	9.0	112900.1	-5014.3	4429	9.9	113538.5	-5022.9
4250	9.5	112221.7	-5059.4	4340	9.9	112905.1	-5016.4	4430	9.5	113539.2	-5031.9
4251	9.2	112229.8	-5038.6	4341	8.9	112920.1	-5008.2	4431	9.9	113547.7	-5000.7
4252	9.6	112231.6	-5056.5	4342	8.6	112928.6	-5036.1	4432	9.7	113550.7	-5032.2
4253	9.4	112232.8	-5055.0	4343	9.8	112934.1	-5025.9	4433	9.6	113554.2	-5040.4
4254	9.7	112236.3	-5021.0	4344	9.4	112935.6	-5050.2	4434	9.6	113602.7	-5011.1
4255	9.4	112244.3	-5006.9	4345	9.4	112938.6	-5043.1	4435	9.9	113606.2	-5016.6
4256	9.8	112248.3	-5018.1	4346	8.4	112938.8	-5002.0	4436	9.8	113606.7	-5044.0
4257	9.9	112249.3	-5025.0	4347	9.1	112945.6	-5034.4	4437	9.9	113607.2	-5020.5
4258	9.5	112254.3	-5037.7	4348	9.4	112945.6	-5036.0	4438	9.7	113614.7	-5052.3
4259	9.5	112255.3	-5024.6	4349	9.3	112947.6	-5027.5	4439	9.9	113616.7	-5035.3
4260	9.4	112259.5	-5057.4	4350	9.5	112948.6	-5054.0	4440	9.9	113625.2	-5014.1
4261	9.5	112315.8	-5022.0	4351	9.9	112950.6	-5012.0	4441	9.9	113629.3	-5018.9
4262	9.5	112320.3	-5039.5	4352	8.4	112959.6	-5003.2	4442	8.8	113629.7	-5054.2
4263	8.9	112327.8	-5037.9	4353	9.4	112959.6	-5025.4	4443	9.3	113630.7	-5003.8
4264	9.2	112331.8	-5005.7	4354	9.5	113010.1	-5031.9	4444	9.9	113631.7	-5034.0
4265	9.5	112331.8	-5041.8	4355	9.3	113030.1	-5014.6	4445	9.7	113633.2	-5007.7
4266	9.6	112349.8	-5054.4	4356	9.7	113030.1	-5011.2	4446	9.9	113635.2	-5009.2
4267	9.5	112350.8	-5019.5	4357	9.9	113034.1	-5059.8	4447	9.7	113640.2	-5056.6
4268	9.6	112351.8	-5052.8	4358	9.5	113048.1	-5050.5	4448	9.0	113645.7	-5039.2
4269	8.0	112358.3	-5058.7	4359	9.9	113048.6	-5014.9	4449	9.9	113651.2	-5019.6
4270	9.8	112359.8	-5026.9	4360	9.6	113055.6	-5027.1	4450	9.4	113658.2	-5044.4
4271	9.3	112405.3	-5037.8	4361	9.1	113057.1	-5034.2	4451	9.5	113659.7	-5044.1

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4452	9.4	113703.2	-5031.7	4472	9.4	113816.7	-5046.6	4492	9.7	113947.7	-5039.1
4453	9.5	113704.2	-5011.4	4473	9.6	113817.2	-5041.4	4493	9.2	113951.2	-5038.2
4454	9.1	113704.7	-5025.8	4474	9.7	113818.7	-5011.4	4494	9.9	113953.6	-5051.1
4455	9.9	113717.7	-5045.1	4475	9.6	113819.7	-5037.6	4495	9.3	114000.2	-5020.6
4456	9.1	113725.2	-5013.8	4476	9.6	113824.2	-5015.8	4496	9.9	114003.7	-5020.0
4457	9.7	113729.7	-5023.9	4477	9.0	113824.7	-5003.9	4497	9.9	114005.2	-5019.1
4458	9.6	113739.7	-5010.6	4478	9.6	113829.7	-5009.8	4498	9.4	114015.2	-5009.0
4459	9.7	113739.7	-5051.0	4479	9.5	113831.7	-5053.8	4499	9.2	114015.7	-5051.6
4460	9.6	113739.7	-5012.0	4480	9.0	113833.7	-5003.8	4500	9.6	114022.7	-5054.0
4461	9.7	113740.2	-5037.1	4481	9.8	113834.7	-5041.9	4501	9.6	114029.7	-5008.3
4462	9.3	113753.7	-5034.1	4482	9.4	113840.7	-5024.6	4502	9.9	114044.7	-5016.6
4463	9.5	113754.7	-5010.1	4483	8.1	113849.7	-5052.7	4503	9.4	114053.5	-5059.9
4464	9.8	113755.2	-5059.1	4484	9.8	113855.7	-5015.4	4504	9.6	114104.0	-5056.7
4465	9.5	113755.2	-5058.4	4485	9.9	113856.7	-5036.2	4505	9.3	114105.5	-5057.5
4466	9.9	113808.7	-5025.6	4486	9.9	113908.7	-5029.7	4506	9.8	114108.7	-5034.4
4467	9.5	113810.2	-5024.8	4487	9.9	113917.6	-5001.9	4507	8.8	114119.5	-5044.0
4468	9.7	113811.3	-5040.6	4488	9.9	113918.7	-5023.7	4508	9.9	114126.7	-5017.8
4469	9.9	113813.2	-5037.8	4489	9.8	113920.7	-5030.6	4509	9.9	114132.7	-5006.1
4470	9.7	113813.7	-5042.2	4490	9.9	113923.7	-5053.6	4510	9.8	114138.7	-5014.6
4471	9.7	113814.2	-5011.0	4491	9.9	113942.7	-5059.0	4511	9.7	114140.7	-5010.9
4472	9.4	113816.7	-5046.6	4492	9.7	113947.7	-5039.1	4512	9.9	114140.7	-5030.9
4473	9.6	113817.2	-5041.4	4493	9.2	113951.2	-5038.2	4513	9.4	114141.7	-5050.1
4474	9.7	113818.7	-5011.4	4494	9.9	113953.6	-5051.1	4514	9.9	114144.6	-5038.1
4475	9.6	113819.7	-5037.6	4495	9.3	114000.2	-5020.6	4515	9.9	114158.7	-5041.4
4476	9.6	113824.2	-5015.8	4496	9.9	114003.7	-5020.0	4516	9.6	114203.2	-5052.7
4477	9.0	113824.7	-5003.9	4497	9.9	114005.2	-5019.1	4517	9.5	114212.2	-5029.3
4478	9.6	113829.7	-5009.8	4498	9.4	114015.2	-5009.0	4518	9.6	114231.7	-5037.9
4479	9.5	113831.7	-5053.8	4499	9.2	114015.7	-5051.6	4519	9.9	114236.7	-5001.8
4480	9.0	113833.7	-5003.8	4500	9.6	114022.7	-5054.0	4520	9.8	114247.7	-5010.0
4481	9.8	113834.7	-5041.9	4501	9.6	114029.7	-5008.3	4521	8.0	114248.2	-5042.8
4482	9.4	113840.7	-5024.6	4502	9.9	114044.7	-5016.6	4522	9.8	114248.7	-5009.8
4483	8.1	113849.7	-5052.7	4503	9.4	114053.5	-5059.9	4523	9.9	114249.7	-5029.0
4484	9.8	113855.7	-5015.4	4504	9.6	114104.0	-5056.7	4524	9.9	114250.7	-5033.3
4485	9.9	113856.7	-5036.2	4505	9.3	114105.5	-5057.5	4525	9.8	114304.2	-5042.4
4486	9.9	113908.7	-5029.7	4506	9.8	114108.7	-5034.4	4526	9.9	114309.7	-5029.1
4487	9.9	113917.6	-5001.9	4507	8.8	114119.5	-5044.0	4527	9.1	114314.2	-5007.9
4488	9.9	113918.7	-5023.7	4508	9.9	114126.7	-5017.8	4528	9.9	114314.7	-5027.9
4489	9.8	113920.7	-5030.6	4509	9.9	114132.7	-5006.1	4529	9.9	114314.7	-5028.5
4490	9.9	113923.7	-5053.6	4510	9.8	114138.7	-5014.6	4530	9.0	114316.2	-5007.5
4491	9.9	113942.7	-5059.0	4511	9.7	114140.7	-5010.9	4531	9.3	114318.7	-5024.9
4492	9.7	113947.7	-5039.1	4512	9.9	114140.7	-5030.9	4532	8.6	114321.2	-5004.1
4493	9.2	113951.2	-5038.2	4513	9.4	114141.7	-5050.1	4533	9.6	114329.7	-5049.9
4494	9.9	113953.6	-5051.1	4514	9.9	114144.6	-5038.1	4534	8.0	114332.4	-5001.6
4495	9.3	114000.2	-5020.6	4515	9.9	114158.7	-5041.4	4535	8.3	114333.2	-5026.3
4496	9.9	114003.7	-5020.0	4516	9.6	114203.2	-5052.7	4536	9.9	114333.2	-5051.3
4497	9.9	114005.2	-5019.1	4517	9.5	114212.2	-5029.3	4537	9.7	114334.7	-5030.3
4498	9.4	114015.2	-5009.0	4518	9.6	114231.7	-5037.9	4538	9.9	114338.7	-5032.4
4499	9.2	114015.7	-5051.6	4519	9.9	114236.7	-5001.8	4539	9.7	114341.7	-5022.7
4500	9.6	114022.7	-5054.0	4520	9.8	114247.7	-5010.0	4540	9.9	114345.7	-5058.1
4501	9.6	114029.7	-5008.3	4521	8.0	114248.2	-5042.8	4541	9.9	114353.7	-5033.9

4542	8.8	114404.2	-5046.6	4632	10.0	114853.6	-5024.7	4722	9.0	115317.5	-5057.8
4543	9.8	114410.7	-5009.2	4633	10.0	114900.6	-5006.8	4723	9.5	115320.6	-5009.1
4544	9.2	114415.2	-5034.1	4634	9.7	114902.1	-5029.4	4724	9.8	115322.1	-5030.7
4545	8.8	114419.7	-5014.9	4635	10.0	114903.1	-5006.3	4725	9.7	115328.1	-5019.6
4546	9.6	114420.4	-5014.3	4636	10.1	114909.1	-5031.6	4726	9.7	115332.8	-5030.6
4547	8.9	114422.7	-5015.7	4637	10.1	114910.1	-5034.9	4727	10.0	115336.8	-5059.6
4548	9.9	114424.4	-5014.0	4638	8.9	114911.6	-5046.7	4728	10.0	115340.3	-5005.5
4549	9.7	114427.7	-5019.1	4639	10.0	114914.1	-5013.4	4729	9.7	115341.8	-5025.1
4550	9.7	114428.7	-5039.2	4640	10.0	114916.1	-5035.9	4730	8.9	115346.8	-5003.6
4551	9.4	114430.9	-5055.7	4641	10.0	114916.6	-5015.4	4731	10.1	115352.3	-5000.1
4552	9.9	114437.7	-5036.5	4642	8.9	114917.3	-5058.6	4732	10.0	115355.8	-5057.9
4553	10.1	114441.1	-5037.4	4643	9.8	114921.6	-5037.9	4733	10.0	115358.3	-5032.5
4554	10.0	114445.1	-5006.8	4644	9.7	114922.6	-5033.5	4734	10.1	115401.8	-5048.1
4555	9.1	114452.4	-5026.5	4645	10.1	114925.3	-5007.2	4735	9.8	115410.8	-5021.0
4556	10.1	114456.1	-5048.3	4646	10.1	114927.6	-5018.6	4736	9.6	115411.8	-5024.7
4557	9.4	114501.7	-5047.9	4647	9.9	114931.1	-5017.0	4737	9.6	115413.8	-5018.5
4558	10.1	114508.6	-5050.6	4648	9.6	114931.1	-5048.6	4738	9.8	115415.8	-5014.0
4559	9.1	114513.7	-5009.3	4649	9.7	114932.1	-5038.7	4739	9.2	115420.8	-5024.7
4560	9.6	114517.9	-5053.1	4650	9.6	114932.1	-5037.9	4740	9.8	115425.8	-5017.0
4561	10.1	114521.1	-5010.1	4651	9.2	114932.1	-5011.7	4741	9.9	115428.8	-5008.4
4562	8.9	114521.1	-5059.7	4652	9.2	114932.6	-5007.5	4742	10.1	115435.8	-5021.1
4563	9.6	114522.1	-5001.8	4653	8.8	114935.6	-5016.2	4743	9.9	115436.8	-5020.9
4564	9.5	114522.6	-5012.6	4654	9.8	114943.1	-5047.1	4744	10.1	115442.7	-5052.1
4565	10.0	114523.6	-5000.4	4655	10.1	114955.1	-5021.5	4745	10.0	115447.3	-5005.2
4566	7.9	114531.2	-5047.6	4656	9.8	115001.6	-5044.2	4746	10.0	115447.8	-5001.3
4567	9.4	114533.6	-5016.4	4657	10.1	115005.6	-5050.6	4747	10.1	115449.8	-5052.5
4568	9.5	114533.6	-5028.9	4658	9.4	115006.1	-5038.9	4748	10.1	115452.9	-5057.3
4569	9.4	114544.1	-5036.1	4659	9.6	115006.6	-5031.4	4749	9.9	115501.8	-5016.8
4570	9.4	114544.1	-5039.3	4660	9.8	115007.3	-5056.6	4750	9.6	115502.3	-5057.0
4571	9.9	114547.6	-5042.9	4661	9.1	115011.1	-5026.4	4751	10.1	115502.3	-5058.1
4572	9.8	114552.1	-5054.6	4662	8.8	115014.1	-5003.8	4752	9.6	115503.3	-5004.5
4573	9.8	114554.1	-5031.5	4663	9.6	115015.1	-5043.8	4753	9.6	115511.8	-5012.6
4574	10.0	114554.6	-5036.9	4664	9.0	115017.6	-5050.9	4754	10.1	115514.3	-5018.8
4575	9.9	114555.3	-5000.5	4665	9.6	115022.1	-5042.0	4755	10.1	115517.8	-5007.2
4576	8.9	114557.0	-5059.6	4666	10.0	115022.1	-5007.6	4756	9.4	115521.8	-5049.5
4577	9.8	114557.6	-5013.9	4667	9.3	115026.1	-5032.9	4757	9.9	115531.3	-5042.7
4578	9.0	114604.1	-5019.7	4668	9.8	115031.1	-5051.8	4758	9.1	115531.8	-5048.5
4579	7.9	114604.1	-5037.2	4669	10.0	115031.6	-5011.8	4759	10.0	115542.3	-5034.9
4580	10.0	114607.1	-5057.2	4670	9.6	115032.1	-5032.5	4760	10.0	115542.8	-5013.9
4581	9.6	114607.6	-5013.8	4671	10.1	115036.6	-5013.2	4761	10.0	115547.8	-5055.5
4582	10.0	114608.6	-5013.3	4672	8.5	115043.1	-5054.3	4762	9.6	115602.8	-5003.5
4583	9.3	114612.6	-5041.9	4673	10.0	115044.1	-5050.4	4763	10.1	115605.3	-5050.3
4584	9.3	114613.6	-5050.0	4674	10.1	115044.1	-5018.1	4764	9.8	115614.3	-5027.2
4585	10.0	114615.1	-5014.1	4675	9.6	115045.1	-5037.8	4765	9.6	115617.3	-5022.4
4586	10.0	114621.1	-5043.8	4676	10.1	115052.6	-5019.4	4766	10.1	115618.9	-5050.9
4587	9.9	114628.6	-5032.1	4677	9.6	115056.6	-5047.9	4767	10.0	115619.3	-5054.2
4588	10.0	114634.1	-5047.2	4678	9.8	115058.6	-5028.7	4768	9.6	115620.8	-5052.2
4589	10.0	114637.1	-5008.3	4679	9.8	115100.1	-5038.6	4769	9.9	115622.8	-5038.4
4590	8.4	114641.1	-5023.7	4680	9.4	115105.1	-5044.1	4770	10.0	115628.9	-5029.6
4591	10.0	114642.1	-5028.5	4681	9.6	115107.1	-5050.3	4771	9.6	115630.8	-5037.6
4592	8.9	114644.1	-5005.8	4682	10.0	115110.5	-5000.8	4772	9.6	115630.9	-5059.7
4593	9.2	114646.6	-5033.9	4683	9.5	115111.6	-5048.7	4773	9.6	115631.8	-5014.7
4594	9.8	114647.1	-5012.0	4684	9.6	115131.6	-5041.4	4774	9.7	115635.8	-5020.1
4595	9.8	114648.6	-5039.6	4685	9.7	115133.1	-5031.3	4775	9.8	115640.8	-5048.5
4596	10.1	114652.0	-5022.7	4686	10.0	115136.6	-5028.0	4776	10.1	115644.8	-5009.2
4597	10.1	114654.1	-5031.9	4687	10.1	115141.6	-5005.0	4777	9.4	115646.3	-5003.8
4598	9.4	114656.1	-5010.0	4688	9.6	115141.6	-5048.3	4778	10.0	115650.8	-5019.5
4599	9.2	114701.1	-5027.3	4689	9.7	115148.0	-5001.4	4779	10.0	115652.8	-5045.7
4600	9.8	114701.1	-5028.4	4690	9.6	115149.6	-5037.4	4780	10.1	115655.8	-5000.7
4601	8.7	114712.1	-5000.1	4691	10.1	115151.1	-5019.3	4781	10.0	115655.8	-5011.0
4602	9.2	114717.1	-5034.1	4692	9.9	115151.1	-5047.9	4782	10.0	115655.8	-5000.0
4603	10.0	114718.1	-5018.4	4693	9.6	115152.1	-5000.6	4783	9.4	115701.8	-5051.6
4604	9.8	114721.1	-5008.0	4694	9.2	115153.6	-5001.7	4784	9.0	115710.8	-5036.4
4605	10.0	114721.6	-5042.1	4695	9.6	115154.1	-5021.8	4785	9.8	115711.8	-5018.2
4606	10.0	114728.1	-5051.5	4696	9.7	115154.6	-5025.9	4786	9.8	115711.8	-5045.2
4607	10.1	114731.6	-5029.5	4697	8.2	115159.6	-5049.1	4787	9.7	115728.8	-5008.0
4608	9.8	114742.1	-5004.3	4698	9.8	115201.6	-5003.6	4788	8.7	115731.3	-5006.8
4609	9.6	114742.1	-5022.2	4699	9.9	115207.1	-5008.4	4789	10.0	115731.3	-5018.8
4610	9.6	114743.4	-5001.6	4700	9.7	115211.6	-5014.2	4790	9.7	115731.8	-5008.8
4611	10.0	114745.6	-5002.8	4701	10.0	115212.6	-5033.4	4791	10.0	115732.3	-5037.8
4612	8.8	114745.8	-5059.2	4702	9.9	115213.6	-5039.0	4792	9.3	115738.3	-5017.8
4613	10.0	114746.4	-5001.0	4703	10.0	115216.6	-5029.9	4793	9.8	115741.3	-5017.6
4614	9.9	114747.6	-5044.7	4704	9.6	115218.6	-5019.0	4794	9.9	115746.3	-5019.5
4615	10.0	114750.6	-5052.3	4705	9.8	115221.6	-5039.0	4795	10.1	115751.3	-5024.8
4616	10.0	114757.6	-5016.9	4706	9.9	115224.1	-5055.6	4796	7.0	115751.8	-5046.6
4617	9.6	114758.1	-5039.0	4707	9.6	115228.1	-5008.5	4797	10.0	115756.3	-5029.7
4618	9.6	114800.1	-5031.9	4708	10.1	115230.6	-5044.3	4798	10.0	115800.8	-5025.5
4619	10.0	114810.6	-5046.0	4709	9.1	115233.1	-5026.5	4799	9.7	115809.3	-5036.3
4620	9.8	114811.6	-5041.9	4710	9.7	115244.1	-5009.9	4800	8.4	115813.8	-5040.4
4621	10.1	114818.3	-5045.5	4711	9.9	115245.1	-5020.9	4801	10.0	115824.3	-5037.8
4622	10.1	114819.3	-5019.5	4712	10.1	115251.1	-5033.9	4802	8.1	115825.8	-5009.5
4623	10.1	114820.1	-5029.2	4713	10.1	115252.1	-5050.0	4803	9.6	115826.8	-5014.1
4624	9.9	114828.6	-5033.3	4714	9.6	115253.1	-5011.7	4804	9.6	115831.8	-5008.0
4625	10.0	114836.6	-5001.0	4715	9.4	115253.6	-5047.0	4805	9.7	115832.3	-5029.1
4626	9.8	114838.8	-5001.7	4716	9.2	115255.1	-5025.4	4806	9.8	115833.8	-5006.5
4627	10.1	114841.6	-5047.6	4717	9.8	115306.1	-5046.4	4807	8.3	115838.3	-5029.7
4628	9.8	114843.1	-5000.1	4718	10.0	115306.6	-5049.1	4808	10.0	115840.3	-5040.1
4629	10.1	114843.1	-5048.3	4719	8.4	115312.8	-5057.6	4809	10.1	115840.3	-5002.1
4630	10.1	114846.1	-5049.6	4720	9.6	115314.6	-5015.5	4810	9.5	115844.3	-5027.0
4631	10.0	114851.1	-5020.1	4721	9.6	115314.6	-5011.1	4811	10.0	115849.8	-5025.2
4812	9.6	115851.3	-5018.3
4813	9.8	115859.8	-5034.4
4814	10.0	115900.3	-5000.9
4815	9.6	115900.8	-5028.1
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4817	8.4	115901.4	-5058.2
4818	9.8	115903.8	-5011.7
4819	9.6	115911.8	-5019.2
4820	9.8	115912.3	-5008.0
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4823	10.0	115925.3	-5009.2
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4829	9.8	115945.8	-5041.2
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4843	9.2	120101.5	-5014.0
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-50 4902 12h03m

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-50 5261 12h25m

-50 5262 12h25m

-50 5621 12h51m

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5342 10.3 123045.1 -5019.4	5432 9.4 123716.3 -5000.3	5522 10.0 124433.8 -5045.9	5612 8.2 125113.5 -5050.0
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-50 5622 12h51m

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5624	9.0	125154.0	-5058.3
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5633	9.0	125302.0	-5027.0
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5662	10.2	125450.0	-5040.1
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5667	10.4	125508.8	-5059.3
5668	10.4	125512.5	-5014.9
5669	10.4	125520.0	-5001.3
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5701	9.8	125711.0	-5008.1
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5705	9.2	125719.5	-5050.2
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5725	10.4	125848.5	-5008.2
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5729	9.4	125904.0	-5055.6
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5732	8.5	125912.5	-5022.7
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5736	10.3	125924.0	-5021.6
5737	10.4	125929.3	-5007.7
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5742	10.2	125948.2	-5001.8
5743	10.4	125952.6	-5001.0
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5745	10.4	130014.5	-5057.5
5746	10.4	130023.8	-5006.2
5747	10.3	130023.8	-5043.4
5748	9.8	130028.3	-5034.7
5749	9.8	130030.8	-5031.3
5750	10.4	130040.3	-5050.1
5751	10.3	130042.8	-5013.1
5752	9.7	130043.1	-5001.8
5753	10.2	130059.3	-5028.9
5754	10.2	130059.8	-5010.7
5755	10.0	130103.8	-5044.5
5756	9.1	130104.3	-5006.6
5757	9.2	130109.5	-5059.8
5758	10.4	130119.3	-5040.9
5759	10.0	130119.8	-5029.4
5760	9.6	130124.8	-5013.2
5761	10.4	130125.8	-5007.0
5762	8.7	130127.3	-5038.5
5763	10.4	130129.8	-5006.1
5764	10.2	130140.8	-5009.3
5765	9.5	130143.3	-5013.8
5766	9.5	130155.3	-5005.2
5767	10.0	130155.8	-5011.1
5768	10.0	130159.8	-5007.6
5769	10.2	130200.3	-5003.0
5770	8.8	130212.8	-5014.5
5771	10.3	130213.3	-5016.1
5772	10.4	130227.3	-5006.3
5773	10.3	130237.3	-5054.7
5774	8.7	130249.8	-5018.8
5775	10.0	130250.8	-5000.5
5776	10.4	130250.8	-5038.9
5777	9.7	130258.3	-5049.6
5778	10.2	130259.3	-5001.8
5779	10.4	130305.3	-5013.2
5780	10.2	130308.3	-5021.6
5781	9.9	130308.8	-5038.1
5782	10.0	130313.8	-5000.5
5783	10.0	130321.8	-5011.2
5784	9.2	130327.3	-5027.8
5785	10.2	130327.3	-5046.7
5786	10.2	130327.3	-5042.6
5787	9.9	130327.8	-5042.1
5788	10.4	130339.8	-5051.2
5789	10.4	130345.8	-5039.9
5790	10.4	130402.3	-5027.1
5791	10.4	130404.8	-5049.0
5792	10.4	130410.3	-5059.3
5793	9.4	130418.0	-5059.8
5794	10.3	130420.8	-5037.2
5795	10.2	130427.3	-5024.0
5796	9.2	130434.8	-5010.3
5797	10.3	130437.8	-5013.2
5798	10.4	130439.8	-5002.7
5799	9.8	130439.8	-5026.3
5800	10.2	130450.1	-5032.9
5801	10.4	130450.6	-5035.3
5802	10.4	130451.6	-5024.1
5803	9.3	130455.6	-5011.2
5804	9.5	130507.6	-5049.1
5805	9.2	130518.6	-5008.8
5806	10.4	130530.9	-5058.3
5807	9.5	130533.6	-5015.8
5808	9.8	130540.6	-5031.7
5809	10.4	130541.6	-5020.8
5810	10.4	130547.6	-5035.8
5811	9.4	130548.1	-5009.7
5812	9.8	130557.6	-5055.6
5813	10.4	130557.6	-5047.0
5814	6.4	130559.6	-5002.1
5815	10.4	130601.1	-5032.0
5816	10.4	130609.6	-5003.9
5817	9.0	130610.1	-5038.8
5818	9.6	130611.1	-5038.1
5819	9.4	130613.6	-5027.3
5820	10.4	130633.1	-5015.9
5821	9.2	130635.1	-5022.1
5822	9.8	130639.6	-5055.4
5823	9.8	130640.6	-5046.0
5824	10.3	130640.6	-5019.1
5825	10.4	130642.2	-5059.3
5826	10.4	130648.6	-5044.0
5827	9.6	130655.1	-5026.3
5828	9.6	130658.6	-5014.1
5829	10.4	130700.6	-5039.3
5830	10.4	130707.6	-5005.3
5831	10.4	130708.6	-5025.2
5832	8.8	130708.6	-5053.8
5833	9.8	130709.6	-5013.2
5834	9.6	130709.6	-5023.8
5835	10.4	130711.6	-5050.4
5836	9.6	130712.1	-5042.6
5837	10.2	130714.1	-5035.0
5838	10.0	130714.6	-5009.7
5839	9.4	130716.1	-5040.9
5840	9.8	130724.7	-5059.5
5841	10.4	130736.1	-5001.8
5842	9.8	130740.1	-5053.0
5843	10.4	130743.6	-5047.8
5844	9.2	130748.1	-5051.2
5845	9.0	130749.6	-5018.2
5846	10.0	130758.1	-5029.0
5847	10.4	130804.6	-5017.4
5848	10.0	130808.1	-5011.8
5849	10.4	130809.6	-5022.2
5850	10.4	130824.6	-5037.7
5851	10.4	130829.6	-5026.1
5852	10.0	130831.6	-5006.5
5853	10.2	130833.1	-5017.6
5854	8.3	130837.6	-5014.1
5855	8.5	130839.1	-5008.8
5856	10.4	130840.1	-5047.0
5857	9.8	130840.1	-5010.0
5858	10.0	130847.6	-5037.3
5859	8.4	130848.1	-5017.5
5860	10.4	130850.6	-5047.5
5861	10.3	130852.1	-5053.9
5862	10.2	130853.6	-5013.9
5863	10.4	130859.1	-5020.5
5864	10.3	130901.8	-5002.8
5865	10.3	130903.1	-5018.0
5866	10.4	130906.6	-5053.8
5867	9.8	130907.1	-5049.7
5868	10.3	130909.1	-5046.2
5869	10.4	130909.1	-5024.1
5870	9.8	130921.1	-5054.3
5871	10.3	130921.6	-5034.8
5872	10.0	130922.6	-5003.8
5873	9.8	130923.6	-5038.5
5874	10.2	130927.6	-5029.2
5875	10.3	130929.1	-5017.7
5876	9.8	130934.6	-5051.2
5877	9.4	130939.6	-5006.2
5878	10.4	130941.1	-5049.6
5879	10.0	130944.1	-5036.0
5880	10.0	130944.6	-5039.0
5881	9.1	130949.6	-5041.6
5882	10.3	130952.1	-5037.3
5883	10.4	131000.6	-5015.2
5884	9.0	131004.1	-5008.8
5885	10.4	131005.4	-5058.6
5886	10.0	131008.6	-5023.1
5887	9.8	131016.6	-5028.0
5888	10.4	131019.6	-5007.3
5889	10.0	131024.6	-5025.9
5890	10.2	131024.6	-5026.6
5891	10.4	131024.6	-5030.9

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5892	9.8	131026.1	-5052.1
5893	9.8	131029.6	-5004.9
5894	10.4	131034.6	-5004.7
5895	9.9	131045.1	-5041.0
5896	9.8	131048.7	-5059.7
5897	9.4	131104.1	-5017.2
5898	7.4	131104.6	-5037.6
5899	9.4	131110.1	-5016.1
5900	9.0	131111.6	-5038.1
5901	10.0	131114.3	-5001.6
5902	8.8	131114.6	-5008.2
5903	10.4	131136.1	-5005.6
5904	10.4	131137.6	-5021.1
5905	10.4	131139.2	-5059.0
5906	9.6	131140.1	-5038.1
5907	9.8	131141.7	-5057.3
5908	10.4	131151.6	-5024.6
5909	10.2	131159.6	-5000.2
5910	8.8	131206.1	-5038.5
5911	9.8	131207.1	-5053.9
5912	10.4	131215.1	-5036.6
5913	9.6	131216.6	-5052.0
5914	10.4	131219.1	-5001.5
5915	10.2	131220.1	-5002.5
5916	10.0	131221.1	-5018.9
5917	8.8	131230.6	-5005.9
5918	9.0	131244.1	-5020.3
5919	9.8	131245.6	-5012.7
5920	10.3	131246.1	-5024.5
5921	9.8	131249.1	-5036.3
5922	10.4	131249.6	-5016.4
5923	9.5	131252.1	-5028.2
5924	8.9	131253.6	-5033.3
5925	9.0	131259.6	-5001.8
5926	10.3	131307.6	-5003.4
5927	9.4	131309.1	-5053.9
5928	10.4	131310.6	-5013.5
5929	10.4	131317.6	-5044.0
5930	10.4	131323.6	-5029.9
5931	9.4	131325.1	-5034.2
5932	10.0	131326.6	-5037.1
5933	10.3	131331.1	-5008.2
5934	9.0	131335.1	-5002.7
5935	10.4	131339.6	-5044.5
5936	10.2	131345.6	-5022.4
5937	10.4	131354.6	-5032.7
5938	10.4	131358.1	-5008.3
5939	10.4	131359.6	-5057.6
5940	10.0	131400.6	-5011.9
5941	10.4	131411.1	-5044.9
5942	9.5	131418.1	-5040.2
5943	10.4	131419.6	-5048.2
5944	10.2	131421.6	-5021.2
5945	10.4	131423.8	-5056.2
5946	9.6	131424.1	-5036.4
5947	7.7	131424.4	-5037.5
5948	10.0	131424.6	-5045.3
5949	9.6	131424.6	-5018.0
5950	10.4	131426.6	-5008.5
5951	9.5	131430.1	-5000.7
5952	10.2	131436.6	-5026.6
5953	10.4	131441.6	-5003.7
5954	10.0	131444.1	-5054.7
5955	10.4	131446.8	-5019.3
5956	10.4	131449.6	-5014.2
5957	9.2	131450.4	-5007.0
5958	10.2	131453.2	-5010.5
5959	10.4	131501.6	-5028.9
5960	10.3	131504.1	-5016.0
5961	10.2	131509.8	-5056.8
5962	9.2	131515.1	-5056.0
5963	10.4	131515.1	-5053.6
5964	9.2	131517.6	-5008.7
5965	10.4	131518.	-5017.0
5966	10.0	131522.1	-5056.0
5967	9.8	131525.1	-5009.7
5968	10.0	131527.1	-5022.6
5969	10.2	131537.1	-5029.6
5970	10.2	131537.6	-5018.4
5971	10.4	131541.6	-5046.3
5972	10.2	131546.6	-5037.9
5973	10.0	131549.8	-5028.2
5974	10.2	131550.3	-5025.0
5975	9.6	131551.3	-5037.0
5976	9.8	131552.5	-5052.2
5977	10.0	131553.8	-5010.8
5978	9.4	131559.6	-5058.9
5979	10.2	131602.3	-5047.0
5980	10.0	131611.8	-5006.0
5981	9.8	131611.8	-5015.8

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5982 9.8 131612.8 -5021.1	6072 10.0 132212.8 -5009.2	6162 10.0 132733.7 -5059.7	6252 9.6 133340.8 -5023.9
5983 9.8 131619.8 -5016.5	6073 10.2 132217.8 -5019.2	6163 10.2 132741.8 -5032.9	6253 10.2 133343.8 -5007.4
5984 10.2 131621.3 -5007.0	6074 10.2 132217.8 -5014.0	6164 9.6 132743.3 -5009.9	6254 9.1 133353.6 -5000.3
5985 8.8 131622.8 -5034.8	6075 9.8 132224.6 -5000.0	6165 9.8 132743.8 -5026.9	6255 9.0 133410.3 -5004.9
5986 10.2 131627.8 -5019.7	6076 9.0 132224.8 -5021.0	6166 10.2 132746.3 -5033.2	6256 9.6 133411.8 -5010.9
5987 9.4 131628.8 -5031.0	6077 10.2 132232.8 -5047.7	6167 9.6 132751.8 -5005.9	6257 10.2 133413.8 -5039.2
5988 9.0 131630.3 -5002.5	6078 9.0 132233.8 -5052.6	6168 9.8 132800.8 -5019.4	6258 10.2 133415.3 -5011.0
5989 9.2 131630.3 -5026.3	6079 9.4 132239.8 -5034.0	6169 9.8 132811.3 -5001.9	6259 9.6 133416.3 -5006.4
5990 10.0 131631.8 -5033.8	6080 9.1 132242.8 -5049.3	6170 9.6 132812.3 -5023.0	6260 9.8 133416.3 -5005.5
5991 9.1 131645.8 -5048.6	6081 10.0 132244.6 -5057.4	6171 9.4 132812.3 -5033.7	6261 10.2 133418.3 -5026.7
5992 9.6 131649.3 -5046.0	6082 8.6 132247.3 -5029.1	6172 10.2 132817.8 -5036.0	6262 10.0 133426.8 -5022.1
5993 9.8 131649.8 -5040.6	6083 10.2 132250.3 -5009.3	6173 9.8 132819.8 -5021.1	6263 9.6 133431.5 -5036.3
5994 10.2 131651.7 -5056.7	6084 10.2 132250.8 -5016.8	6174 9.8 132823.8 -5022.1	6264 9.8 133433.5 -5035.2
5995 10.2 131651.8 -5027.9	6085 9.4 132252.3 -5016.2	6175 9.4 132824.8 -5005.2	6265 10.0 133438.5 -5026.1
5996 10.2 131654.3 -5007.6	6086 9.4 132252.8 -5015.0	6176 10.0 132829.3 -5020.4	6266 10.2 133439.0 -5012.3
5997 7.7 131700.8 -5051.1	6087 10.0 132302.8 -5051.3	6177 8.8 132837.3 -5034.8	6267 8.8 133441.0 -5038.1
5998 10.2 131701.3 -5009.0	6088 10.2 132307.3 -5025.8	6178 9.6 132843.3 -5005.0	6268 10.2 133444.5 -5011.6
5999 10.0 131701.8 -5011.0	6089 10.0 132309.8 -5050.2	6179 10.0 132849.3 -5009.7	6269 10.0 133458.0 -5025.7
6000 9.0 131707.3 -5013.7	6090 10.2 132309.9 -5058.5	6180 8.6 132850.3 -5010.2	6270 9.6 133501.5 -5017.2
6001 9.0 131711.8 -5027.8	6091 9.4 132310.1 -5000.5	6181 10.0 132850.3 -5059.1	6271 7.4 133505.5 -5009.4
6002 10.0 131720.8 -5030.9	6092 9.8 132311.8 -5003.2	6182 10.0 132854.3 -5054.5	6272 10.2 133510.5 -5050.4
6003 9.2 131721.7 -5013.3	6093 10.0 132314.8 -5008.1	6183 9.6 132902.8 -5030.8	6273 9.0 133519.5 -5018.8
6004 9.6 131724.8 -5004.5	6094 9.8 132316.8 -5005.9	6184 10.2 132911.8 -5032.5	6274 9.4 133523.5 -5059.7
6005 9.8 131737.8 -5015.2	6095 9.8 132318.8 -5008.1	6185 10.2 132912.8 -5037.4	6275 9.8 133525.0 -5032.4
6006 9.8 131743.3 -5020.8	6096 9.8 132318.8 -5044.2	6186 10.2 132914.8 -5020.9	6276 9.8 133525.5 -5004.4
6007 8.8 131743.8 -5031.7	6097 10.0 132321.3 -5016.7	6187 10.2 132914.8 -5016.8	6277 9.0 133530.0 -5004.7
6008 9.8 131752.3 -5038.0	6098 10.2 132323.8 -5019.5	6188 9.6 132917.3 -5036.4	6278 10.0 133536.5 -5003.2
6009 8.5 131804.3 -5053.7	6099 10.2 132323.8 -5048.6	6189 9.0 132922.3 -5001.9	6279 10.2 133540.0 -5014.6
6010 9.6 131808.6 -5059.1	6100 8.4 132327.3 -5022.6	6190 10.0 132925.3 -5031.8	6280 8.0 133554.5 -5059.7
6011 9.6 131810.8 -5026.5	6101 9.0 132330.3 -5057.4	6191 8.8 132927.3 -5040.0	6281 9.0 133600.0 -5010.5
6012 9.3 131814.8 -5052.7	6102 9.8 132337.8 -5008.4	6192 10.2 132929.8 -5004.6	6282 9.8 133602.0 -5038.8
6013 9.6 131815.8 -5057.3	6103 9.4 132341.8 -5038.2	6193 9.1 132929.8 -5011.7	6283 10.0 133604.5 -5053.2
6014 9.6 131816.3 -5024.7	6104 9.4 132343.8 -5050.8	6194 9.8 132931.8 -5054.0	6284 10.2 133613.7 -5058.7
6015 7.7 131819.8 -5031.4	6105 9.8 132346.3 -5002.6	6195 10.2 132937.8 -5002.2	6285 9.6 133616.0 -5047.2
6016 7.4 131826.3 -5049.6	6106 9.0 132348.3 -5000.7	6196 10.0 132940.8 -5045.5	6286 9.6 133618.5 -5056.9
6017 9.4 131833.3 -5005.9	6107 9.8 132348.3 -5038.0	6197 9.4 132941.3 -5043.2	6287 7.0 133625.0 -5022.7
6018 9.8 131836.3 -5013.6	6108 8.8 132352.3 -5005.9	6198 8.6 132943.3 -5054.0	6288 10.0 133639.5 -5054.7
6019 9.8 131839.3 -5015.7	6109 9.3 132359.3 -5008.7	6199 9.0 132953.3 -5003.5	6289 10.2 133650.5 -5035.1
6020 10.2 131848.8 -5041.9	6110 10.0 132400.8 -5038.2	6200 10.0 132954.8 -5033.8	6290 9.0 133650.5 -5003.7
6021 9.8 131849.8 -5049.8	6111 10.2 132401.8 -5020.5	6201 9.0 132959.6 -5000.8	6291 10.2 133705.5 -5010.1
6022 9.6 131852.3 -5021.5	6112 9.0 132412.8 -5034.8	6202 9.0 133007.3 -5005.4	6292 9.8 133706.0 -5035.5
6023 10.2 131854.6 -5001.8	6113 9.4 132413.8 -5004.2	6203 9.4 133008.3 -5053.8	6293 9.6 133710.0 -5022.8
6024 9.6 131859.3 -5018.3	6114 10.0 132415.8 -5015.0	6204 9.6 133011.8 -5039.7	6294 10.0 133735.0 -5004.0
6025 10.2 131906.8 -5031.1	6115 9.8 132418.3 -5031.3	6205 10.2 133014.8 -5011.6	6295 10.2 133736.0 -5030.2
6026 10.2 131909.8 -5041.2	6116 9.6 132418.8 -5036.1	6206 10.2 133019.3 -5023.6	6296 9.6 133743.5 -5043.2
6027 9.6 131912.8 -5044.1	6117 10.0 132420.8 -5046.0	6207 9.8 133031.0 -5057.4	6297 9.8 133744.5 -5027.3
6028 10.0 131919.8 -5035.9	6118 10.2 132420.8 -5058.8	6208 8.8 133033.3 -5044.9	6298 10.0 133748.0 -5022.2
6029 10.2 131924.3 -5032.5	6119 9.8 132429.8 -5017.1	6209 10.2 133038.8 -5025.9	6299 9.3 133800.0 -5012.4
6030 10.2 131934.8 -5028.5	6120 9.8 132435.8 -5030.8	6210 7.9 133039.8 -5054.9	6300 9.4 133812.0 -5041.5
6031 9.6 131934.8 -5030.7	6121 9.0 132438.8 -5021.5	6211 10.2 133040.3 -5034.3	6301 8.8 133818.0 -5015.0
6032 10.2 131937.8 -5053.1	6122 10.2 132446.8 -5014.7	6212 9.8 133045.8 -5043.6	6302 10.2 133828.0 -5014.9
6033 10.0 131939.8 -5035.1	6123 9.6 132447.8 -5057.6	6213 10.2 133048.5 -5021.3	6303 20.0 133833.0 -5044.3
6034 9.3 131951.3 -5037.9	6124 9.6 132450.8 -5059.6	6214 10.0 133051.3 -5038.2	6304 9.8 133838.0 -5044.3
6035 10.2 131954.3 -5043.1	6125 10.0 132451.3 -5022.8	6215 8.3 133054.3 -5027.8	6305 10.2 133840.3 -5049.3
6036 9.6 132001.8 -5051.0	6126 9.8 132451.3 -5009.8	6216 10.0 133056.3 -5018.2	6306 6.6 133845.0 -5048.4
6037 10.2 132010.3 -5055.1	6127 10.0 132454.3 -5037.2	6217 10.0 133059.3 -5047.0	6307 10.2 133845.3 -5027.2
6038 10.2 132011.8 -5013.1	6128 10.2 132456.4 -5058.6	6218 10.2 133059.8 -5027.2	6308 10.2 133847.0 -5012.1
6039 9.1 132018.3 -5052.6	6129 10.0 132504.3 -5044.8	6219 10.2 133100.8 -5048.9	6309 9.6 133851.5 -5048.6
6040 9.6 132028.8 -5001.4	6130 8.8 132505.3 -5013.8	6220 10.0 133100.8 -5023.0	6310 10.2 133852.5 -5042.4
6041 10.0 132029.3 -5057.9	6131 9.8 132505.3 -5018.0	6221 10.0 133106.3 -5032.6	6311 9.3 133900.5 -5016.6
6042 10.2 132040.8 -5009.3	6132 10.2 132505.8 -5049.3	6222 9.6 133113.3 -5055.4	6312 10.0 133903.0 -5017.3
6043 10.2 132041.8 -5001.2	6133 10.0 132508.8 -5048.5	6223 10.2 133124.3 -5045.0	6313 9.6 133905.0 -5012.7
6044 8.4 132043.3 -5038.5	6134 10.0 132513.6 -5005.9	6224 8.8 133128.8 -5007.2	6314 9.8 133911.0 -5044.2
6045 10.2 132044.8 -5022.0	6135 10.2 132513.8 -5016.2	6225 10.0 133130.8 -5053.9	6315 9.6 133911.5 -5056.1
6046 10.2 132045.3 -5021.6	6136 10.2 132515.4 -5019.2	6226 10.2 133134.3 -5014.8	6316 10.2 133911.5 -5004.5
6047 9.6 132048.8 -5051.0	6137 9.4 132516.8 -5013.6	6227 10.0 133134.3 -5003.7	6317 9.8 133926.5 -5033.2
6048 10.2 132048.8 -5050.5	6138 10.0 132523.6 -5000.1	6228 9.2 133139.3 -5044.1	6318 9.6 133932.7 -5017.9
6049 9.6 132049.8 -5037.8	6139 10.2 132524.8 -5012.0	6229 10.2 133142.3 -5042.1	6319 10.2 133934.2 -5043.6
6050 9.0 132051.3 -5056.4	6140 9.6 132527.3 -5006.1	6230 10.2 133146.8 -5029.1	6320 10.2 133953.7 -5008.3
6051 9.4 132055.8 -5011.6	6141 10.2 132529.8 -5027.5	6231 9.8 133153.3 -5004.4	6321 9.6 134000.7 -5007.0
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6053 9.8 132108.8 -5052.8	6143 10.0 132539.8 -5043.5	6233 9.2 133200.8 -5044.7	6323 9.6 134015.2 -5035.4
6054 9.6 132110.8 -5014.2	6144 9.6 132541.8 -5012.8	6234 9.4 133206.3 -5001.6	6324 10.2 134018.2 -5032.6
6055 9.8 132111.8 -5021.4	6145 10.2 132549.3 -5055.9	6235 8.8 133213.3 -5032.2	6325 10.0 134020.2 -5025.2
6056 10.0 132112.8 -5027.1	6146 10.2 132608.8 -5019.1	6236 9.4 133217.8 -5031.9	6326 9.8 134020.2 -5006.6
6057 10.0 132117.3 -5030.2	6147 10.2 132618.3 -5021.4	6237 9.2 133227.3 -5003.8	6327 9.4 134021.2 -5003.5
6058 10.2 132118.3 -5036.8	6148 9.8 132619.8 -5017.3	6238 9.4 133231.8 -5021.1	6328 9.4 134030.2 -5021.8
6059 9.1 132120.8 -5043.0	6149 9.4 132629.8 -5007.4	6239 10.2 133234.8 -5014.4	6329 9.8 134030.7 -5007.9
6060 10.0 132125.8 -5024.0	6150 10.2 132637.3 -5052.1	6240 8.8 133240.3 -5003.4	6330 9.8 134036.2 -5021.8
6061 10.0 132129.8 -5013.3	6151 9.6 132650.8 -5026.8	6241 10.0 133244.8 -5052.7	6331 10.2 134040.2 -5045.0
6062 9.8 132131.3 -5035.2	6152 9.4 132652.3 -5051.6	6242 9.8 133245.8 -5024.8	6332 10.0 134040.2 -5021.9
6063 10.2 132131.3 -5055.6	6153 8.8 132654.8 -5049.6	6243 9.6 133249.3 -5013.2	6333 9.8 134044.7 -5043.6
6064 9.8 132140.8 -5041.6	6154 10.0 132701.3 -5033.2	6244 10.0 133251.3 -5047.3	6334 8.8 134046.7 -5006.2
6065 10.2 132143.3 -5002.3	6155 10.2 132707.3 -5024.3	6245 10.0 133253.8 -5032.5	6335 9.8 134048.7 -5024.6
6066 5.3 132145.8 -5030.9	6156 8.0 132708.3 -5009.0	6246 10.2 133300.3 -5044.5	6336 9.8 134052.2 -5044.6
6067 10.0 132146.8 -5039.5	6157 10.2 132709.8 -5001.0	6247 9.4 133330.8 -5045.1	6337 10.2 134055.1 -5019.3
6068 10.0 132154.3 -5039.9	6158 10.0 132713.3 -5009.8	6248 9.3 133330.8 -5027.3	6338 9.4 134102.6 -5001.9
6069 9.6 132154.8 -5034.7	6159 9.0 132717.3 -5002.1	6249 9.0 133338.8 -5008.0	6339 10.0 134105.2 -5019.4
6070 10.2 132200.8 -5051.6	6160 10.0 132717.8 -5048.3	6250 9.6 133338.8 -5033.0	6340 9.0 134111.7 -5004.8
6071 9.4 132204.3 -5020.6	6161 9.4 132728.8 -5032.8	6251 10.2 133339.3 -5052.7	6341 10.2 134116.7 -5012.9

-50 6341 13h41m

-50 6342 13h41m

6342	9.6	134118.7	-5057.2
6343	9.8	134120.7	-5032.6
6344	9.8	134128.1	-5000.1
6345	9.6	134130.7	-5003.8
6346	10.2	134133.2	-5008.2
6347	10.2	134141.2	-5053.5
6348	10.0	134141.2	-5004.8
6349	10.2	134151.7	-5046.6
6350	9.4	134153.7	-5028.4
6351	8.1	134200.2	-5023.8
6352	8.5	134201.2	-5059.9
6353	10.2	134209.1	-5043.6
6354	10.2	134209.7	-5009.6
6355	9.4	134210.2	-5053.0
6356	10.0	134212.7	-5013.4
6357	9.6	134214.9	-5002.7
6358	10.2	134217.7	-5059.4
6359	10.0	134221.1	-5021.6
6360	9.8	134224.1	-5049.2
6361	8.5	134228.1	-5008.9
6362	9.6	134229.1	-5009.6
6363	10.0	134230.6	-5003.0
6364	10.2	134241.6	-5032.5
6365	9.6	134253.3	-5000.2
6366	10.2	134259.6	-5031.6
6367	10.0	134301.1	-5006.9
6368	10.0	134301.6	-5053.8
6369	10.2	134304.6	-5014.6
6370	10.2	134309.1	-5037.6
6371	10.2	134312.1	-5019.5
6372	9.0	134321.1	-5026.7
6373	8.6	134336.1	-5056.0
6374	9.4	134348.6	-5032.2
6375	9.8	134350.1	-5051.6
6376	10.0	134352.1	-5054.8
6377	10.0	134355.6	-5000.2
6378	9.6	134409.6	-5056.0
6379	10.2	134409.6	-5006.2
6380	9.8	134411.6	-5020.6
6381	10.2	134412.1	-5020.1
6382	8.1	134432.1	-5035.4
6383	9.4	134434.4	-5007.6
6384	9.6	134437.1	-5053.6
6385	10.2	134440.1	-5030.0
6386	9.9	134441.4	-5035.4
6387	7.8	134445.8	-5018.0
6388	10.2	134446.1	-5027.6
6389	9.6	134447.3	-5000.0
6390	9.8	134448.8	-5032.4
6391	9.9	134448.8	-5048.0
6392	10.0	134453.8	-5039.2
6393	10.2	134458.8	-5005.6
6394	10.0	134458.8	-5014.4
6395	10.1	134505.6	-5046.1
6396	10.1	134506.1	-5050.1
6397	8.0	134512.8	-5032.8
6398	10.2	134517.6	-5008.3
6399	10.2	134523.4	-5045.3
6400	10.0	134540.4	-5047.9
6401	10.0	134541.0	-5021.6
6402	9.2	134542.5	-5012.3
6403	8.8	134545.0	-5049.6
6404	10.1	134552.2	-5059.0
6405	9.8	134557.9	-5037.0
6406	10.1	134603.4	-5012.8
6407	9.1	134605.9	-5051.3
6408	8.1	134613.4	-5037.4
6409	7.8	134613.4	-5047.0
6410	10.2	134613.9	-5036.5
6411	9.7	134615.4	-5041.6
6412	9.7	134619.9	-5042.8
6413	10.2	134623.4	-5026.4
6414	10.2	134623.9	-5041.6
6415	8.4	134629.4	-5054.4
6416	9.7	134637.4	-5009.6
6417	10.1	134640.4	-5036.8
6418	10.1	134641.4	-5027.0
6419	8.4	134642.6	-5004.2
6420	8.4	134644.2	-5004.4
6421	10.2	134644.4	-5040.6
6422	9.2	134700.4	-5054.1
6423	8.8	134703.4	-5008.0
6424	9.6	134705.4	-5050.2
6425	8.4	134712.9	-5007.8
6426	10.1	134715.4	-5043.2
6427	10.1	134723.4	-5058.5
6428	9.9	134735.4	-5049.5
6429	10.0	134735.4	-5024.0
6430	10.1	134737.9	-5011.2
6431	10.0	134744.0	-5027.7
6432	9.6	134744.4	-5044.3
6433	9.3	134745.0	-5047.2
6434	10.2	134746.5	-5007.9
6435	10.0	134753.0	-5052.5
6436	7.9	134754.0	-5002.8
6437	10.2	134754.0	-5018.0
6438	9.8	134756.0	-5005.8
6439	8.7	134802.5	-5058.8
6440	9.4	134805.0	-5030.3
6441	9.6	134811.5	-5053.9
6442	9.6	134813.0	-5053.8
6443	9.6	134818.0	-5053.0
6444	9.9	134821.0	-5002.9
6445	9.8	134823.0	-5022.8
6446	9.9	134825.5	-5030.0
6447	9.6	134826.0	-5013.6
6448	10.1	134827.0	-5009.8
6449	9.6	134833.0	-5044.9
6450	10.2	134835.0	-5006.1
6451	9.6	134841.0	-5012.2
6452	10.2	134842.0	-5015.1
6453	9.6	134842.0	-5020.4
6454	9.2	134847.0	-5058.0
6455	9.9	134848.5	-5011.5
6456	9.8	134902.5	-5022.5
6457	9.1	134904.0	-5017.0
6458	10.1	134918.0	-5051.9
6459	9.9	134925.0	-5025.4
6460	10.2	134932.0	-5000.0
6461	8.8	134935.0	-5033.6
6462	10.2	134940.0	-5025.3
6463	9.7	134944.0	-5024.1
6464	9.7	134945.0	-5037.4
6465	10.2	134948.5	-5042.0
6466	9.1	134948.5	-5005.5
6467	10.1	134953.0	-5025.9
6468	8.8	135004.0	-5011.4
6469	10.2	135006.5	-5052.5
6470	9.8	135007.8	-5001.7
6471	10.2	135008.0	-5031.3
6472	10.2	135011.5	-5059.2
6473	9.0	135015.5	-5032.7
6474	10.2	135028.5	-5010.5
6475	10.2	135036.0	-5010.8
6476	9.6	135040.3	-5058.2
6477	10.0	135041.5	-5007.5
6478	9.7	135041.5	-5008.0
6479	9.2	135051.3	-5058.2
6480	10.1	135105.5	-5029.1
6481	10.2	135106.5	-5021.8
6482	8.2	135108.5	-5020.7
6483	9.4	135113.0	-5027.3
6484	9.2	135116.0	-5029.9
6485	9.0	135126.0	-5034.9
6486	9.9	135128.0	-5016.9
6487	10.2	135128.5	-5010.0
6488	10.2	135133.0	-5004.2
6489	10.2	135137.5	-5004.0
6490	9.7	135139.5	-5019.2
6491	9.7	135141.5	-5019.2
6492	9.4	135141.5	-5008.8
6493	10.0	135142.0	-5048.8
6494	9.6	135146.5	-5019.4
6495	9.6	135146.5	-5009.7
6496	10.2	135148.0	-5035.5
6497	10.1	135152.5	-5050.6
6498	9.2	135154.5	-5021.9
6499	9.8	135157.5	-5012.2
6500	9.4	135157.5	-5016.8
6501	10.1	135200.0	-5043.4
6502	10.1	135201.0	-5020.5
6503	9.2	135206.5	-5014.6
6504	9.9	135207.0	-5008.7
6505	9.0	135210.0	-5036.2
6506	10.2	135212.2	-5001.8
6507	9.8	135212.2	-5003.1
6508	9.4	135214.2	-5009.0
6509	9.8	135215.7	-5011.9
6510	10.1	135217.4	-5026.0
6511	9.9	135221.2	-5008.2
6512	9.6	135222.7	-5019.7
6513	10.0	135234.7	-5015.1
6514	10.2	135256.2	-5020.1
6515	9.8	135303.2	-5045.5
6516	9.9	135311.7	-5003.1
6517	9.0	135313.2	-5034.9
6518	9.7	135314.2	-5014.3
6519	10.2	135317.7	-5004.3
6520	9.4	135318.2	-5024.5
6521	10.2	135322.2	-5015.9
6522	9.8	135327.2	-5040.5
6523	9.8	135332.2	-5021.2
6524	10.0	135332.7	-5016.3
6525	10.2	135338.2	-5015.7
6526	9.4	135342.0	-5001.4
6527	10.1	135357.7	-5033.7
6528	9.8	135358.7	-5035.3
6529	9.6	135411.2	-5047.7
6530	9.7	135413.7	-5040.8
6531	9.3	135416.2	-5050.7
6532	9.8	135420.2	-5039.0
6533	9.0	135425.7	-5045.5
6534	9.8	135432.2	-5016.8
6535	9.6	135433.2	-5042.7
6536	10.2	135437.7	-5045.5
6537	9.0	135440.2	-5003.3
6538	10.0	135441.2	-5043.6
6539	9.6	135441.2	-5006.3
6540	10.2	135441.8	-5037.0
6541	9.8	135442.0	-5002.0
6542	9.6	135443.8	-5026.1
6543	8.7	135446.8	-5036.8
6544	10.2	135448.8	-5048.1
6545	9.6	135450.8	-5031.4
6546	10.0	135452.8	-5020.4
6547	8.9	135453.8	-5026.8
6548	9.8	135454.8	-5047.0
6549	9.8	135458.3	-5049.8
6550	9.9	135458.3	-5002.1
6551	10.0	135501.8	-5019.1
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6553	9.9	135506.3	-5012.1
6554	9.4	135511.3	-5042.9
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6557	10.2	135528.3	-5035.2
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6560	10.2	135546.8	-5042.6
6561	9.0	135551.8	-5047.5
6562	10.0	135558.3	-5052.6
6563	10.2	135600.3	-5020.8
6564	10.2	135600.8	-5001.9
6565	10.2	135601.8	-5002.5
6566	9.8	135603.3	-5046.5
6567	9.6	135604.8	-5053.0
6568	9.0	135608.3	-5049.9
6569	10.2	135610.3	-5011.0
6570	10.1	135610.8	-5015.9
6571	8.8	135613.3	-5032.3
6572	10.1	135614.3	-5011.1
6573	10.0	135620.8	-5015.2
6574	9.7	135626.3	-5047.4
6575	9.6	135628.8	-5045.8
6576	9.6	135630.8	-5043.8
6577	9.6	135701.4	-5045.3
6578	10.2	135710.9	-5015.9
6579	10.2	135713.4	-5000.5
6580	10.2	135714.9	-5047.9
6581	9.7	135716.4	-5019.5
6582	9.8	135716.9	-5030.9
6583	10.0	135719.4	-5057.8
6584	10.1	135719.4	-5004.6
6585	10.1	135719.9	-5022.1
6586	9.7	135720.9	-5019.0
6587	10.2	135728.4	-5020.5
6588	9.8	135731.4	-5023.7
6589	10.2	135732.4	-5029.1
6590	10.0	135732.4	-5039.2
6591	8.7	135747.9	-5033.4
6592	10.1	135750.2	-5000.8
6593	9.9	135752.4	-5005.7
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6597	9.6	135818.4	-5026.5
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6601	9.7	135837.9	-5031.5
6602	9.9	135841.4	-5043.9
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6604	8.8	135846.4	-5041.9
6605	10.0	135853.4	-5035.9
6606	9.6	135901.4	-5002.0
6607	10.2	135905.4	-5034.5
6608	10.2	135910.9	-5025.7
6609	9.9	135911.0	-5002.8
6610	9.9	135920.0	-5015.4
6611	10.1	135920.5	-5042.0

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6612	10.2	135921.0	-5052.6
6613	10.2	135929.0	-5013.8
6614	10.1	135929.2	-5021.3
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6618	9.4	135934.0	-5003.8
6619	10.0	135937.0	-5059.8
6620	10.0	135937.0	-5053.7
6621	9.0	135940.0	-5009.6
6622	9.7	135943.0	-5033.5
6623	10.2	135950.0	-5021.1
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6625	9.4	135953.0	-5005.1
6626	9.1	135957.0	-5047.8
6627	9.8	135958.5	-5000.1
6628	9.0	140001.8	-5059.1
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6630	9.6	140008.5	-5023.4
6631	10.0	140010.0	-5043.1
6632	9.1	140013.5	-5029.7
6633	9.8	140017.0	-5050.0
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6635	9.8	140028.5	-5011.7
6636	9.7	140029.0	-5054.9
6637	10.1	140029.0	-5059.4
6638	9.6	140030.0	-5019.0
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6640	10.2	140035.5	-5009.1
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-50 7062 14h27m

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7125	10.2	143109.5	-5028.4
7126	10.3	143116.0	-5054.3
7127	10.2	143119.0	-5027.9
7128	9.9	143119.5	-5056.6
7129	10.2	143121.5	-5001.9
7130	9.8	143124.5	-5030.8
7131	8.8	143127.0	-5006.5
7132	10.2	143128.5	-5040.8
7133	10.3	143131.5	-5052.4
7134	10.2	143137.0	-5026.0
7135	10.2	143139.5	-5022.6
7136	10.2	143140.0	-5001.1
7137	10.2	143142.5	-5038.7
7138	10.3	143149.5	-5017.7
7139	9.2	143150.5	-5042.0
7140	9.6	143153.5	-5009.9
7141	9.8	143158.5	-5009.9
7142	8.8	143159.0	-5012.3
7143	10.0	143204.0	-5043.8
7144	10.2	143217.0	-5051.3
7145	10.0	143219.5	-5022.9
7146	10.0	143224.0	-5053.3
7147	10.0	143233.5	-5049.5
7148	10.3	143241.5	-5005.1
7149	10.0	143244.9	-5059.0
7150	10.2	143245.5	-5021.4
7151	9.8	143256.0	-5012.7
7152	10.3	143311.0	-5053.8
7153	10.3	143314.5	-5044.9
7154	10.2	143318.5	-5015.6
7155	10.3	143319.0	-5042.2
7156	10.0	143328.5	-5053.4
7157	9.6	143329.5	-5031.4
7158	10.3	143339.2	-5000.4
7159	10.2	143348.0	-5013.6
7160	9.1	143357.5	-5027.8
7161	9.5	143400.5	-5037.2
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7171	9.9	143437.5	-5005.4
7172	10.3	143438.5	-5024.9
7173	10.0	143439.0	-5037.0
7174	10.3	143439.5	-5040.4
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7178	10.0	143455.0	-5043.1
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7181	10.3	143503.5	-5023.4
7182	10.2	143504.0	-5053.7
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7184	10.0	143509.0	-5014.3
7185	8.8	143509.5	-5052.6
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7188	10.3	143519.5	-5018.0
7189	8.5	143520.5	-5036.6
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7192	9.6	143529.0	-5055.2
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7196	9.0	143541.5	-5038.0
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7198	9.6	143547.0	-5033.6
7199	10.0	143548.5	-5017.0
7200	10.3	143549.5	-5049.6
7201	9.6	143553.5	-5037.3
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7204	9.6	143601.5	-5029.8
7205	9.8	143609.5	-5019.8
7206	10.0	143611.5	-5038.3
7207	9.3	143617.5	-5006.3
7208	9.0	143623.3	-5037.6
7209	9.3	143625.3	-5035.8
7210	9.8	143625.9	-5002.4
7211	10.2	143627.3	-5011.0
7212	9.6	143632.3	-5051.5
7213	8.2	143641.3	-5047.0
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7215	9.2	143704.3	-5052.0
7216	10.3	143704.8	-5057.2
7217	9.6	143717.3	-5004.0
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7219	10.3	143724.8	-5041.7
7220	10.3	143741.3	-5039.3
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7224	9.6	143759.3	-5013.4
7225	9.6	143759.3	-5008.1
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7230	10.2	143815.3	-5056.8
7231	10.2	143816.8	-5014.8
7232	10.3	143818.3	-5006.0
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7234	8.9	143833.8	-5003.6
7235	9.2	143835.3	-5030.2
7236	10.2	143837.8	-5055.8
7237	10.0	143850.3	-5005.3
7238	9.9	143857.8	-5003.1
7239	9.8	143858.3	-5025.8
7240	9.6	143916.8	-5029.8
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7242	10.3	143921.1	-5050.6
7243	10.3	143921.5	-5057.8
7244	10.2	143923.1	-5008.0
7245	10.2	143924.6	-5034.7
7246	10.3	143925.6	-5026.6
7247	10.0	143930.6	-5026.3
7248	9.8	143932.6	-5005.2
7249	10.3	143938.1	-5011.0
7250	8.7	143948.1	-5014.2
7251	10.3	143949.1	-5056.1
7252	9.9	143949.1	-5037.2
7253	9.2	143951.1	-5013.2
7254	10.2	143958.6	-5037.0
7255	10.0	144002.1	-5035.6
7256	8.2	144004.6	-5051.6
7257	9.3	144007.1	-5015.2
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7261	10.0	144033.1	-5035.9
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7264	10.3	144044.1	-5058.0
7265	10.3	144047.1	-5057.4
7266	9.8	144053.1	-5035.0
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7291	10.2	144304.4	-5030.2
7292	9.3	144306.9	-5018.6
7293	10.0	144307.9	-5052.3
7294	10.3	144308.9	-5015.6
7295	10.3	144311.4	-5056.4
7296	9.3	144313.9	-5011.0
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7305	9.9	144400.9	-5006.0
7306	10.0	144402.9	-5052.1
7307	9.8	144403.4	-5013.6
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7309	8.6	144412.1	-5056.4
7310	10.3	144418.5	-5034.6
7311	10.3	144423.7	-5043.4
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7318	10.3	144440.2	-5043.5
7319	9.5	144440.7	-5039.9
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7322	10.4	144446.3	-5058.7
7323	9.0	144446.9	-5035.0
7324	9.1	144447.4	-5029.3
7325	10.6	144448.4	-5024.5
7326	10.4	144449.9	-5044.1
7327	9.2	144459.9	-5039.8
7328	10.6	144500.9	-5027.0
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7331	9.6	144518.3	-5058.1

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7333	10.0	144525.3	-5052.8
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7351	10.0	144621.4	-5004.9
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7357	10.3	144646.9	-5048.3
7358	10.0	144649.9	-5019.8
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7369	10.2	144739.1	-5024.4
7370	10.4	144739.6	-5048.9
7371	10.4	144745.6	-5034.0
7372	10.6	144745.6	-5019.7
7373	10.0	144747.1	-5021.5
7374	10.3	144747.6	-5022.5
7375	9.6	144749.1	-5045.2
7376	10.0	144750.6	-5023.6
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7381	10.1	144809.1	-5054.0
7382	10.0	144809.6	-5013.0
7383	10.6	144814.1	-5000.0
7384	10.6	144815.6	-5048.8
7385	7.6	144816.6	-5056.4
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7408	10.4	144925.2	-5029.2
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7411	10.4	144951.2	-5014.3
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7414	10.6	145010.7	-5041.3
7415	9.6	145011.7	-5024.8
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8059 9.3 151938.0 -5047.7
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8062 9.2 151944.5 -5008.2
8063 8.4 151948.0 -5043.1
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8071 9.4 152000.0 -5045.9

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8073 9.8 152008.5 -5023.0
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8087 8.0 152026.5 -5017.8
8088 9.8 152026.5 -5036.8
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8091 9.3 152032.5 -5038.6

8092 9.6 152033.0 -5050.0
8093 8.5 152035.5 -5048.8
8094 9.6 152035.5 -5027.4
8095 9.8 152036.0 -5045.3
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8102 10.0 152050.5 -5014.8
8103 9.2 152051.0 -5021.4
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8105 9.0 152055.3 -5001.9
8106 10.0 152055.3 -5000.8
8107 9.5 152056.0 -5051.7
8108 10.0 152056.5 -5050.4
8109 8.9 152058.0 -5005.2
8110 9.1 152059.0 -5021.5
8111 9.1 152059.0 -5043.5

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8118 9.8 152118.8 -5002.6
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8123 9.1 152124.0 -5021.3
8124 9.7 152127.0 -5037.6
8125 9.6 152130.0 -5021.6
8126 8.5 152131.0 -5053.9
8127 10.0 152132.5 -5023.1
8128 9.1 152135.0 -5009.4
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8131 9.8 152150.0 -5038.5

8132 10.0 152150.5 -5030.4
8133 9.6 152151.0 -5032.9
8134 9.8 152151.5 -5010.7
8135 8.1 152157.5 -5053.0
8136 10.0 152159.0 -5022.8
8137 9.9 152200.0 -5024.0
8138 9.8 152200.0 -5019.3
8139 8.5 152206.0 -5004.6
8140 9.4 152210.0 -5045.3
8141 9.8 152212.0 -5020.8

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8142	9.8	152212.0	-5007.1
8143	10.0	152219.0	-5050.5
8144	10.0	152220.0	-5049.4
8145	9.8	152223.5	-5042.5
8146	10.0	152228.5	-5039.5
8147	9.9	152229.0	-5039.7
8148	9.7	152230.7	-5033.8
8149	9.2	152233.0	-5026.9
8150	9.1	152234.0	-5014.0
8151	9.9	152234.5	-5050.9
8152	9.2	152236.0	-5004.6
8153	10.0	152237.0	-5056.1
8154	9.5	152240.0	-5042.9
8155	8.4	152251.0	-5030.7
8156	10.0	152258.0	-5024.2
8157	10.0	152259.0	-5024.8
8158	9.6	152302.0	-5006.8
8159	9.3	152303.5	-5030.9
8160	10.0	152309.0	-5054.3
8161	9.6	152309.0	-5035.2
8162	8.1	152311.5	-5026.5
8163	10.0	152312.0	-5020.5
8164	9.8	152317.0	-5059.1
8165	9.9	152318.0	-5028.9
8166	9.3	152318.5	-5008.5
8167	8.0	152320.0	-5013.7
8168	9.8	152322.0	-5055.9
8169	8.6	152323.0	-5038.8
8170	8.8	152326.5	-5053.1
8171	8.7	152328.0	-5031.9
8172	9.8	152330.0	-5026.9
8173	9.4	152333.5	-5039.1
8174	9.6	152336.5	-5040.2
8175	9.6	152340.0	-5014.9
8176	9.9	152340.0	-5058.8
8177	9.4	152342.5	-5049.1
8178	9.6	152343.0	-5024.2
8179	9.8	152345.0	-5005.3
8180	9.3	152354.5	-5040.7
8181	10.0	152405.0	-5052.5
8182	9.4	152405.5	-5018.2
8183	9.3	152408.0	-5039.2
8184	9.9	152409.0	-5048.9
8185	9.0	152412.5	-5055.9
8186	8.8	152418.0	-5009.3
8187	9.6	152419.0	-5008.7
8188	10.0	152421.0	-5058.4
8189	9.6	152421.0	-5054.3
8190	9.8	152421.0	-5046.8
8191	9.9	152427.5	-5051.9
8192	8.4	152428.0	-5036.1
8193	9.2	152429.5	-5057.7
8194	9.1	152429.5	-5032.3
8195	9.8	152430.5	-5052.8
8196	9.8	152431.5	-5038.9
8197	9.3	152435.5	-5029.7
8198	10.0	152439.0	-5045.9
8199	9.5	152439.5	-5010.0
8200	9.6	152439.5	-5015.9
8201	9.8	152441.1	-5001.8
8202	9.8	152442.5	-5009.1
8203	10.0	152442.5	-5019.3
8204	9.4	152443.5	-5045.8
8205	9.7	152448.0	-5058.7
8206	10.0	152450.5	-5015.9
8207	9.6	152451.5	-5045.4
8208	9.9	152451.5	-5035.1
8209	9.2	152451.5	-5025.0
8210	10.0	152455.5	-5039.1
8211	9.6	152501.5	-5021.8
8212	8.9	152503.0	-5026.2
8213	9.8	152503.5	-5041.0
8214	8.9	152503.5	-5048.9
8215	9.4	152510.5	-5050.7
8216	9.8	152512.5	-5021.5
8217	10.0	152513.0	-5021.7
8218	8.7	152514.5	-5026.0
8219	10.0	152516.0	-5004.1
8220	10.0	152519.5	-5044.4
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8222	8.4	152522.0	-5040.6
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8232	9.4	152545.5	-5018.7
8233	9.6	152546.5	-5010.9
8234	10.0	152552.5	-5031.5
8235	8.9	152553.5	-5001.3
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8242	9.8	152608.0	-5032.3
8243	9.2	152610.5	-5034.2
8244	9.6	152611.0	-5022.2
8245	10.0	152612.0	-5021.5
8246	9.5	152613.0	-5018.7
8247	10.0	152615.5	-5020.9
8248	9.4	152615.5	-5018.3
8249	10.0	152615.5	-5004.7
8250	10.0	152619.0	-5031.9
8251	9.7	152619.0	-5054.5
8252	10.0	152619.5	-5059.9
8253	10.0	152619.5	-5004.8
8254	9.5	152620.0	-5042.5
8255	10.0	152621.5	-5014.6
8256	9.8	152624.5	-5047.3
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8258	10.0	152628.0	-5057.3
8259	9.4	152632.5	-5019.9
8260	9.9	152639.5	-5056.9
8261	9.7	152640.5	-5049.5
8262	9.7	152640.5	-5036.5
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8268	9.9	152645.0	-5001.9
8269	9.8	152645.5	-5040.4
8270	9.7	152645.5	-5048.1
8271	9.3	152646.0	-5049.7
8272	9.9	152646.5	-5022.3
8273	9.9	152648.5	-5014.7
8274	9.8	152651.5	-5025.5
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8276	9.2	152652.5	-5049.9
8277	10.0	152652.5	-5013.4
8278	8.9	152653.5	-5029.2
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8280	9.0	152654.0	-5033.0
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8283	9.6	152701.5	-5039.5
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8287	9.6	152715.5	-5014.5
8288	10.0	152715.8	-5000.0
8289	10.0	152717.9	-5002.5
8290	9.8	152719.0	-5042.6
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8297	10.0	152732.0	-5044.5
8298	9.1	152739.0	-5022.1
8299	9.3	152739.0	-5033.5
8300	9.5	152739.0	-5046.1
8301	9.4	152740.0	-5036.8
8302	9.9	152748.0	-5010.5
8303	10.0	152750.5	-5058.7
8304	9.7	152755.0	-5011.8
8305	9.7	152759.5	-5003.5
8306	9.4	152800.0	-5020.8
8307	9.9	152800.5	-5009.3
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8310	9.8	152801.0	-5042.2
8311	9.8	152801.5	-5035.8
8312	9.5	152805.5	-5010.9
8313	8.6	152811.5	-5018.6
8314	10.0	152814.0	-5006.3
8315	8.6	152815.0	-5021.0
8316	10.0	152820.5	-5033.7
8317	9.9	152820.5	-5048.7
8318	9.4	152821.5	-5015.5
8319	9.9	152822.5	-5007.9
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-50 8501 15h34m

8322	9.4	152831.5	-5019.0
8323	10.0	152832.5	-5055.0
8324	9.4	152839.5	-5003.2
8325	9.4	152843.0	-5004.4
8326	10.0	152843.0	-5057.8
8327	9.8	152844.0	-5028.8
8328	9.2	152844.5	-5044.6
8329	9.7	152850.5	-5045.3
8330	9.7	152900.5	-5005.3
8331	9.5	152900.5	-5005.8
8332	9.8	152903.5	-5047.8
8333	9.8	152904.5	-5005.6
8334	9.8	152905.5	-5016.5
8335	9.2	152905.5	-5055.5
8336	10.0	152914.5	-5007.8
8337	9.6	152915.5	-5049.0
8338	9.8	152916.0	-5042.8
8339	9.5	152916.0	-5019.7
8340	10.0	152918.0	-5003.3
8341	9.3	152919.5	-5049.7
8342	9.8	152920.3	-5019.8
8343	9.4	152920.5	-5007.1
8344	9.9	152920.5	-5033.6
8345	9.4	152920.5	-5032.5
8346	10.0	152924.0	-5003.6
8347	8.8	152924.1	-5001.7
8348	9.8	152925.5	-5028.3
8349	10.0	152928.0	-5011.9
8350	9.6	152928.5	-5043.8
8351	9.6	152928.5	-5058.2
8352	10.0	152934.5	-5002.5
8353	9.7	152935.5	-5025.1
8354	10.0	152940.5	-5014.9
8355	9.9	152941.5	-5009.7
8356	9.3	152942.5	-5034.1
8357	10.0	152943.5	-5016.7
8358	9.0	152943.8	-5002.0
8359	10.0	152945.5	-5011.6
8360	10.0	152946.5	-5016.6
8361	8.8	152953.5	-5049.7
8362	9.9	152955.0	-5029.9
8363	9.9	152956.0	-5014.6
8364	9.8	152957.5	-5004.2
8365	9.8	152959.5	-5009.1
8366	9.2	153002.0	-5032.6
8367	9.9	153002.5	-5059.5
8368	9.4	153005.1	-5001.9
8369	9.8	153006.0	-5010.9
8370	10.0	153009.5	-5016.9
8371	9.7	153010.5	-5028.1
8372	10.0	153010.5	-5017.1
8373	10.0	153010.7	-5018.9
8374	9.7	153012.0	-5047.1
8375	9.8	153017.0	-5011.9
8376	9.8	153017.5	-5019.2
8377	9.3	153017.5	-5057.1
8378	8.5	153018.0	-5039.9
8379	10.0	153020.5	-5056.7
8380	9.8	153021.5	-5040.7
8381	10.0	153024.5	-5037.3
8382	9.8	153029.5	-5049.7
8383	10.0	153030.5	-5035.1
8384	9.5	153030.5	-5009.0
8385	9.4	153034.3	-5002.0
8386	8.6	153040.8	-5029.4
8387	9.4	153040.8	-5052.5
8388	8.5	153044.3	-5002.1
8389	10.0	153046.0	-5059.9
8390	9.7	153049.8	-5049.3
8391	9.9	153050.8	-5008.6
8392	10.0	153051.8	-5059.8
8393	10.0	153052.3	-5009.3
8394	10.0	153055.3	-5058.0
8395	9.7	153057.3	-5036.9
8396	8.8	153059.3	-5055.8
8397	10.0	153100.8	-5028.3
8398	9.4	153100.8	-5038.4
8399	9.8	153100.8	-5048.8
8400	8.4	153103.3	-5003.6
8401	10.0	153105.8	-5000.9
8402	9.6	153106.8	-5051.9
8403	9.5	153108.3	-5043.7
8404	9.2	153108.3	-5026.8
8405	9.9	153112.3	-5044.9
8406	10.0	153119.8	-5022.5
8407	10.0	153120.3	-5017.3
8408	8.9	153121.3	-5055.5
8409	9.0	153125.3	-5032.9
8410	9.9	153125.8	-5036.4
8411	9.7	153125.8	-5034.5
8412	9.5	153126.8	-5032.7
8413	9.4	153127.3	-5023.2
8414	10.0	153130.8	-5021.0
8415	10.0	153130.8	-5051.1
8416	9.0	153130.8	-5004.4
8417	10.0	153132.8	-5015.0
8418	9.8	153133.8	-5031.3
8419	9.5	153134.8	-5042.7
8420	9.8	153140.8	-5042.6
8421	9.2	153141.3	-5004.3
8422	10.0	153148.3	-5005.9
8423	10.0	153155.5	-5000.1
8424	9.4	153200.8	-5027.9
8425	9.9	153200.8	-5011.7
8426	9.8	153209.3	-5012.9
8427	9.8	153210.8	-5025.7
8428	9.8	153210.8	-5028.5
8429	9.4	153211.8	-5040.9
8430	9.8	153211.8	-5058.2
8431	8.4	153215.3	-5046.7
8432	9.2	153215.8	-5059.1
8433	9.9	153217.1	-5040.9
8434	9.8	153217.8	-5002.2
8435	9.9	153219.5	-5001.9
8436	9.4	153220.8	-5007.1
8437	9.0	153222.8	-5003.8
8438	10.0	153222.8	-5038.6
8439	10.0	153227.3	-5003.5
8440	10.0	153231.8	-5015.1
8441	9.3	153232.8	-5021.1
8442	9.4	153237.3	-5058.2
8443	10.0	153240.8	-5010.8
8444	10.0	153240.8	-5004.5
8445	10.0	153241.7	-5042.1
8446	9.7	153242.8	-5018.2
8447	9.6	153247.8	-5049.7
8448	9.6	153252.3	-5032.7
8449	10.0	153253.7	-5058.9
8450	10.0	153254.8	-5052.9
8451	9.0	153257.8	-5003.4
8452	9.8	153300.5	-5000.7
8453	9.3	153300.8	-5033.3
8454	9.8	153300.8	-5039.0
8455	9.4	153300.8	-5047.3
8456	9.9	153300.8	-5054.3
8457	9.8	153302.8	-5031.0
8458	9.4	153303.8	-5021.5
8459	9.9	153311.8	-5041.0
8460	9.3	153313.8	-5044.6
8461	10.0	153315.8	-5024.4
8462	10.0	153317.8	-5042.9
8463	8.8	153320.8	-5039.4
8464	9.8	153328.8	-5014.4
8465	9.8	153332.3	-5011.1
8466	10.0	153333.3	-5033.5
8467	9.8	153339.8	-5057.0
8468	10.0	153339.8	-5032.8
8469	8.4	153341.8	-5046.1
8470	9.9	153343.8	-5050.5
8471	7.8	153346.8	-5055.2
8472	9.7	153347.8	-5017.0
8473	9.2	153348.8	-5020.6
8474	9.9	153350.3	-5057.1
8475	9.8	153352.8	-5037.7
8476	9.4	153353.8	-5037.5
8477	9.7	153355.8	-5030.6
8478	10.0	153356.3	-5004.0
8479	9.5	153358.8	-5051.2
8480	9.8	153359.8	-5018.6
8481	9.4	153400.8	-5058.4
8482	9.4	153401.8	-5021.8
8483	7.7	153403.8	-5042.7
8484	10.0	153403.8	-5004.9
8485	8.6	153405.3	-5045.1
8486	9.4	153405.8	-5057.7
8487	9.8	153409.8	-5050.6
8488	10.0	153410.8	-5003.5
8489	10.0	153410.8	-5051.0
8490	10.0	153411.3	-5010.5
8491	8.6	153412.8	-5031.4
8492	9.6	153414.3	-5026.4
8493	9.2	153416.8	-5018.1
8494	9.0	153417.3	-5029.7
8495	8.5	153419.8	-5038.6
8496	9.7	153428.8	-5052.5
8497	8.9	153431.8	-5012.3
8498	9.6	153435.3	-5048.7
8499	9.8	153440.8	-5043.6
8500	9.8	153441.8	-5056.5
8501	9.8	153448.8	-5054.8

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8502	9.2	153449.7	-5011.0
8503	9.8	153451.3	-5022.5
8504	9.4	153451.3	-5009.6
8505	10.0	153452.8	-5004.8
8506	9.9	153455.8	-5032.0
8507	9.2	153457.8	-5038.8
8508	10.0	153458.3	-5009.6
8509	9.1	153502.8	-5049.3
8510	9.9	153516.8	-5035.8
8511	9.0	153519.5	-5000.1
8512	10.0	153523.5	-5058.8
8513	9.3	153529.5	-5058.7
8514	10.0	153530.4	-5011.4
8515	9.5	153530.8	-5023.5
8516	10.0	153532.4	-5022.0
8517	9.4	153533.4	-5006.3
8518	8.0	153533.4	-5040.6
8519	9.8	153537.4	-5059.2
8520	8.1	153538.4	-5037.2
8521	9.9	153540.4	-5047.5
8522	9.5	153542.4	-5058.2
8523	9.4	153542.4	-5043.2
8524	9.7	153547.9	-5031.4
8525	9.9	153547.9	-5048.0
8526	7.4	153549.4	-5023.2
8527	9.9	153549.4	-5055.2
8528	10.0	153549.4	-5048.3
8529	9.2	153555.9	-5003.3
8530	9.9	153556.9	-5007.0
8531	9.9	153559.4	-5028.1
8532	9.1	153601.9	-5031.4
8533	10.0	153604.9	-5015.1
8534	9.5	153611.4	-5050.8
8535	10.0	153612.4	-5040.0
8536	9.7	153613.9	-5035.0
8537	10.0	153615.3	-5040.0
8538	10.0	153615.9	-5045.8
8539	9.4	153624.9	-5014.5
8540	10.0	153633.4	-5049.1
8541	10.0	153635.9	-5006.9
8542	9.8	153637.4	-5036.9
8543	9.8	153638.4	-5053.7
8544	10.0	153638.9	-5054.3
8545	9.9	153640.4	-5004.6
8546	8.2	153641.4	-5008.4
8547	10.0	153643.4	-5032.1
8548	8.6	153649.4	-5025.9
8549	10.0	153650.9	-5029.5
8550	9.2	153655.4	-5004.7
8551	9.3	153655.4	-5052.2
8552	9.9	153655.4	-5029.0
8553	9.2	153700.4	-5054.0
8554	8.4	153702.4	-5030.7
8555	8.9	153703.4	-5019.7
8556	8.8	153704.4	-5020.2
8557	9.9	153707.9	-5050.2
8558	9.7	153709.4	-5056.2
8559	10.0	153710.4	-5004.7
8560	9.4	153718.9	-5044.6
8561	8.7	153719.4	-5042.6
8562	9.4	153719.4	-5016.2
8563	10.0	153720.4	-5012.7
8564	9.7	153723.4	-5036.1
8565	10.0	153729.0	-5059.8
8566	9.8	153730.4	-5012.9
8567	9.6	153730.4	-5058.8
8568	10.0	153730.9	-5043.5
8569	10.0	153731.4	-5041.2
8570	9.9	153735.4	-5038.7
8571	9.8	153738.9	-5034.0
8572	9.8	153740.4	-5047.5
8573	10.0	153742.4	-5016.0
8574	9.4	153744.9	-5044.6
8575	10.0	153745.2	-5027.6
8576	9.5	153746.4	-5023.9
8577	10.0	153748.9	-5016.2
8578	9.0	153750.4	-5026.9
8579	8.4	153751.4	-5043.7
8580	8.6	153751.4	-5035.4
8581	8.7	153751.4	-5021.1
8582	9.5	153751.4	-5007.5
8583	9.8	153752.4	-5002.8
8584	9.7	153752.9	-5015.7
8585	9.4	153752.9	-5034.5
8586	9.8	153753.2	-5044.6
8587	9.8	153753.9	-5006.6
8588	9.1	153754.4	-5024.1
8589	9.9	153801.9	-5044.6
8590	9.5	153801.9	-5015.6
8591	9.7	153802.3	-5007.8
8592	9.2	153803.9	-5036.2
8593	10.0	153805.9	-5039.8
8594	9.5	153806.9	-5046.7
8595	8.8	153811.9	-5028.2
8596	9.5	153812.4	-5041.8
8597	9.9	153815.4	-5058.7
8598	8.8	153815.9	-5041.7
8599	10.0	153816.4	-5017.3
8600	9.7	153818.4	-5045.4
8601	9.1	153818.9	-5023.9
8602	9.9	153820.9	-5040.9
8603	10.0	153821.4	-5031.1
8604	9.2	153822.4	-5048.8
8605	9.4	153825.4	-5045.3
8606	8.6	153828.5	-5001.9
8607	9.8	153828.9	-5028.9
8608	9.2	153831.9	-5014.9
8609	9.4	153834.4	-5029.5
8610	9.8	153834.4	-5059.0
8611	9.5	153835.5	-5001.9
8612	9.7	153841.4	-5036.2
8613	8.7	153843.4	-5016.5
8614	9.8	153844.4	-5057.6
8615	10.0	153844.4	-5019.4
8616	7.6	153855.1	-5011.9
8617	10.0	153858.1	-5030.2
8618	9.6	153858.1	-5025.9
8619	10.0	153903.1	-5053.5
8620	9.9	153905.1	-5027.3
8621	9.4	153905.1	-5025.8
8622	9.8	153906.1	-5014.3
8623	9.8	153907.6	-5057.8
8624	9.7	153908.1	-5032.7
8625	8.9	153911.1	-5011.4
8626	10.0	153921.1	-5019.1
8627	10.0	153930.1	-5019.1
8628	10.0	153935.3	-5059.5
8629	9.7	153941.6	-5033.1
8630	9.6	153948.1	-5017.5
8631	10.0	153951.1	-5008.7
8632	10.0	153953.1	-5026.1
8633	10.0	153955.1	-5014.7
8634	9.4	153955.1	-5051.3
8635	10.0	153958.6	-5050.6
8636	9.7	154001.6	-5007.4
8637	9.9	154006.1	-5024.3
8638	9.1	154006.6	-5041.3
8639	8.8	154013.1	-5014.3
8640	8.7	154017.1	-5028.6
8641	9.8	154018.3	-5000.1
8642	9.4	154019.8	-5001.5
8643	9.6	154026.1	-5025.7
8644	9.8	154030.1	-5004.0
8645	9.4	154034.6	-5036.4
8646	10.0	154038.1	-5059.2
8647	9.2	154038.8	-5000.5
8648	10.0	154039.6	-5048.0
8649	8.7	154045.1	-5021.0
8650	10.0	154046.6	-5051.3
8651	10.0	154047.1	-5032.8
8652	10.0	154049.1	-5045.7
8653	9.5	154050.1	-5034.9
8654	9.3	154051.1	-5017.3
8655	8.4	154053.6	-5009.1
8656	9.4	154056.1	-5044.2
8657	9.7	154056.6	-5041.7
8658	9.4	154104.1	-5025.9
8659	8.7	154106.1	-5022.1
8660	9.8	154107.8	-5001.7
8661	10.0	154110.1	-5002.4
8662	10.0	154113.6	-5012.6
8663	10.0	154113.6	-5020.3
8664	9.9	154115.1	-5010.0
8665	9.9	154115.6	-5002.6
8666	9.2	154118.1	-5029.5
8667	9.4	154120.1	-5013.8
8668	9.4	154120.1	-5032.0
8669	9.8	154122.1	-5042.0
8670	9.6	154123.1	-5031.4
8671	10.0	154126.1	-5018.8
8672	9.5	154128.6	-5003.1
8673	10.0	154129.1	-5009.5
8674	10.0	154132.1	-5012.4
8675	9.0	154132.1	-5007.5
8676	9.8	154137.1	-5012.7
8677	10.0	154140.1	-5006.3
8678	9.1	154142.1	-5008.6
8679	9.6	154145.1	-5057.3
8680	9.9	154145.1	-5040.3
8681	9.2	154150.1	-5021.6
8682	9.6	154150.1	-5018.1
8683	9.9	154151.1	-5041.1
8684	9.9	154152.1	-5032.0
8685	9.3	154152.1	-5006.1
8686	9.4	154152.1	-5000.7
8687	8.5	154152.6	-5022.4
8688	9.9	154158.1	-5045.1
8689	9.6	154158.1	-5054.6
8690	9.5	154158.6	-5048.2
8691	9.4	154158.6	-5050.5
8692	10.0	154200.1	-5035.0
8693	10.0	154200.1	-5041.3
8694	9.8	154200.6	-5021.7
8695	9.8	154205.1	-5002.3
8696	10.0	154205.6	-5024.0
8697	9.8	154206.6	-5056.9
8698	9.6	154207.1	-5040.7
8699	9.8	154210.1	-5051.1
8700	9.0	154211.6	-5055.6
8701	9.8	154212.1	-5046.3
8702	9.7	154213.1	-5053.2
8703	9.7	154221.1	-5024.4
8704	9.6	154230.1	-5036.3
8705	9.6	154230.1	-5031.3
8706	9.4	154231.1	-5034.8
8707	9.5	154234.6	-5057.0
8708	9.6	154235.1	-5027.4
8709	9.2	154236.1	-5016.7
8710	9.8	154248.1	-5015.0
8711	9.8	154248.1	-5013.6
8712	9.4	154249.1	-5005.0
8713	7.6	154250.1	-5045.5
8714	9.4	154300.1	-5034.1
8715	9.7	154300.1	-5012.6
8716	9.5	154300.1	-5057.7
8717	10.0	154303.3	-5058.8
8718	9.4	154305.1	-5058.9
8719	9.6	154306.6	-5008.4
8720	10.0	154316.1	-5014.3
8721	9.1	154320.1	-5023.0
8722	9.2	154321.1	-5005.4
8723	8.1	154330.1	-5056.5
8724	9.8	154330.1	-5036.5
8725	8.5	154335.1	-5029.5
8726	10.0	154335.6	-5022.6
8727	9.8	154337.9	-5000.9
8728	7.6	154338.1	-5014.1
8729	9.1	154338.6	-5043.7
8730	10.0	154340.6	-5002.7
8731	10.0	154343.0	-5044.0
8732	10.0	154347.6	-5051.6
8733	9.6	154355.1	-5034.2
8734	9.6	154358.1	-5033.1
8735	10.0	154402.6	-5058.7
8736	9.6	154405.1	-5025.5
8737	9.7	154409.1	-5016.3
8738	10.0	154415.1	-5024.0
8739	10.0	154416.1	-5011.3
8740	10.0	154424.4	-5034.8
8741	9.5	154426.1	-5017.3
8742	9.9	154427.6	-5053.3
8743	10.0	154427.9	-5031.0
8744	9.9	154432.9	-5055.2
8745	9.4	154433.2	-5011.4
8746	9.4	154436.9	-5021.4
8747	10.0	154439.1	-5047.0
8748	9.6	154440.6	-5023.1
8749	10.0	154442.9	-5025.8
8750	9.6	154444.6	-5024.1
8751	10.1	154449.2	-5029.9
8752	10.1	154449.9	-5038.2
8753	10.1	154451.7	-5017.2
8754	8.2	154452.9	-5052.3
8755	9.4	154453.4	-5031.1
8756	7.8	154455.2	-5006.9
8757	9.4	154456.1	-5042.6
8758	9.5	154456.6	-5043.2
8759	10.1	154502.4	-5051.7
8760	10.1	154508.9	-5030.7
8761	10.1	154508.9	-5028.2
8762	9.9	154509.4	-5024.8
8763	10.0	154509.6	-5025.1
8764	7.4	154513.2	-5051.7
8765	10.1	154519.1	-5023.5
8766	10.1	154520.4	-5007.8
8767	8.3	154521.4	-5035.3
8768	9.9	154521.7	-5011.7
8769	9.5	154527.2	-5033.3
8770	9.7	154529.7	-5042.7
8771	9.7	154529.7	-5042.9

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8772	8.8	154530.2	-5043.3
8773	10.1	154530.2	-5010.1
8774	9.7	154530.7	-5018.4
8775	9.7	154533.2	-5056.8
8776	10.1	154535.7	-5033.5
8777	10.1	154535.7	-5020.1
8778	9.9	154541.2	-5023.0
8779	10.1	154545.2	-5052.6
8780	9.7	154550.7	-5011.8
8781	9.9	154551.7	-5016.9
8782	10.1	154609.2	-5022.7
8783	9.9	154610.2	-5015.3
8784	10.1	154617.2	-5042.1
8785	9.1	154620.7	-5027.1
8786	10.1	154620.7	-5033.2
8787	9.1	154625.7	-5047.1
8788	7.8	154625.7	-5045.3
8789	9.9	154632.7	-5032.3
8790	9.5	154637.7	-5035.2
8791	8.0	154638.7	-5010.4
8792	9.8	154639.7	-5004.4
8793	9.1	154642.2	-5031.1
8794	9.7	154657.7	-5008.7
8795	10.1	154704.7	-5025.0
8796	9.9	154707.2	-5019.6
8797	10.1	154708.2	-5020.9
8798	10.1	154709.7	-5036.1
8799	9.5	154715.7	-5047.6
8800	8.9	154718.7	-5047.1
8801	9.7	154725.7	-5007.0
8802	9.2	154728.7	-5005.9
8803	9.3	154730.7	-5021.8
8804	10.1	154732.7	-5041.1
8805	9.7	154734.7	-5055.4
8806	9.9	154737.7	-5021.0
8807	10.1	154737.7	-5001.3
8808	9.7	154742.8	-5016.9
8809	10.1	154745.8	-5017.0
8810	10.1	154749.2	-5023.7
8811	8.4	154749.7	-5009.5
8812	9.3	154758.7	-5047.2
8813	10.1	154804.2	-5013.4
8814	9.7	154805.2	-5008.8
8815	8.9	154810.7	-5040.2
8816	9.9	154811.7	-5026.1
8817	9.7	154813.7	-5004.8
8818	9.9	154827.2	-5035.7
8819	10.1	154828.7	-5037.9
8820	9.6	154831.7	-5028.0
8821	10.1	154836.2	-5038.9
8822	9.7	154844.7	-5053.5
8823	9.6	154848.2	-5049.1
8824	8.0	154851.2	-5018.6
8825	9.7	154856.7	-5046.0
8826	10.1	154858.7	-5036.9
8827	9.9	154858.7	-5012.0
8828	8.9	154901.7	-5040.5
8829	9.6	154911.5	-5001.4
8830	10.1	154914.7	-5034.4
8831	9.6	154916.2	-5028.9
8832	9.9	154918.7	-5006.1
8833	10.1	154930.2	-5000.9
8834	9.1	154932.7	-5031.8
8835	10.1	154932.7	-5042.5
8836	9.5	154933.2	-5053.7
8837	9.9	154935.7	-5026.8
8838	8.8	154941.2	-5055.1
8839	9.3	154941.7	-5059.1
8840	9.7	154944.2	-5037.5
8841	9.6	154949.7	-5006.1
8842	10.1	154950.7	-5053.3
8843	9.1	154953.2	-5003.6
8844	10.1	154955.7	-5033.3
8845	10.1	155000.7	-5006.1
8846	8.8	155003.7	-5009.3
8847	9.8	155006.2	-5018.2
8848	9.7	155008.7	-5017.6
8849	9.7	155008.7	-5022.0
8850	9.2	155010.7	-5036.8
8851	9.7	155012.1	-5057.8
8852	9.2	155012.6	-5059.3
8853	9.1	155018.7	-5018.6
8854	9.1	155021.7	-5004.5
8855	9.7	155026.7	-5004.1
8856	8.9	155029.7	-5044.4
8857	9.8	155030.7	-5047.5
8858	9.5	155030.7	-5018.0
8859	9.5	155031.7	-5007.8
8860	9.8	155035.7	-5002.1
8861	9.7	155042.2	-5034.1

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-50 9221 16h09m

8862 10.1 155045.7 -5007.1	8952 9.4 155730.3 -5026.2	9042 9.7 160339.3 -5035.3	9132 10.0 160659.8 -5002.9
8863 9.7 155046.7 -5005.1	8953 9.4 155730.3 -5014.5	9043 9.7 160341.3 -5038.3	9133 9.5 160700.3 -5007.4
8864 9.7 155050.2 -5001.2	8954 9.8 155734.3 -5037.3	9044 8.9 160346.3 -5025.6	9134 9.3 160701.3 -5038.9
8865 10.1 155055.7 -5012.2	8955 9.7 155735.3 -5036.9	9045 9.9 160347.8 -5053.5	9135 10.1 160704.3 -5018.9
8866 8.8 155104.2 -5030.2	8956 9.7 155735.8 -5048.8	9046 9.8 160352.4 -5045.2	9136 9.8 160704.8 -5029.9
8867 7.7 155105.7 -5045.6	8957 9.5 155735.8 -5046.7	9047 10.1 160352.8 -5004.6	9137 9.8 160705.3 -5024.3
8868 9.9 155122.7 -5054.5	8958 10.1 155750.3 -5052.7	9048 8.4 160354.8 -5036.5	9138 10.1 160709.8 -5001.9
8869 9.8 155123.2 -5010.3	8959 10.1 155751.8 -5009.6	9049 9.5 160355.3 -5046.1	9139 9.7 160709.8 -5050.3
8870 9.9 155124.2 -5050.3	8960 9.6 155755.3 -5037.0	9050 9.8 160400.5 -5036.9	9140 9.8 160712.3 -5048.6
8871 9.7 155125.7 -5055.3	8961 9.9 155755.3 -5004.9	9051 10.1 160403.8 -5024.0	9141 8.8 160713.8 -5017.5
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8911 9.7 155437.3 -5012.2	9001 10.1 160128.3 -5013.1	9091 10.1 160525.3 -5010.5	9181 10.0 160814.3 -5004.9
8912 10.1 155438.0 -5006.7	9002 9.7 160128.3 -5018.0	9092 9.5 160525.3 -5035.4	9182 10.0 160816.8 -5049.9
8913 9.5 155443.3 -5059.4	9003 9.7 160130.8 -5014.3	9093 9.4 160530.3 -5007.0	9183 8.8 160821.3 -5039.2
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8916 9.5 155500.8 -5031.9	9006 9.3 160141.3 -5015.5	9096 10.1 160532.8 -5054.8	9186 9.8 160826.3 -5049.8
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8942 10.1 155642.3 -5047.6	9032 9.8 160315.8 -5026.8	9122 9.6 160625.3 -5006.8	9212 8.2 160931.7 -5004.9
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-50 9222 16h09m

9222	9.9	160958.5	-5023.8
9223	9.6	160959.5	-5011.6
9224	10.0	161012.5	-5026.0
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9250	9.9	161102.0	-5030.2
9251	9.9	161102.0	-5030.5
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9353	10.1	161459.5	-5000.6
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9370	8.0	161548.5	-5027.1
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9372	9.0	161559.5	-5024.3
9373	9.0	161604.0	-5005.7
9374	9.2	161606.5	-5003.5
9375	9.6	161612.0	-5043.5
9376	9.0	161623.0	-5047.1
9377	9.8	161625.0	-5016.6
9378	9.0	161628.5	-5016.2
9379	8.2	161630.0	-5051.2
9380	9.9	161633.0	-5000.4
9381	10.0	161641.5	-5013.8
9382	9.6	161642.0	-5040.9
9383	9.6	161646.5	-5048.0
9384	9.6	161647.0	-5056.5
9385	9.0	161648.5	-5023.4
9386	9.1	161648.5	-5022.1
9387	9.8	161650.0	-5037.5
9388	9.4	161650.0	-5018.3
9389	9.3	161650.0	-5011.5
9390	9.6	161653.5	-5014.4
9391	9.8	161700.5	-5031.5
9392	9.9	161700.5	-5012.7
9393	9.2	161705.5	-5034.3
9394	9.3	161708.5	-5025.4
9395	8.2	161722.0	-5051.2
9396	10.0	161724.8	-5058.3
9397	9.0	161725.0	-5018.4
9398	9.9	161726.0	-5050.6
9399	9.8	161728.5	-5044.4
9400	9.0	161730.0	-5004.7
9401	9.0	161730.5	-5012.6
9402	10.0	161732.5	-5009.0
9403	9.9	161740.0	-5038.0
9404	10.0	161745.0	-5021.7
9405	8.4	161747.0	-5006.6
9406	10.0	161749.5	-5003.1
9407	9.8	161751.0	-5021.8
9408	9.3	161754.0	-5042.6
9409	9.3	161754.0	-5041.8
9410	8.2	161758.5	-5047.4
9411	9.8	161802.5	-5003.0
9412	9.5	161805.3	-5000.5
9413	9.4	161805.5	-5050.3
9414	9.8	161809.0	-5011.4
9415	9.5	161820.0	-5059.3
9416	10.0	161828.0	-5035.2
9417	9.3	161830.0	-5006.0
9418	8.0	161835.0	-5059.5
9419	10.0	161837.5	-5001.9
9420	9.9	161839.5	-5054.9
9421	9.6	161842.0	-5018.4
9422	8.3	161845.5	-5026.1
9423	9.4	161851.5	-5015.5
9424	9.2	161853.5	-5024.5
9425	9.8	161900.0	-5021.7
9426	8.7	161901.5	-5035.3
9427	10.0	161913.5	-5043.3
9428	10.0	161913.5	-5043.7
9429	9.5	161926.0	-5000.7
9430	9.5	161928.0	-5003.7
9431	9.0	161934.0	-5038.7
9432	9.8	161936.1	-5056.9
9433	9.8	161943.5	-5058.7
9434	9.0	161947.5	-5042.1
9435	9.3	161951.0	-5023.0
9436	10.0	162000.0	-5044.9
9437	10.0	162001.5	-5022.3
9438	9.0	162007.0	-5005.1
9439	9.0	162009.0	-5021.5
9440	9.2	162010.0	-5038.7
9441	9.4	162015.5	-5027.8
9442	9.8	162015.5	-5003.7
9443	9.0	162022.0	-5026.7
9444	9.4	162026.0	-5030.7
9445	9.9	162027.5	-5032.1
9446	8.8	162035.2	-5010.1
9447	9.9	162042.0	-5031.8
9448	8.9	162042.0	-5050.7
9449	9.8	162042.0	-5007.9
9450	10.0	162055.2	-5000.7
9451	9.9	162059.5	-5055.7
9452	10.0	162101.2	-5013.1
9453	10.0	162105.2	-5026.2
9454	9.8	162108.7	-5056.3
9455	10.0	162112.2	-5054.2
9456	9.4	162112.7	-5036.3
9457	10.0	162117.7	-5059.8
9458	10.0	162121.7	-5017.5
9459	7.7	162122.2	-5041.6
9460	9.8	162134.2	-5036.1
9461	8.9	162138.7	-5058.2
9462	9.9	162143.7	-5004.8
9463	8.8	162144.7	-5045.2
9464	9.2	162144.7	-5009.7
9465	9.9	162150.2	-5053.5
9466	10.0	162152.7	-5026.3
9467	9.8	162153.7	-5041.7
9468	10.0	162154.7	-5007.2
9469	10.0	162207.7	-5000.1
9470	10.0	162209.2	-5010.7
9471	9.2	162223.7	-5041.0
9472	9.8	162232.2	-5021.5
9473	9.3	162235.2	-5052.3
9474	9.4	162245.7	-5037.8
9475	8.4	162247.7	-5016.0
9476	9.2	162250.2	-5055.4
9477	9.3	162252.2	-5056.2
9478	9.9	162258.7	-5042.2
9479	9.8	162300.2	-5009.4
9480	9.3	162301.7	-5029.7
9481	9.8	162307.7	-5041.4
9482	9.8	162310.2	-5019.0
9483	8.2	162320.2	-5043.5
9484	9.8	162320.2	-5053.2
9485	8.4	162327.2	-5022.5
9486	10.0	162328.2	-5051.9
9487	9.8	162334.2	-5058.4
9488	10.0	162338.7	-5005.9
9489	9.8	162345.7	-5053.0
9490	9.5	162346.2	-5030.1
9491	9.8	162352.2	-5051.2

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9492	9.8	162352.2	-5000.9
9493	9.6	162353.7	-5050.9
9494	9.8	162359.7	-5057.9
9495	9.3	162402.2	-5012.2
9496	8.2	162404.1	-5059.7
9497	9.8	162408.2	-5029.8
9498	9.0	162410.2	-5054.2
9499	9.8	162412.2	-5012.2
9500	9.8	162420.2	-5047.9
9501	10.0	162420.2	-5055.9
9502	9.6	162425.2	-5025.3
9503	9.9	162433.2	-5004.5
9504	9.3	162435.2	-5018.7
9505	10.0	162435.5	-5000.0
9506	9.8	162450.2	-5031.2
9507	9.8	162453.2	-5037.6
9508	10.0	162503.7	-5025.9
9509	9.6	162505.7	-5037.2
9510	9.8	162510.7	-5027.3
9511	9.8	162518.7	-5056.9
9512	10.0	162523.7	-5038.6
9513	9.8	162531.2	-5006.4
9514	9.5	162540.2	-5056.5
9515	9.9	162542.2	-5055.9
9516	9.8	162547.7	-5003.5
9517	9.4	162550.2	-5050.7
9518	10.0	162604.7	-5043.5
9519	9.9	162607.7	-5043.1
9520	9.0	162609.2	-5003.4
9521	8.8	162610.2	-5006.0
9522	9.5	162610.2	-5028.7
9523	9.8	162620.7	-5012.6
9524	9.6	162624.7	-5058.5
9525	7.6	162630.2	-5058.7
9526	9.8	162630.2	-5035.6
9527	9.8	162632.7	-5059.6
9528	9.9	162645.7	-5054.5
9529	9.8	162702.2	-5059.5
9530	9.8	162711.7	-5057.7
9531	9.8	162720.2	-5013.5
9532	10.0	162730.7	-5048.8
9533	10.0	162742.2	-5036.5
9534	9.6	162743.7	-5024.2
9535	10.0	162748.2	-5051.0
9536	10.0	162749.7	-5022.5
9537	10.0	162750.3	-5054.0
9538	9.9	162751.2	-5009.3
9539	9.8	162752.2	-5008.2
9540	9.9	162752.2	-5017.9
9541	9.0	162753.2	-5034.8
9542	9.0	162757.6	-5031.7
9543	9.8	162824.6	-5040.5
9544	10.0	162830.6	-5023.4
9545	10.0	162838.8	-5059.1
9546	8.8	162844.1	-5007.8
9547	9.6	162849.1	-5044.4
9548	10.0	162858.6	-5016.8
9549	9.6	162859.6	-5036.1
9550	9.9	162903.1	-5058.9
9551	9.8	162906.1	-5025.7
9552	10.0	162906.6	-5054.3
9553	9.8	162910.6	-5032.9
9554	9.6	162911.1	-5043.7
9555	10.0	162911.4	-5059.1
9556	8.6	162921.1	-5034.3
9557	9.9	162933.1	-5038.9
9558	10.0	162940.1	-5050.7
9559	9.0	162940.6	-5010.9
9560	10.0	162947.6	-5012.7
9561	9.5	162957.1	-5056.6
9562	9.8	162958.1	-5001.3
9563	9.9	163000.6	-5005.1
9564	9.9	163018.6	-5052.7
9565	9.6	163037.6	-5027.2
9566	10.0	163053.1	-5036.5
9567	9.6	163107.1	-5041.4
9568	9.3	163112.1	-5030.0
9569	10.0	163112.6	-5003.9
9570	10.0	163124.1	-5016.8
9571	9.0	163124.1	-5035.4
9572	9.8	163130.1	-5025.8
9573	9.6	163130.6	-5055.6
9574	9.9	163154.6	-5048.2
9575	9.3	163203.1	-5031.5
9576	9.8	163213.6	-5055.0
9577	9.6	163217.6	-5034.8
9578	9.4	163218.6	-5000.5
9579	9.8	163225.6	-5042.9
9580	9.8	163236.1	-5021.3
9581	10.0	163238.2	-5058.9

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-50 9941 17h06m

9582	9.9	163241.8	-5038.3	9672	10.0	163925.7	-5049.3	9762	9.8	164709.9	-5055.2
9583	9.1	163242.1	-5032.8	9673	9.9	163929.7	-5056.0	9763	9.6	164740.9	-5037.6
9584	9.6	163242.6	-5056.2	9674	9.6	163930.7	-5010.8	9764	10.0	164743.9	-5024.1
9585	9.9	163242.6	-5054.2	9675	10.0	163931.8	-5042.2	9765	9.7	164744.4	-5041.1
9586	9.6	163242.8	-5041.9	9676	10.0	163932.7	-5054.0	9766	9.6	164757.1	-5059.6
9587	9.6	163245.6	-5053.9	9677	9.9	163939.4	-5057.8	9767	10.0	164809.9	-5024.5
9588	9.9	163249.6	-5048.5	9678	9.8	163941.7	-5031.0	9768	9.4	164821.9	-5044.0
9589	9.8	163250.1	-5036.1	9679	9.6	163943.2	-5032.3	9769	9.3	164822.4	-5054.6
9590	10.0	163255.8	-5027.9	9680	9.2	163957.2	-5010.6	9770	7.0	164839.9	-5026.3
9591	9.9	163305.6	-5018.9	9681	9.6	164000.7	-5045.7	9771	9.4	164901.6	-5058.8
9592	8.4	163314.6	-5013.3	9682	9.9	164002.7	-5024.6	9772	9.9	164906.9	-5046.6
9593	10.0	163320.6	-5043.7	9683	10.0	164003.2	-5046.1	9773	9.3	164909.9	-5014.1
9594	9.6	163330.6	-5058.6	9684	9.9	164024.7	-5036.2	9774	9.6	164909.9	-5011.8
9595	9.5	163353.1	-5048.5	9685	10.0	164025.2	-5056.0	9775	9.9	164917.9	-5032.9
9596	8.6	163354.6	-5014.3	9686	9.5	164026.2	-5035.2	9776	9.7	164926.9	-5008.3
9597	9.8	163354.6	-5018.2	9687	10.0	164036.4	-5059.6	9777	9.0	164937.9	-5058.1
9598	9.8	163408.6	-5038.1	9688	10.0	164037.7	-5050.9	9778	9.3	164940.9	-5033.7
9599	10.0	163412.6	-5006.2	9689	10.0	164041.7	-5050.2	9779	9.1	164951.4	-5014.0
9600	10.0	163414.6	-5021.5	9690	9.5	164041.7	-5051.0	9780	10.0	164953.0	-5055.3
9601	9.5	163417.1	-5048.4	9691	9.8	164042.2	-5023.8	9781	9.5	164954.5	-5037.0
9602	9.8	163417.6	-5044.6	9692	8.4	164042.7	-5028.8	9782	10.0	165003.5	-5013.2
9603	9.6	163418.6	-5053.1	9693	9.9	164054.7	-5037.0	9783	9.0	165005.0	-5039.7
9604	9.8	163422.6	-5030.6	9694	9.0	164102.2	-5036.3	9784	9.0	165012.5	-5037.7
9605	10.0	163422.6	-5052.2	9695	8.9	164117.2	-5006.9	9785	9.6	165031.0	-5039.8
9606	9.4	163425.6	-5029.2	9696	10.0	164128.7	-5055.4	9786	9.5	165031.0	-5037.4
9607	9.8	163427.1	-5052.0	9697	9.9	164135.9	-5058.9	9787	9.4	165036.0	-5031.5
9608	10.0	163431.1	-5020.7	9698	9.0	164140.2	-5027.7	9788	9.0	165044.5	-5043.3
9609	10.0	163444.6	-5046.9	9699	9.0	164142.7	-5010.6	9789	10.0	165057.5	-5026.0
9610	9.8	163456.1	-5041.8	9700	8.6	164143.2	-5013.8	9790	9.5	165103.0	-5036.0
9611	9.6	163456.1	-5019.0	9701	10.0	164155.2	-5016.6	9791	9.3	165109.5	-5039.4
9612	9.4	163456.1	-5039.6	9702	9.6	164200.7	-5048.1	9792	8.8	165110.0	-5000.6
9613	9.9	163500.1	-5032.6	9703	9.9	164202.2	-5040.4	9793	9.8	165126.0	-5034.3
9614	9.6	163508.6	-5032.0	9704	10.0	164208.2	-5052.0	9794	9.1	165135.5	-5014.4
9615	8.6	163510.6	-5021.2	9705	8.2	164210.7	-5004.8	9795	9.8	165152.5	-5001.9
9616	10.0	163512.1	-5051.9	9706	9.0	164214.7	-5038.9	9796	7.2	165203.5	-5056.5
9617	9.8	163512.6	-5055.9	9707	8.9	164215.7	-5034.2	9797	10.0	165207.0	-5046.3
9618	9.8	163516.6	-5029.3	9708	9.2	164216.2	-5026.9	9798	8.6	165212.0	-5039.8
9619	9.9	163530.1	-5031.2	9709	10.0	164216.2	-5051.0	9799	9.5	165219.0	-5024.6
9620	9.9	163530.6	-5049.0	9710	10.0	164219.7	-5051.1	9800	10.0	165231.0	-5031.1
9621	9.2	163540.6	-5049.2	9711	8.4	164221.2	-5041.2	9801	8.8	165242.7	-5059.8
9622	9.4	163547.1	-5035.1	9712	8.4	164229.2	-5034.2	9802	9.2	165256.5	-5049.8
9623	9.0	163550.6	-5049.8	9713	9.5	164240.7	-5018.6	9803	9.7	165300.5	-5040.0
9624	10.0	163552.1	-5004.9	9714	8.8	164242.2	-5042.3	9804	9.2	165302.5	-5007.2
9625	9.6	163554.1	-5043.5	9715	9.1	164244.7	-5055.7	9805	9.7	165313.5	-5032.1
9626	9.6	163600.1	-5008.0	9716	8.6	164254.7	-5054.5	9806	9.8	165316.6	-5002.2
9627	9.6	163613.6	-5040.0	9717	9.8	164257.7	-5056.0	9807	8.1	165341.5	-5013.0
9628	9.4	163614.1	-5031.4	9718	10.0	164258.7	-5003.3	9808	10.0	165350.0	-5022.9
9629	9.4	163615.6	-5040.7	9719	9.6	164301.7	-5020.3	9809	9.8	165403.0	-5051.7
9630	9.6	163622.6	-5030.8	9720	8.4	164304.7	-5016.8	9810	9.5	165415.5	-5030.0
963	9.9	163625.1	-5034.1	9721	9.5	164311.7	-5030.7	9811	9.7	165416.0	-5025.3
963	9.8	163630.6	-5034.2	9722	9.8	164324.4	-5058.6	9812	9.8	165416.0	-5055.0
963	10.0	163634.1	-5033.6	9723	9.8	164325.2	-5056.6	9813	8.0	165418.0	-5054.0
963	9.9	163635.6	-5005.7	9724	9.3	164330.7	-5034.2	9814	10.0	165427.5	-5042.5
9635	10.0	163643.1	-5029.0	9725	9.8	164332.2	-5046.9	9815	9.4	165427.5	-5057.7
9636	9.9	163649.6	-5042.4	9726	9.4	164345.2	-5042.1	9816	9.6	165439.0	-5020.0
9637	9.8	163656.6	-5057.7	9727	10.0	164355.7	-5004.0	9817	9.7	165530.0	-5003.3
9638	9.6	163700.6	-5055.9	9728	10.0	164358.7	-5029.8	9818	9.6	165532.0	-5053.1
9639	9.8	163701.6	-5046.1	9729	9.8	164401.2	-5048.8	9819	9.0	165538.0	-5032.6
9640	9.8	163703.1	-5036.0	9730	9.4	164402.2	-5036.6	9820	9.0	165556.0	-5042.3
9641	9.8	163709.6	-5045.4	9731	7.9	164405.7	-5001.5	9821	9.2	165556.5	-5026.0
9642	9.3	163710.6	-5009.2	9732	9.8	164405.7	-5008.6	9822	8.8	165600.0	-5046.7
9643	9.8	163711.6	-5034.1	9733	9.4	164411.2	-5049.9	9823	9.9	165609.0	-5045.2
9644	10.0	163712.1	-5024.6	9734	10.0	164415.7	-5015.6	9824	9.9	165618.7	-5059.4
9645	10.0	163720.6	-5019.5	9735	9.3	164420.2	-5046.9	9825	9.5	165629.0	-5013.7
9646	9.9	163722.1	-5036.2	9736	9.2	164421.1	-5048.3	9826	9.5	165639.5	-5016.7
9647	10.0	163735.6	-5022.9	9737	10.0	164424.7	-5016.2	9827	9.6	165643.0	-5010.0
9648	9.9	163740.6	-5022.1	9738	9.0	164431.0	-5026.4	9828	9.2	165649.2	-5033.0
9649	10.0	163742.6	-5021.0	9739	9.8	164431.8	-5002.7	9829	9.8	165654.5	-5047.9
9650	9.0	163752.7	-5041.4	9740	9.6	164433.0	-5059.7	9830	9.0	165655.5	-5027.9
9651	9.1	163754.2	-5026.7	9741	9.2	164436.2	-5036.0	9831	10.0	165703.5	-5003.3
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10019 8.6 171159.4 -5010.4	10109 8.6 171907.3 -5015.8	10199 9.8 172505.1 -5036.5	10289 10.1 173129.1 -5032.2
10020 10.0 171204.7 -5059.9	10110 9.5 171910.3 -5016.8	10200 9.8 172513.1 -5009.4	10290 10.2 173129.6 -5041.8
10021 9.5 171224.4 -5041.4	10111 10.0 171912.8 -5034.4	10201 9.8 172513.1 -5029.9	10291 10.1 173132.1 -5040.0
10022 9.4 171225.7 -5001.2	10112 10.1 171913.2 -5041.0	10202 9.6 172522.6 -5020.2	10292 9.8 173133.6 -5009.1
10023 9.9 171234.4 -5042.4	10113 10.2 171917.2 -5041.6	10203 10.1 172523.1 -5044.2	10293 9.3 173135.1 -5033.9
10024 9.8 171239.4 -5010.2	10114 9.5 171928.3 -5003.8	10204 9.4 172523.6 -5040.5	10294 10.0 173138.1 -5042.4
10025 10.0 171240.4 -5016.7	10115 10.0 171932.8 -5045.6	10205 10.2 172528.1 -5021.7	10295 8.7 173157.1 -5040.8
10026 9.5 171251.9 -5046.3	10116 10.1 171935.3 -5050.0	10206 10.2 172532.6 -5018.4	10296 8.6 173201.6 -5039.2
10027 9.8 171259.4 -5042.7	10117 10.1 171939.8 -5009.6	10207 10.1 172536.6 -5022.8	10297 8.3 173205.1 -5024.1
10028 9.3 171259.4 -5022.1	10118 9.8 171941.8 -5033.7	10208 9.1 172539.1 -5052.5	10298 9.7 173205.1 -5001.0
10029 9.8 171309.4 -5029.2	10119 9.8 171942.3 -5033.4	10209 9.9 172542.1 -5018.8	10299 10.0 173205.1 -5002.7
10030 9.8 171309.9 -5021.6	10120 8.0 171945.8 -5017.4	10210 9.8 172542.1 -5012.9	10300 10.0 173213.1 -5037.0
10031 9.8 171311.4 -5040.0	10121 9.8 171946.8 -5004.8	10211 10.0 172543.1 -5025.0	10301 9.5 173215.1 -5006.2

-5010302 17h32m

-5010661 18h15m

10302	9.6	173217.1	-5036.4	10392	10.2	174029.7	-5020.1	10482	9.6	174835.2	-5008.4
10303	8.0	173218.1	-5026.4	10393	9.5	174035.7	-5046.3	10483	8.8	174845.2	-5034.7
10304	10.2	173218.6	-5048.2	10394	10.2	174038.7	-5012.3	10484	10.2	174846.2	-5051.6
10305	9.5	173226.1	-5023.0	10395	9.2	174041.0	-5059.7	10485	10.2	174850.7	-5023.1
10306	10.2	173227.1	-5050.0	10396	10.2	174042.1	-5005.1	10486	8.6	174908.7	-5049.2
10307	9.4	173231.6	-5008.2	10397	9.1	174042.1	-5012.7	10487	9.6	174910.7	-5031.9
10308	9.9	173238.1	-5047.0	10398	10.2	174049.1	-5044.7	10488	10.2	174910.7	-5027.6
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10310	8.4	173245.1	-5035.0	10400	10.0	174054.6	-5008.7	10490	9.2	174922.2	-5040.9
10311	9.6	173248.1	-5052.8	10401	9.6	174059.6	-5032.0	10491	9.7	174943.2	-5058.9
10312	9.2	173249.6	-5034.0	10402	10.2	174101.3	-5059.5	10492	9.7	174947.7	-5004.3
10313	9.0	173251.1	-5045.6	10403	9.8	174102.1	-5008.3	10493	9.6	175000.7	-5057.1
10314	9.9	173254.9	-5049.6	10404	9.2	174102.6	-5043.8	10494	9.4	175003.2	-5018.9
10315	10.0	173300.9	-5006.8	10405	10.2	174103.6	-5058.6	10495	10.2	175004.2	-5040.0
10316	10.0	173301.9	-5033.4	10406	9.8	174105.1	-5006.9	10496	10.0	175009.5	-5059.1
10317	10.2	173304.9	-5007.2	10407	10.0	174106.7	-5056.5	10497	10.2	175013.7	-5038.9
10318	9.8	173311.9	-5040.3	10408	9.8	174109.6	-5007.9	10498	9.6	175046.7	-5031.7
10319	10.1	173316.4	-5004.6	10409	8.6	174113.1	-5014.8	10499	10.2	175100.2	-5032.6
10320	9.1	173321.4	-5045.2	10410	9.6	174126.1	-5003.7	10500	9.8	175106.2	-5009.6
10321	9.6	173326.4	-5011.2	10411	9.9	174130.6	-5040.9	10501	10.2	175132.7	-5037.8
10322	10.1	173348.9	-5029.8	10412	9.8	174132.1	-5009.4	10502	9.6	175140.7	-5032.3
10323	10.0	173348.9	-5025.3	10413	9.8	174138.6	-5009.3	10503	9.6	175143.2	-5050.0
10324	9.4	173354.9	-5002.7	10414	10.0	174141.1	-5027.6	10504	9.0	175146.7	-5009.4
10325	9.9	173359.4	-5028.9	10415	9.2	174142.1	-5020.3	10505	9.6	175146.7	-5056.0
10326	10.2	173402.9	-5004.2	10416	9.8	174147.1	-5038.4	10506	9.6	175149.0	-5036.3
10327	9.8	173404.9	-5004.8	10417	9.2	174149.1	-5004.5	10507	9.7	175150.7	-5040.5
10328	9.8	173410.9	-5046.1	10418	9.4	174203.1	-5005.1	10508	10.2	175155.0	-5049.4
10329	10.1	173411.9	-5054.4	10419	9.1	174204.1	-5009.5	10509	8.9	175202.2	-5035.0
10330	10.0	173416.9	-5021.8	10420	9.6	174216.6	-5012.8	10510	8.6	175220.2	-5010.2
10331	9.9	173421.4	-5023.8	10421	9.3	174220.1	-5003.7	10511	10.2	175241.2	-5013.0
10332	9.0	173437.4	-5034.9	10422	9.3	174221.6	-5007.8	10512	9.2	175242.7	-5018.6
10333	8.6	173438.9	-5017.1	10423	9.8	174224.6	-5040.6	10513	9.1	175253.2	-5012.5
10334	9.8	173441.9	-5006.1	10424	10.2	174224.7	-5026.8	10514	9.1	175306.7	-5026.7
10335	10.0	173450.9	-5012.2	10425	8.5	174229.6	-5049.1	10515	10.2	175321.2	-5009.6
10336	10.1	173515.4	-5007.0	10426	10.0	174230.1	-5035.1	10516	10.2	175332.2	-5024.4
10337	9.7	173515.9	-5006.7	10427	10.0	174233.6	-5035.5	10517	10.2	175341.2	-5011.7
10338	9.7	173538.4	-5049.2	10428	9.9	174236.1	-5035.5	10518	10.2	175355.2	-5011.4
10339	9.9	173544.4	-5025.1	10429	10.2	174236.7	-5054.2	10519	9.7	175359.2	-5009.5
10340	10.1	173545.2	-5000.1	10430	9.5	174237.6	-5008.7	10520	10.0	175407.7	-5052.1
10341	9.3	173549.9	-5041.2	10431	10.0	174239.6	-5014.0	10521	10.2	175427.0	-5000.4
10342	8.0	173550.9	-5043.2	10432	10.1	174244.1	-5007.4	10522	9.0	175433.7	-5033.8
10343	9.7	173552.9	-5017.2	10433	9.9	174244.6	-5021.6	10523	9.7	175441.2	-5032.1
10344	10.1	173615.9	-5041.0	10434	10.2	174245.1	-5015.1	10524	9.6	175449.2	-5008.1
10345	9.1	173617.9	-5014.5	10435	10.0	174243.1	-5030.0	10525	8.6	175505.7	-5026.3
10346	10.2	173625.9	-5049.7	10436	10.1	174258.6	-5040.9	10526	10.2	175505.7	-5000.9
10347	10.0	173628.9	-5028.7	10437	9.3	174300.1	-5005.9	10527	9.8	175508.2	-5048.2
10348	9.2	173634.9	-5028.6	10438	10.2	174308.7	-5015.0	10528	9.6	175518.7	-5051.2
10349	10.1	173643.9	-5037.0	10439	8.8	174309.6	-5054.8	10529	10.0	175519.0	-5024.4
10350	10.2	173649.5	-5002.5	10440	9.2	174309.6	-5013.8	10530	9.6	175549.2	-5043.3
10351	9.9	173651.9	-5047.3	10441	8.4	174314.6	-5047.6	10531	9.9	175612.4	-5059.3
10352	9.6	173653.4	-5048.6	10442	9.4	174318.6	-5004.2	10532	10.2	175615.2	-5037.4
10353	10.2	173701.9	-5025.5	10443	10.1	174333.5	-5024.6	10533	9.1	175616.2	-5024.4
10354	10.1	173709.7	-5041.2	10444	8.6	174337.5	-5051.2	10534	10.0	175627.7	-5038.3
10355	9.0	173709.9	-5005.3	10445	9.5	174350.5	-5009.5	10535	9.6	175631.2	-5045.0
10356	9.7	173715.2	-5007.7	10446	10.0	174356.5	-5024.2	10536	9.6	175643.7	-5049.5
10357	9.1	173721.7	-5053.1	10447	10.0	174358.0	-5022.8	10537	8.7	175649.2	-5031.6
10358	10.1	173729.2	-5049.8	10448	9.6	174359.5	-5037.1	10538	4.2	175653.2	-5005.8
10359	10.2	173733.7	-5049.4	10449	9.0	174359.7	-5000.0	10539	10.0	175700.2	-5044.1
10360	9.8	173746.7	-5050.0	10450	9.5	174401.3	-5029.7	10540	9.6	175701.2	-5039.9
10361	10.1	173754.7	-5019.7	10451	9.5	174403.8	-5028.0	10541	10.0	175717.5	-5059.9
10362	9.2	173758.7	-5037.7	10452	10.2	174406.5	-5006.2	10542	10.2	175722.7	-5000.4
10363	9.5	173800.7	-5026.3	10453	10.2	174421.5	-5029.9	10543	10.0	175731.7	-5004.3
10364	10.2	173806.7	-5019.9	10454	10.2	174438.5	-5030.9	10544	10.0	175739.0	-5014.0
10365	10.1	173809.7	-5046.1	10455	10.0	174440.0	-5007.0	10545	10.2	175739.8	-5057.8
10366	10.2	173815.7	-5016.7	10456	10.2	174451.0	-5005.3	10546	10.2	175752.7	-5022.7
10367	10.2	173822.7	-5042.9	10457	9.2	174455.3	-5024.8	10547	10.0	175759.2	-5014.0
10368	9.0	173823.7	-5022.0	10458	9.8	174459.0	-5043.3	10548	10.0	175809.0	-5047.2
10369	10.1	173824.7	-5045.4	10459	9.4	174459.5	-5025.4	10549	10.2	175819.2	-5036.3
10370	9.6	173828.5	-5058.3	10460	9.9	174508.0	-5058.0	10550	10.0	175822.2	-5052.7
10371	9.2	173834.7	-5002.1	10461	9.8	174510.5	-5053.9	10551	10.2	175829.0	-5026.7
10372	9.1	173835.2	-5041.5	10462	9.6	174511.5	-5014.8	10552	9.6	175836.1	-5033.7
10373	10.2	173837.7	-5007.5	10463	10.2	174519.5	-5018.3	10553	9.2	175903.1	-5022.4
10374	10.1	173838.2	-5045.6	10464	10.2	174521.5	-5041.5	10554	10.0	175918.6	-5058.5
10375	10.1	173914.2	-5032.2	10465	10.2	174550.7	-5020.4	10555	9.6	175922.6	-5037.0
10376	10.2	173915.2	-5011.1	10466	10.2	174607.7	-5046.0	10556	10.0	175931.6	-5030.6
10377	9.3	173918.7	-5052.0	10467	9.7	174636.9	-5001.2	10557	10.2	175943.6	-5053.9
10378	9.3	173931.7	-5024.1	10468	9.0	174637.7	-5028.6	10558	10.2	180010.1	-5053.2
10379	9.5	173932.7	-5021.6	10469	10.0	174649.2	-5009.2	10559	9.6	180029.6	-5054.2
10380	9.8	173935.7	-5024.5	10470	10.2	174656.7	-5006.1	10560	10.2	180041.6	-5033.1
10381	9.8	173947.2	-5014.7	10471	10.2	174709.7	-5047.9	10561	9.5	180041.6	-5020.0
10382	10.2	173951.7	-5059.6	10472	10.2	174713.7	-5034.5	10562	9.6	180050.1	-5021.4
10383	10.1	173956.7	-5045.7	10473	10.2	174719.2	-5045.0	10563	10.0	180055.1	-5039.9
10384	9.9	174000.7	-5028.4	10474	8.8	174737.7	-5011.7	10564	10.2	180102.1	-5037.3
10385	9.0	174010.7	-5043.6	10475	9.3	174748.7	-5040.0	10565	9.1	180119.6	-5043.8
10386	10.1	174014.2	-5023.0	10476	9.4	174749.7	-5005.8	10566	10.2	180137.5	-5035.3
10387	10.2	174014.2	-5022.5	10477	9.7	174753.7	-5019.1	10567	9.2	180142.4	-5021.0
10388	10.2	174014.2	-5005.1	10478	9.4	174806.7	-5059.6	10568	10.2	180216.1	-5036.1
10389	10.1	174015.7	-5002.8	10479	9.3	174814.2	-5031.6	10569	9.4	180219.6	-5031.9
10390	10.1	174019.7	-5008.8	10480	9.3	174818.7	-5026.1	10570	10.2	180221.6	-5011.6
10391	8.8	174028.2	-5014.7	10481	9.7	174824.2	-5047.0	10571	9.1	180224.6	-5028.0
10572	10.2	180226.5	-5003.6								
10573	10.0	180234.4	-5059.4								
10574	10.2	180237.5	-5020.2								
10575	10.2	180250.6	-5016.1								
10576	7.6	180309.6	-5034.8								
10577	9.8	180311.6	-5035.6								
10578	9.7	180312.1	-5045.1								
10579	8.9	180327.9	-5002.1								
10580	9.8	180333.1	-5011.3								
10581	9.6	180343.6	-5048.0								
10582	8.6	180354.6	-5026.3								
10583	10.0	180425.6	-5016.9								
10584	9.7	180431.6	-5052.9								
10585	9.7	180438.6	-5051.9								
10586	10.0	180439.6	-5054.4								
10587	10.2	180453.1	-5054.4								
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10591	10.2	180511.6	-5000.6								
10592	7.8	180515.1	-5020.3								
10593	10.2	180519.1	-5038.0								
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10595	10.0	180527.6	-5000.5								
10596	8.9	180538.4	-5024.8								
10597	9.2	180549.9	-5041.7								
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10601	10.2	180618.4	-5033.2								
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10606	9.4	180729.4	-5014.7								
10607	10.0	180737.9	-5001.4								
10608	9.4	180750.9	-5046.5								
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10610	10.0	180801.8	-5027.6								
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10617	9.6	180839.9	-5003.4								
10618	9.0	180839.9	-5032.0								
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10621	10.0	180901.9	-5038.1								
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10623	9.6	180927.9	-5015.2								
10624	10.2	180956.4	-5015.4								
10625	9.2	180957.9	-5035.5								
10626	9.2	181000.4	-5039.7								
10627	10.2	181017.9	-5009.3								
10628	10.0	181021.9	-5013.6								
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10630	10.2	181039.9	-5012.4								
10631	10.0	181104.4	-5038.4								
10632	10.2	181121.9	-5002.4								
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10635	9.6	181138.3	-5011.1								
10636	9.9	181158.8	-5010.7								
10637	10.2	181213.8	-5048.5								
10638	10.0	181218.3	-5040.0								
10639	9.6	181218.8	-5022.0								
10640	10.0	181219.3	-5048.7								
10641	10.2	181302.8	-5053.7								
10642	9.1	181303.3	-5056.1								
10643	10.0	181324.3	-5031.5								
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10652	10.0	181452.4	-5022.7								
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10657	9.6	181500.1	-5051.6								
10658	10.2	181501.1	-5008.4								
10659	10.4	181509.5	-5010.7								
10660	9.4	181527.9	-5014.0								
10661	9.0	181539.1	-5040.1								

-5010662 18h15m

-5011021 19h07m

10662	9.8	181548.6	-5014.8	10752	9.8	182544.4	-5015.3	10842	9.7	183952.1	-5024.8
10663	8.4	181552.0	-5038.1	10753	10.0	182545.4	-5014.5	10843	9.2	184008.1	-5049.0
10664	10.0	181557.2	-5002.0	10754	10.0	182547.4	-5023.7	10844	10.4	184017.1	-5033.2
10665	10.4	181601.3	-5043.5	10755	9.8	182558.4	-5032.1	10845	8.1	184018.1	-5008.0
10666	10.0	181603.5	-5038.7	10756	10.0	182611.4	-5033.0	10846	8.4	184022.6	-5008.3
10667	9.6	181605.5	-5047.3	10757	9.8	182627.9	-5037.5	10847	10.2	184036.1	-5018.4
10668	9.2	181614.6	-5002.6	10758	9.8	182657.0	-5058.0	10848	10.2	184045.6	-5009.7
10669	8.2	181619.5	-5056.7	10759	10.0	182707.5	-5020.5	10849	9.8	184051.6	-5047.6
10670	9.2	181628.0	-5056.4	10760	10.2	182714.5	-5014.7	10850	10.4	184111.6	-5014.5
10671	9.4	181635.3	-5059.6	10761	10.2	182718.5	-5020.8	10851	10.1	184120.6	-5039.5
10672	9.8	181639.5	-5040.2	10762	10.4	182736.5	-5008.8	10852	9.2	184122.1	-5018.1
10673	8.5	181639.5	-5055.6	10763	8.1	182755.0	-5014.7	10853	9.6	184141.6	-5033.6
10674	9.2	181644.0	-5024.7	10764	10.1	182800.0	-5025.7	10854	9.8	184202.1	-5059.5
10675	10.1	181705.0	-5035.9	10765	10.2	182802.0	-5026.6	10855	10.0	184202.6	-5056.4
10676	8.6	181706.5	-5023.4	10766	10.0	182804.5	-5003.4	10856	10.0	184208.6	-5015.9
10677	9.2	181716.0	-5049.8	10767	10.4	182809.6	-5049.5	10857	9.4	184251.1	-5049.5
10678	8.5	181717.0	-5032.7	10768	9.4	182812.5	-5033.6	10858	9.8	184309.6	-5023.0
10679	8.2	181719.5	-5034.5	10769	10.0	182823.5	-5019.6	10859	9.8	184312.1	-5034.9
10680	8.0	181720.5	-5043.1	10770	9.8	182826.5	-5044.6	10860	9.2	184315.6	-5040.0
10681	10.1	181729.8	-5001.0	10771	8.5	182827.5	-5030.8	10861	10.2	184315.6	-5017.8
10682	10.0	181734.5	-5013.1	10772	9.8	182850.5	-5011.4	10862	8.0	184325.1	-5019.4
10683	10.4	181736.8	-5044.6	10773	10.0	182853.5	-5036.4	10863	10.4	184329.9	-5001.9
10684	9.4	181741.3	-5015.7	10774	9.2	182856.5	-5007.0	10864	10.2	184338.1	-5048.4
10685	10.4	181754.8	-5011.5	10775	9.2	182910.0	-5037.4	10865	10.4	184348.1	-5021.9
10686	9.8	181757.3	-5032.3	10776	9.0	182922.5	-5009.5	10866	9.6	184354.3	-5019.0
10687	8.4	181800.8	-5004.2	10777	8.8	182945.5	-5019.8	10867	9.7	184422.6	-5044.9
10688	9.2	181805.8	-5058.4	10778	9.0	182955.0	-5042.2	10868	9.4	184430.1	-5007.2
10689	9.4	181809.8	-5038.8	10779	10.0	182958.5	-5059.6	10869	10.0	184432.1	-5031.6
10690	9.6	181809.8	-5014.8	10780	10.0	183002.0	-5003.0	10870	10.4	184434.1	-5025.4
10691	9.8	181817.8	-5050.6	10781	9.4	183002.5	-5045.0	10871	10.3	184446.1	-5034.6
10692	10.2	181900.3	-5047.3	10782	9.8	183008.5	-5045.8	10872	7.4	184454.0	-5001.7
10693	9.2	181905.8	-5031.9	10783	10.4	183015.5	-5009.6	10873	10.4	184455.4	-5005.3
10694	10.1	181909.8	-5059.9	10784	9.6	183042.0	-5013.0	10874	10.0	184458.4	-5049.8
10695	10.4	181911.3	-5010.3	10785	9.8	183052.0	-5057.9	10875	10.4	184500.2	-5041.3
10696	9.8	181915.3	-5032.8	10786	9.6	183055.0	-5016.2	10876	8.8	184503.2	-5016.7
10697	9.2	181917.8	-5008.0	10787	10.4	183120.0	-5011.9	10877	8.8	184503.4	-5019.1
10698	10.1	181923.8	-5029.3	10788	10.0	183126.5	-5006.2	10878	10.6	184510.0	-5029.9
10699	9.8	181924.8	-5030.9	10789	10.0	183130.0	-5007.1	10879	10.6	184517.6	-5025.1
10700	9.7	181929.8	-5038.1	10790	7.9	183137.5	-5034.9	10880	9.6	184532.6	-5032.4
10701	10.0	181930.3	-5028.9	10791	10.2	183138.0	-5024.4	10881	8.0	184540.0	-5012.8
10702	10.2	181939.8	-5019.8	10792	9.4	183148.0	-5028.2	10882	9.8	184629.5	-5058.9
10703	9.2	181944.2	-5057.1	10793	9.8	183203.5	-5041.7	10883	10.4	184642.0	-5045.4
10704	10.1	181957.8	-5024.9	10794	8.8	183210.0	-5032.0	10884	10.6	184655.0	-5001.6
10705	9.6	182019.8	-5016.0	10795	10.2	183244.5	-5056.0	10885	10.6	184702.0	-5004.0
10706	10.4	182024.3	-5016.2	10796	10.2	183252.5	-5017.0	10886	10.6	184714.0	-5023.9
10707	10.4	182039.3	-5005.5	10797	10.2	183257.5	-5038.8	10887	9.0	184715.0	-5000.2
10708	10.0	182045.3	-5018.9	10798	8.9	183258.5	-5003.1	10888	10.2	184725.5	-5023.9
10709	10.2	182046.8	-5013.2	10799	10.1	183315.0	-5039.8	10889	10.2	184750.0	-5047.5
10710	9.7	182049.3	-5046.1	10800	10.0	183333.0	-5047.0	10890	10.2	184750.0	-5048.0
10711	8.9	182052.3	-5031.3	10801	8.8	183335.5	-5039.2	10891	10.6	184800.0	-5059.5
10712	10.2	182059.8	-5038.6	10802	10.0	183341.5	-5006.2	10892	9.4	184805.0	-5054.2
10713	9.8	182100.3	-5039.3	10803	10.0	183342.0	-5003.0	10893	10.6	184812.0	-5009.3
10714	10.4	182103.3	-5044.0	10804	8.8	183400.0	-5016.5	10894	9.8	184820.0	-5052.0
10715	9.6	182105.8	-5028.5	10805	9.2	183405.0	-5016.3	10895	9.8	184825.5	-5026.0
10716	10.0	182106.8	-5017.1	10806	9.4	183408.0	-5003.0	10896	9.8	184832.0	-5028.5
10717	7.8	182146.8	-5015.8	10807	10.2	183444.5	-5002.6	10897	9.6	184840.0	-5036.3
10718	9.4	182147.8	-5017.3	10808	9.2	183450.0	-5058.7	10898	10.0	184846.0	-5042.7
10719	9.6	182155.8	-5047.0	10809	8.4	183507.5	-5036.6	10899	10.2	184847.0	-5037.1
10720	9.2	182200.9	-5015.6	10810	10.4	183512.0	-5049.3	10900	10.6	184847.0	-5049.3
10721	9.8	182202.9	-5000.0	10811	10.4	183522.0	-5055.1	10901	10.6	184850.0	-5012.7
10722	9.7	182208.9	-5037.8	10812	10.4	183537.0	-5022.4	10902	10.2	184905.0	-5039.9
10723	10.4	182221.9	-5016.1	10813	9.2	183540.0	-5031.8	10903	9.5	184906.5	-5054.9
10724	10.0	182227.9	-5021.1	10814	10.0	183545.0	-5031.0	10904	10.4	184908.0	-5004.1
10725	9.0	182309.6	-5058.0	10815	6.4	183609.5	-5059.8	10905	9.4	184928.0	-5045.6
10726	10.2	182309.9	-5008.4	10816	10.1	183618.0	-5015.7	10906	9.8	184930.5	-5031.8
10727	9.2	182327.4	-5031.0	10817	10.2	183633.5	-5043.6	10907	10.6	184932.5	-5028.5
10728	10.4	182329.4	-5016.0	10818	10.2	183657.1	-5000.6	10908	8.4	184942.0	-5030.3
10729	10.1	182334.4	-5050.8	10819	10.4	183700.0	-5021.4	10909	9.6	185001.0	-5012.0
10730	10.0	182339.4	-5040.1	10820	10.4	183710.0	-5037.2	10910	9.4	185009.5	-5012.3
10731	10.4	182339.4	-5023.2	10821	8.0	183713.5	-5057.0	10911	10.6	185020.0	-5011.3
10732	10.2	182339.9	-5012.9	10822	7.4	183718.5	-5013.2	10912	8.7	185034.5	-5001.2
10733	10.0	182344.9	-5032.1	10823	10.4	183719.0	-5009.2	10913	10.2	185040.0	-5042.7
10734	8.4	182349.9	-5017.8	10824	10.4	183722.0	-5047.0	10914	10.0	185043.5	-5006.3
10735	10.4	182358.4	-5034.8	10825	9.2	183729.5	-5000.8	10915	10.2	185047.0	-5024.1
10736	9.8	182359.9	-5059.0	10826	9.6	183730.0	-5002.0	10916	9.6	185108.0	-5002.3
10737	9.7	182404.9	-5031.9	10827	8.8	183736.0	-5058.0	10917	10.2	185115.5	-5054.7
10738	10.4	182406.4	-5006.0	10828	9.4	183747.5	-5039.4	10918	10.6	185120.0	-5046.8
10739	8.6	182411.9	-5048.4	10829	9.8	183755.5	-5057.9	10919	8.6	185137.0	-5021.1
10740	10.4	182421.9	-5044.5	10830	9.7	183801.0	-5021.6	10920	10.2	185144.0	-5010.7
10741	9.0	182431.9	-5055.4	10831	10.1	183824.0	-5044.9	10921	8.9	185157.5	-5021.7
10742	10.1	182435.9	-5030.4	10832	10.2	183827.1	-5001.7	10922	10.6	185206.0	-5039.8
10743	9.2	182439.9	-5009.7	10833	10.4	183830.0	-5051.9	10923	10.4	185210.0	-5013.7
10744	9.6	182439.9	-5033.1	10834	10.0	183842.0	-5014.8	10924	10.2	185210.0	-5014.0
10745	8.0	182454.9	-5048.8	10835	8.6	183848.1	-5049.7	10925	10.6	185230.0	-5043.4
10746	9.8	182454.9	-5005.6	10836	9.8	183902.1	-5044.8	10926	9.2	185240.0	-5032.7
10747	9.4	182501.4	-5006.2	10837	9.7	183908.6	-5051.7	10927	10.2	185256.5	-5002.5
10748	10.4	182519.9	-5049.1	10838	10.4	183926.1	-5037.1	10928	10.0	185312.0	-5008.4
10749	10.2	182526.4	-5050.5	10839	9.8	183929.9	-5001.4	10929	9.6	185339.3	-5057.7
10750	10.1	182536.4	-5037.8	10840	9.0	183945.1	-5050.7	10930	10.0	185340.0	-5007.7
10751	10.4	182538.4	-5017.3	10841	9.8	183951.1	-5054.0	10931	10.6	185342.0	-5031.9
10932	7.8	185348.0	-5029.5	11002	10.4	190358.9	-5051.4				
10933	10.6	185406.0	-5037.0	11003	9.2	190425.4	-5031.2				
10934	10.4	185407.0	-5003.2	11004	10.0	190428.9	-5021.9				
10935	10.0	185431.5	-5028.2	11005	9.6	190454.9	-5013.4				
10936	10.4	185435.0	-5041.9	11006	9.5	190501.9	-5002.0				
10937	9.8	185435.5	-5016.5	11007	10.6	190508.4	-5036.1				
10938	10.6	185438.0	-5016.9	11008	10.2	190520.7	-5058.8				
10939	8.9	185438.0	-5030.9	11009	10.6	190525.4	-5034.3				
10940	10.6	185452.0	-5012.6	11010	9.5	190527.9	-5012.0				
10941	8.9	185453.0	-5043.0	11011	9.3	190532.4	-5026.8				
10942	8.6	185510.0	-5030.8	11012	10.0	190550.9	-5017.8				
10943	10.6	185510.0	-5026.7	11013	9.8	190603.4	-5017.9				
10944	10.0	185540.0	-5030.2	11014	9.0	190627.4	-5024.0				
10945	10.2	185550.5	-5023.6	11015	8.0	190627.4	-5051.1				
10946	9.8	185552.0	-5041.2	11016	10.6	190630.4	-5054.4				
10947	9.8	185558.0	-5026.1	11017	9.6	190635.4	-5004.3				
10948	10.6	185614.5	-5058.1	11018	10.6	190641.9	-5054.3				
10949	9.6	185617.0	-5023.8	11019	9.8	190646.9	-5020.0				
10950	10.6	185639.0	-5036.8	11020	9.6	190657.9	-5032.0				
10951	10.6	185642.0	-5054.7	11021	7.7	190710.4	-5012.0				

-5011022 19h07m

-5011381 20h22m

11022	9.8	190724.4	-5046.5	11112	9.4	192334.6	-5009.9	11202	9.4	194045.0	-5013.6
11023	10.0	190755.4	-5012.5	11113	9.4	192338.1	-5010.1	11203	9.6	194106.0	-5037.8
11024	9.6	190804.9	-5022.6	11114	9.4	192350.6	-5012.1	11204	9.7	194139.5	-5028.0
11025	10.6	190810.4	-5020.5	11115	9.8	192359.1	-5049.3	11205	9.2	194222.5	-5008.1
11026	10.0	190819.4	-5012.2	11116	9.6	192410.1	-5027.9	11206	9.2	194254.0	-5015.4
11027	9.8	190838.4	-5040.0	11117	10.2	192415.6	-5032.8	11207	9.6	194258.5	-5023.0
11028	10.0	190850.4	-5053.8	11118	10.0	192430.6	-5033.0	11208	8.6	194309.5	-5014.7
11029	10.2	190856.9	-5028.5	11119	8.4	192440.6	-5049.8	11209	9.8	194336.5	-5016.4
11030	8.9	190900.4	-5049.9	11120	10.1	192443.1	-5047.2	11210	9.7	194406.8	-5024.3
11031	10.2	190915.4	-5009.8	11121	10.0	192518.3	-5025.8	11211	9.2	194421.3	-5014.5
11032	10.2	190928.4	-5051.8	11122	9.8	192519.6	-5059.5	11212	9.2	194426.8	-5053.3
11033	10.0	191000.4	-5026.6	11123	10.2	192529.8	-5019.9	11213	8.6	194428.5	-5028.2
11034	9.8	191000.4	-5011.9	11124	7.5	192532.3	-5023.4	11214	9.6	194429.5	-5030.5
11035	8.7	191002.4	-5033.9	11125	10.1	192600.3	-5018.0	11215	9.6	194432.8	-5011.4
11036	9.8	191013.4	-5001.8	11126	9.4	192603.0	-5002.1	11216	8.8	194448.5	-5053.0
11037	9.8	191023.9	-5042.2	11127	8.8	192607.3	-5024.1	11217	9.4	194452.8	-5012.9
11038	10.6	191032.4	-5038.0	11128	9.2	192608.3	-5052.2	11218	9.4	194529.2	-5028.2
11039	10.2	191052.5	-5032.7	11129	8.6	192720.3	-5004.4	11219	9.6	194536.6	-5011.2
11040	10.0	191105.4	-5029.0	11130	9.7	192725.3	-5044.3	11220	9.0	194544.2	-5012.4
11041	10.4	191110.4	-5003.2	11131	10.2	192741.8	-5025.8	11221	10.8	194600.9	-5058.3
11042	10.6	191152.4	-5010.4	11132	10.1	192812.3	-5022.2	11222	10.8	194627.8	-5059.5
11043	9.0	191158.9	-5021.6	11133	9.2	192818.8	-5000.7	11223	10.2	194638.7	-5028.2
11044	9.8	191215.4	-5015.0	11134	9.2	192823.3	-5037.9	11224	10.4	194641.2	-5017.2
11045	9.5	191222.4	-5038.0	11135	9.4	192826.8	-5005.8	11225	8.7	194649.2	-5016.2
11046	10.6	191239.9	-5022.8	11136	9.4	192827.6	-5057.4	11226	10.8	194706.2	-5008.2
11047	10.6	191250.9	-5049.8	11137	8.2	192831.3	-5053.7	11227	10.8	194716.8	-5017.8
11048	9.0	191330.4	-5028.5	11138	8.8	192840.3	-5044.1	11228	8.6	194719.2	-5005.4
11049	9.8	191330.9	-5045.8	11139	9.7	192902.5	-5002.0	11229	10.4	194723.7	-5008.4
11050	8.6	191339.4	-5016.8	11140	9.0	192924.8	-5039.3	11230	9.2	194759.2	-5047.7
11051	8.3	191342.9	-5055.3	11141	9.7	192935.8	-5021.6	11231	9.2	194802.2	-5040.8
11052	9.8	191349.1	-5053.0	11142	10.2	192940.3	-5044.0	11232	10.6	194809.2	-5023.3
11053	9.8	191417.9	-5009.6	11143	9.2	192942.3	-5008.1	11233	10.8	194836.7	-5020.7
11054	10.6	191421.9	-5022.0	11144	10.0	192944.5	-5057.0	11234	10.4	194839.2	-5047.0
11055	10.6	191435.4	-5025.6	11145	9.8	192946.8	-5018.1	11235	10.8	194851.7	-5025.0
11056	10.2	191441.3	-5057.6	11146	10.2	193001.3	-5008.1	11236	10.0	194859.2	-5053.7
11057	10.4	191445.9	-5001.5	11147	9.4	193019.3	-5015.2	11237	9.7	194910.2	-5017.3
11058	10.4	191450.6	-5023.0	11148	8.0	193035.8	-5013.7	11238	9.0	194916.7	-5054.3
11059	10.2	191457.9	-5025.7	11149	9.4	193045.3	-5043.7	11239	10.4	194917.2	-5030.5
11060	9.7	191510.3	-5046.9	11150	10.1	193059.8	-5029.9	11240	10.8	194938.8	-5017.7
11061	9.7	191510.3	-5040.2	11151	10.2	193100.3	-5042.8	11241	10.0	195015.2	-5046.5
11062	9.7	191519.1	-5000.9	11152	9.4	193137.8	-5031.8	11242	9.7	195017.7	-5017.5
11063	9.8	191540.8	-5033.6	11153	9.2	193152.3	-5042.2	11243	9.0	195027.7	-5037.7
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11471 9.8 204907.9 -5051.2	11561 10.2 212221.6 -5033.2	11651 9.8 215857.7 -5054.0	11741 10.0 223701.6 -5011.8

-5011742 22h37m

-51 196 1h19m

11742	9.4	223718.6	-5041.5	11832	10.2	232823.2	-5034.0	17	10.4	00410.6	-5131.6
11743	9.4	223719.1	-5026.2	11833	9.5	232838.7	-5053.8	18	10.4	00411.6	-5158.0
11744	10.4	223753.1	-5031.0	11834	10.2	232900.7	-5046.0	19	9.1	00424.6	-5139.9
11745	9.8	223846.6	-5020.0	11835	9.4	232915.7	-5021.5	20	9.8	00519.6	-5121.3
11746	7.2	223858.0	-5020.0	11836	10.0	232921.7	-5028.5	21	10.4	00526.1	-5152.1
11747	8.7	223911.5	-5020.9	11837	9.5	233014.7	-5058.2	22	8.8	00601.3	-5123.7
11748	9.6	223928.0	-5050.8	11838	10.2	233159.2	-5044.9	23	9.8	00712.3	-5146.1
11749	9.4	223958.5	-5050.1	11839	10.2	233228.7	-5045.6	24	10.2	00738.3	-5132.0
11750	9.2	224124.7	-5057.4	11840	9.5	233233.7	-5019.5	25	10.4	00748.3	-5143.1
11751	10.4	224144.5	-5052.9	11841	9.5	233306.2	-5034.2	26	10.4	00824.3	-5119.9
11752	10.4	224205.5	-5029.6	11842	9.6	233358.7	-5053.9	27	9.8	00907.3	-5124.1
11753	10.4	224220.0	-5015.6	11843	10.0	233404.7	-5029.0	28	9.6	00916.8	-5100.1
11754	9.4	224244.5	-5029.6	11844	9.5	233419.7	-5008.0	29	10.4	00918.3	-5125.4
11755	10.4	224421.5	-5051.0	11845	9.4	233434.2	-5013.7	30	9.4	01205.3	-5110.6
11756	10.4	224439.0	-5037.2	11846	10.2	233458.7	-5007.0	31	10.2	01210.3	-5114.3
11757	10.4	224532.0	-5030.6	11847	9.4	233513.0	-5057.4	32	10.4	01254.3	-5137.8
11758	8.7	224542.8	-5013.6	11848	10.0	233530.7	-5026.9	33	10.2	01309.8	-5121.5
11759	10.2	224551.4	-5059.7	11849	10.0	233557.8	-5000.8	34	8.0	01325.2	-5107.4
11760	8.2	224639.1	-5012.1	11850	9.8	233608.2	-5002.4	35	10.4	01338.8	-5152.8
11761	10.2	224851.1	-5033.3	11851	9.4	233820.7	-5055.3	36	10.4	01344.8	-5103.2
11762	10.4	224906.1	-5006.7	11852	9.0	233929.2	-5037.9	37	9.7	01421.8	-5107.3
11763	9.8	224926.6	-5046.0	11853	10.2	233950.2	-5011.0	38	10.4	01454.5	-5138.0
11764	10.4	224946.1	-5013.5	11854	10.0	233952.2	-5005.0	39	10.4	01551.0	-5144.2
11765	9.6	225222.1	-5031.0	11855	10.2	233953.7	-5007.7	40	7.2	01613.6	-5141.2
11766	9.8	225300.6	-5029.6	11856	10.2	234014.2	-5007.8	41	10.0	01625.1	-5128.5
11767	9.6	225316.6	-5055.1	11857	10.2	234022.7	-5022.8	42	10.4	01641.1	-5138.3
11768	6.9	225329.1	-5007.3	11858	4.5	234037.7	-5055.1	43	10.4	01703.1	-5134.2
11769	10.2	225333.6	-5004.5	11859	8.8	234045.7	-5018.0	44	8.2	01703.6	-5114.5
11770	10.2	225352.6	-5018.7	11860	9.6	234122.2	-5038.4	45	10.4	01729.1	-5141.6
11771	9.4	225504.1	-5032.1	11861	10.2	234126.2	-5016.7	46	10.4	01807.1	-5129.0
11772	7.8	225512.3	-5021.7	11862	9.4	234259.6	-5057.4	47	10.0	01821.6	-5100.1
11773	10.4	225525.3	-5028.8	11863	10.0	234308.7	-5034.1	48	7.2	01833.1	-5143.7
11774	10.0	225529.8	-5010.9	11864	9.6	234318.7	-5037.5	49	10.4	01839.6	-5147.3
11775	10.4	225629.3	-5038.0	11865	10.2	234337.7	-5048.3	50	9.8	01919.6	-5109.2
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11778	10.4	225844.8	-5006.0	11868	9.8	234538.5	-5008.7	53	8.2	01938.6	-5131.8
11779	9.6	225901.8	-5039.0	11869	9.8	234630.5	-5009.8	54	9.2	01938.6	-5132.1
11780	10.2	225953.8	-5023.7	11870	10.4	234636.8	-5058.5	55	8.4	01957.6	-5104.5
11781	9.6	225955.8	-5030.9	11871	10.0	234657.3	-5048.7	56	9.5	02100.6	-5122.3
11782	7.2	225957.3	-5016.8	11872	9.7	234702.3	-5014.8	57	8.4	02136.6	-5126.3
11783	8.8	230001.8	-5028.2	11873	7.8	234706.8	-5007.7	58	9.5	02146.6	-5118.0
11784	9.6	230147.3	-5055.7	11874	10.2	234707.3	-5027.6	59	9.3	02152.6	-5108.1
11785	9.8	230158.8	-5010.5	11875	9.4	234708.3	-5029.5	60	8.8	02214.6	-5119.1
11786	9.6	230306.3	-5056.8	11876	8.5	234716.3	-5041.7	61	10.4	02227.6	-5139.3
11787	10.4	230451.8	-5045.0	11877	10.4	234809.3	-5027.3	62	10.4	02228.1	-5131.3
11788	7.3	230607.5	-5017.8	11878	10.4	234839.3	-5040.1	63	6.8	02239.6	-5113.4
11789	10.4	230630.5	-5017.5	11879	7.6	234852.3	-5048.6	64	10.4	02239.6	-5102.7
11790	9.8	230651.5	-5042.8	11880	9.9	234927.8	-5057.7	65	10.0	02254.6	-5110.5
11791	10.0	230710.3	-5001.5	11881	9.2	234930.3	-5048.0	66	8.5	02306.1	-5117.9
11792	10.0	230710.5	-5001.1	11882	10.2	234932.3	-5027.2	67	9.0	02337.6	-5134.1
11793	9.8	230800.5	-5011.4	11883	9.0	234957.3	-5028.8	68	10.3	02338.6	-5116.9
11794	10.4	230841.0	-5049.0	11884	9.0	235006.6	-5059.8	69	8.4	02349.6	-5123.4
11795	10.0	230849.5	-5056.6	11885	10.4	235034.3	-5012.0	70	9.4	02453.1	-5132.1
11796	9.2	230857.5	-5031.8	11886	10.4	235046.3	-5055.7	71	10.4	02455.1	-5123.8
11797	10.0	230910.5	-5017.4	11887	10.0	235058.3	-5052.2	72	10.4	02459.6	-5121.7
11798	10.4	231045.5	-5005.3	11888	10.4	235108.3	-5050.1	73	8.8	02507.6	-5155.1
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11801	5.9	231347.7	-5059.3	11891	8.6	235311.3	-5031.5	76	10.2	02715.6	-5106.6
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11803	10.0	231440.8	-5009.8	11893	10.4	235414.3	-5049.1	78	10.0	02731.6	-5102.6
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11807	8.6	231544.2	-5002.2	11897	10.2	235442.1	-5000.5	82	9.5	02914.6	-5101.5
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11825	9.5	232345.2	-5051.1	10	10.2	00201.6	-5154.4	100	10.3	03405.9	-5108.1
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122	10.3	04059.4	-5149.6								
123	10.3	04115.9	-5135.6								
124	9.6	04126.4	-5154.9								
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155	10.2	05701.3	-5138.8								
156	10.3	05717.8	-5114.2								
157	9.6	05740.8	-5121.2								
158	10.2	05842.8	-5105.2								
159	10.2	05848.8	-5132.2								
160	10.3	05849.8	-5110.0								
161	8.7	05951.3	-5118.0								
162	8.6	10114.8	-5139.5								
163	9.8	10159.3	-5151.6								
164	9.6	10213.3	-5148.6								
165	9.8	10341.3	-5124.4								
166	8.9	10341.8	-5130.2								
167	10.2	10351.3	-5127.6								
168	9.6	10402.8	-5104.2								
169	9.6	10427.3	-5138.4								
170	9.6	10501.8	-5123.7								
171	10.3	10504.8	-5110.0								
172	9.0	10538.3	-5130.2								
173	10.2	10607.3	-5124.1								
174	9.6	10619.3	-5121.0								
175	8.8	10629.3	-5115.2								
176	10.2	10728.3	-5133.8								
177	10.2	10742.8	-5128.4								
178	8.2	10821.3	-5119.3								
179	8.4	10825.8	-5118.9								
180	8.0	10900.3	-5104.8								
181	9.6	11027.8	-5149.4								
182	9.9	11155.8	-5139.5								
183	9.4	11201.8	-5159.2								
184	7.9	11223.8	-5141.6								
185	9.8	11300.5	-5110.0								
186	9.6	11428.6	-5126.0								
187	9.9	11430.3	-5135.2								
188	10.4	11518.3	-5144.1								
189	6.8	11610.3	-5135.5								
190	10.2	11634.8	-5136.4								
191	11.0	11712.3	-5103.0								
192	10.6	11757.8	-5111.3								
193	10.2	11908.8	-5152.1								
194	10.6	11939.3	-5127.6								
195	10.6	11949.3	-5111.5								
196	9.2	11949.3	-5146.2								

197	10.2	12000.8	-5129.1	287	10.0	20842.9	-5118.5	377	9.2	30602.9	-5147.7
198	8.8	12010.8	-5155.7	288	10.2	20842.9	-5127.3	378	7.4	30610.4	-5118.4
199	11.2	12120.3	-5128.1	289	10.5	21004.6	-5100.0	379	8.6	30650.4	-5113.2
200	10.4	12227.8	-5132.9	290	10.4	21012.5	-5114.8	380	9.6	30653.4	-5110.6
201	10.6	12230.3	-5113.9	291	9.6	21040.0	-5130.6	381	9.5	30706.9	-5117.2
202	11.0	12239.3	-5113.7	292	10.5	21043.5	-5106.8	382	9.2	30802.4	-5128.6
203	10.6	12301.3	-5117.3	293	10.1	21046.5	-5111.6	383	9.9	30911.6	-5159.9
204	10.8	12348.3	-5113.5	294	8.3	21055.5	-5128.0	384	8.2	30921.4	-5134.2
205	9.8	12402.8	-5125.3	295	10.5	21117.5	-5155.8	385	9.0	30928.4	-5148.4
206	9.2	12421.8	-5104.9	296	9.1	21129.5	-5103.5	386	7.6	31100.7	-5101.0
207	10.6	12450.3	-5130.2	297	8.6	21130.0	-5121.0	387	9.9	31150.2	-5125.6
208	9.8	12458.3	-5145.2	298	9.0	21205.9	-5100.3	388	8.9	31309.9	-5106.7
209	7.4	12554.8	-5151.5	299	9.2	21306.2	-5116.3	389	9.7	31440.0	-5159.6
210	10.6	12627.8	-5144.7	300	8.6	21331.7	-5123.9	390	7.6	31449.7	-5145.0
211	9.6	12638.3	-5153.6	301	8.4	21506.5	-5121.1	391	9.7	31523.9	-5138.3
212	7.8	12650.3	-5112.6	302	9.0	21513.0	-5141.3	392	7.9	31531.1	-5119.7
213	10.6	12654.8	-5115.6	303	8.8	21622.3	-5127.5	393	8.8	31541.1	-5100.1
214	10.0	12706.3	-5127.6	304	9.1	21657.5	-5116.1	394	9.3	31802.6	-5117.6
215	11.2	12724.8	-5139.3	305	9.4	21749.0	-5135.3	395	8.6	31817.6	-5126.2
216	10.2	12739.8	-5142.1	306	7.0	21831.0	-5139.7	396	9.2	31819.6	-5135.7
217	11.2	12810.8	-5114.7	307	9.1	21836.5	-5155.0	397	9.6	31841.4	-5159.6
218	8.1	12837.3	-5102.6	308	9.4	22001.0	-5132.7	398	9.4	31847.6	-5123.2
219	8.2	12929.3	-5145.5	309	8.8	22103.5	-5135.8	399	7.6	31910.6	-5145.5
220	10.2	12937.8	-5151.5	310	10.0	22148.5	-5158.3	400	9.2	31927.6	-5136.3
221	10.4	12949.8	-5122.8	311	10.0	22204.5	-5134.0	401	9.6	32029.6	-5107.5
222	11.2	13131.3	-5151.2	312	8.7	22421.5	-5151.9	402	9.4	32044.1	-5103.1
223	10.8	13132.3	-5134.0	313	8.4	22532.5	-5117.3	403	9.0	32053.6	-5107.4
224	11.2	13136.1	-5101.8	314	7.6	22606.5	-5155.9	404	6.8	32053.6	-5130.3
225	10.0	13235.3	-5141.0	315	9.8	22620.5	-5120.1	405	9.0	32058.1	-5113.2
226	10.0	13350.8	-5146.1	316	9.0	22629.5	-5159.7	406	9.7	32107.1	-5123.5
227	10.8	13404.3	-5129.0	317	8.7	22740.0	-5134.7	407	9.4	32136.6	-5132.1
228	10.0	13640.3	-5109.7	318	10.0	22804.8	-5103.3	408	9.4	32142.6	-5130.2
229	9.8	13650.8	-5135.9	319	8.9	22815.8	-5150.3	409	8.2	32213.6	-5114.4
230	11.2	13757.3	-5110.4	320	10.0	22915.3	-5123.6	410	9.3	32223.6	-5116.1
231	9.8	13848.3	-5120.7	321	7.0	22938.8	-5138.5	411	8.6	32254.1	-5104.9
232	8.4	13849.8	-5116.2	322	9.0	22944.8	-5140.4	412	8.2	32323.4	-5104.8
233	8.0	13943.8	-5138.9	323	7.8	23115.3	-5123.9	413	9.0	32438.2	-5157.7
234	10.2	14102.3	-5138.3	324	9.9	23206.8	-5106.3	414	9.6	32540.4	-5120.3
235	6.6	14111.8	-5126.4	325	9.9	23406.3	-5103.3	415	9.3	32741.4	-5145.3
236	10.6	14140.3	-5132.8	326	9.8	23645.3	-5138.1	416	9.0	32743.4	-5158.0
237	11.2	14150.8	-5103.7	327	8.2	23653.6	-5158.9	417	9.7	32829.6	-5114.9
238	11.2	14209.3	-5123.1	328	9.4	23708.3	-5152.7	418	8.2	32829.9	-5114.5
239	11.2	14212.8	-5123.4	329	9.8	23749.8	-5131.7	419	9.4	32837.9	-5147.2
240	10.4	14305.8	-5128.4	330	6.8	23818.8	-5120.4	420	9.6	32905.4	-5112.3
241	10.6	14307.8	-5153.0	331	9.4	23836.3	-5102.7	421	9.7	32943.4	-5127.1
242	11.2	14331.3	-5107.8	332	10.0	23901.3	-5139.4	422	9.6	33041.4	-5102.2
243	10.8	14340.8	-5157.9	333	9.0	24315.3	-5158.7	423	8.5	33056.4	-5123.3
244	11.2	14347.8	-5130.1	334	9.4	24340.3	-5136.4	424	9.4	33154.4	-5151.8
245	6.8	14359.6	-5106.4	335	9.3	24357.1	-5145.4	425	8.2	33234.9	-5137.3
246	11.2	14520.3	-5104.4	336	8.6	24420.1	-5133.7	426	9.7	33344.4	-5113.4
247	11.2	14535.3	-5159.9	337	9.8	24504.3	-5117.3	427	9.0	33344.9	-5109.0
248	11.2	14536.9	-5142.4	338	10.0	24552.0	-5154.0	428	9.4	33402.9	-5133.9
249	8.8	14606.0	-5117.0	339	9.2	24612.9	-5103.2	429	9.0	33427.4	-5122.0
250	10.5	14810.9	-5126.0	340	9.2	24706.4	-5150.8	430	9.7	33442.9	-5143.6
251	9.0	14818.9	-5133.6	341	8.6	24744.8	-5159.9	431	9.6	33500.9	-5143.6
252	10.4	14820.9	-5105.6	342	9.4	24854.9	-5149.6	432	9.6	33502.9	-5110.5
253	10.5	14823.1	-5100.9	343	9.6	24924.9	-5102.9	433	9.7	33528.4	-5142.4
254	9.1	14851.9	-5128.6	344	9.9	24944.3	-5102.7	434	8.8	33541.4	-5152.6
255	9.1	14946.4	-5114.2	345	7.2	25003.9	-5122.7	435	8.9	33638.4	-5134.0
256	10.5	15021.9	-5149.6	346	8.0	25006.9	-5121.3	436	9.6	33712.4	-5125.6
257	9.0	15156.9	-5105.0	347	9.2	25050.4	-5142.1	437	9.2	33714.9	-5150.9
258	10.4	15219.9	-5107.8	348	7.9	25127.4	-5145.9	438	8.8	33813.9	-5149.6
259	10.4	15310.4	-5113.1	349	9.6	25316.9	-5143.7	439	9.6	33829.4	-5123.7
260	10.4	15316.4	-5107.3	350	9.9	25330.4	-5101.4	440	9.4	33838.4	-5100.0
261	9.1	15336.4	-5132.5	351	9.9	25352.9	-5147.6	441	7.6	33848.4	-5111.6
262	9.8	15352.4	-5102.9	352	9.2	25437.9	-5102.2	442	8.2	33911.4	-5141.1
263	10.3	15433.4	-5156.2	353	9.7	25644.4	-5124.2	443	7.2	33928.4	-5103.3
264	8.7	15505.9	-5110.4	354	9.5	25651.9	-5108.2	444	8.9	34034.4	-5120.3
265	10.5	15542.2	-5158.6	355	9.9	25717.4	-5128.0	445	9.7	34042.1	-5159.2
266	8.2	15733.4	-5105.8	356	9.9	25721.4	-5132.0	446	8.7	34131.4	-5142.5
267	9.6	15740.9	-5120.6	357	7.8	25955.4	-5154.0	447	7.9	34142.4	-5139.0
268	10.0	15831.4	-5124.0	358	9.5	30001.9	-5113.0	448	9.6	34212.9	-5116.5
269	10.4	15918.4	-5143.9	359	9.8	30008.4	-5106.9	449	9.6	34332.4	-5111.5
270	9.0	15940.4	-5145.0	360	9.0	30020.4	-5134.5	450	8.5	34337.7	-5101.5
271	9.0	20003.9	-5104.2	361	7.4	30038.4	-5148.7	451	7.3	34347.6	-5108.7
272	9.5	20007.9	-5124.7	362	9.9	30040.3	-5139.5	452	9.8	34444.8	-5122.0
273	9.5	20027.9	-5128.8	363	8.4	30042.4	-5148.4	453	9.4	34534.3	-5146.6
274	10.0	20100.9	-5136.0	364	9.0	30046.4	-5114.0	454	9.2	34536.1	-5148.4
275	8.2	20221.9	-5114.1	365	9.2	30059.3	-5157.0	455	9.7	34619.6	-5136.3
276	10.5	20223.4	-5142.7	366	9.4	30110.9	-5139.0	456	8.7	34705.1	-5123.9
277	10.5	20233.9	-5134.2	367	9.7	30141.4	-5139.9	457	9.8	34749.3	-5153.0
278	10.5	20331.9	-5156.3	368	9.2	30158.4	-5123.2	458	9.8	34757.8	-5113.9
279	10.3	20333.4	-5137.6	369	8.5	30236.4	-5101.3	459	9.4	35115.3	-5121.3
280	10.4	20457.4	-5103.4	370	9.2	30246.4	-5136.0	460	8.7	35128.8	-5105.9
281	10.4	20526.4	-5151.2	371	8.4	30328.4	-5156.4	461	9.8	35136.3	-5142.0
282	7.1	20526.4	-5126.0	372	9.9	30333.4	-5130.0	462	9.9	35220.3	-5150.1
283	10.2	20640.4	-5105.6	373	9.8	30337.3	-5118.6	463	9.9	35235.3	-5155.5
284	9.8	20643.4	-5108.6	374	9.7	30414.4	-5146.8	464	9.9	35305.8	-5132.2
285	10.2	20744.9	-5146.6	375	9.0	30502.9	-5112.1	465	9.6	35328.3	-5121.8
286	9.8	20801.9	-5122.4	376	9.4	30536.4	-5136.3	466	9.6	35328.8	-5134.5
467	9.9	35413.3	-5111.0
468	9.8	35503.8	-5117.8
469	9.9	35512.3	-5141.4
470	9.9	35525.0	-5101.7
471	8.7	35526.3	-5131.8
472	8.2	35528.3	-5126.6
473	9.8	35532.3	-5153.6
474	9.4	35539.3	-5122.4
475	9.4	35600.3	-5139.4
476	9.2	35602.8	-5111.0
477	9.4	35635.3	-5138.0
478	9.8	35638.8	-5127.8
479	9.6	35644.8	-5143.2
480	7.6	35654.3	-5155.1
481	9.4	35656.3	-5136.1
482	8.7	35707.3	-5140.6
483	9.8	35711.8	-5109.0
484	9.8	35725.8	-5147.0
485	8.7	35805.3	-5118.4
486	9.9	35824.3	-5112.0
487	9.8	35843.8	-5140.6
488	9.1	35851.8	-5104.3
489	9.7	35920.3	-5148.2
490	9.1	35933.3	-5150.6
491	8.0	35943.5	-5159.5
492	9.8	40001.8	-5146.6
493	9.7	40013.8	-5103.4
494	9.8	40111.8	-5127.9
495	9.8	40136.8	-5109.9
496	8.0	40158.8	-5142.7
497	9.9	40216.8	-5103.7
498	9.3	40344.8	-5136.8
499	9.7	40346.9	-5125.1
500	9.9	40450.9	-5151.8
501	9.9	40451.8	-5133.1
502	8.7	40503.3	-5140.7
503	9.4	40516.8	-5154.0
504	9.9	40525.3	-5148.3
505	9.3	40543.3	-5129.1
506	9.4	40615.8	-5150.6
507	9.2	40626.8	-5154.7
508	9.9	40629.9	-5134.0
509	9.7	40638.3	-5155.1
510	9.4	40638.8	-5138.7
511	9.8	40639.8	-5134.8
512	9.9	40656.3	-5134.3
513	9.4	40706.3	-5120.1
514	9.2	40832.8	-5155.5
515	9.7	40836.3	-5124.3
516	9.8	40839.3	-5107.5
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518	9.6	40946.3	-5129.9
519	9.6	41030.8	-5106.8
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521	9.9	41114.1	-5101.2
522	9.0	41154.3	-5108.8
523	9.7	41206.8	-5133.1
524	5.0	41245.3	-5148.1
525	9.4	41248.3	-5156.2
526	9.4	41313.8	-5142.5
527	9.4	41314.8	-5110.0
528	8.4	41325.3	-5154.7
529	9.2	41337.7	-5137.1
530	9.1	41602.2	-5121.0
531	8.1	41621.6	-5115.4
532	9.4	41642.6	-5110.7
533	7.6	41740.1	-5120.4
534	9.1	41849.1	-5147.2
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536	9.6	41927.1	-5104.5
537	8.8	42009.6	-5118.9
538	8.0	42148.1	-5111.5
539	9.6	42156.1	-5122.8
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542	9.0	42243.1	-5158.1
543	9.8	42259.1	-5128.2
544	8.8	42315.1	-5121.1
545	9.4	42318.6	-5119.3
546	8.3	42423.1	-5134.3
547	9.6	42547.9	-5159.0
548	9.0	42556.1	-5127.2
549	8.8	42557.1	-5124.6
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-51 557 4h29m

-51 916 6h24m

557 9.4 42959.0 -5117.0	647 9.5 50403.3 -5154.8	737 9.0 53243.9 -5148.6	827 9.3 60029.5 -5106.9
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573 9.0 43633.5 -5154.2	663 9.6 51010.6 -5135.5	753 10.2 53709.7 -5149.1	843 9.7 60438.5 -5137.3
574 9.4 43644.0 -5121.6	664 10.2 51047.1 -5110.5	754 10.2 53737.2 -5110.7	844 8.9 60502.0 -5140.0
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576 9.4 43711.5 -5146.6	666 10.4 51130.6 -5136.8	756 9.4 53808.2 -5155.0	846 10.0 60520.7 -5119.2
577 9.2 43812.0 -5140.7	667 10.2 51132.6 -5151.4	757 10.2 53818.7 -5110.7	847 9.5 60552.2 -5149.1
578 9.7 43814.0 -5132.4	668 9.6 51156.1 -5142.5	758 10.0 53823.2 -5126.7	848 9.7 60559.7 -5147.3
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585 7.9 44141.5 -5130.2	675 10.2 51342.9 -5131.5	765 9.6 54204.6 -5159.7	855 8.5 60714.7 -5112.2
586 9.0 44159.0 -5131.6	676 8.8 51422.9 -5158.3	766 8.6 54212.9 -5100.1	856 9.6 60830.1 -5124.7
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605 10.2 45109.3 -5133.2	695 7.6 51827.6 -5141.8	785 10.0 54839.6 -5103.3	875 10.0 61149.5 -5145.5
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616 10.2 45508.8 -5150.8	706 9.8 52047.6 -5152.4	796 10.0 55116.4 -5134.5	886 10.0 61432.3 -5103.0
617 10.4 45518.3 -5138.4	707 9.4 52136.4 -5102.3	797 8.9 55127.4 -5151.9	887 9.0 61448.5 -5125.3
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619 10.4 45523.8 -5141.2	709 10.2 52151.7 -5100.4	799 10.0 55227.4 -5129.7	889 8.2 61453.5 -5113.4
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626 10.4 45755.6 -5159.4	716 10.0 52521.9 -5111.4	806 9.5 55408.3 -5102.1	896 10.1 61809.7 -5159.7
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635 10.0 50131.1 -5156.2	725 8.8 52744.4 -5124.1	815 9.5 55731.6 -5119.7	905 9.6 62118.0 -5128.9
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642 10.2 50332.9 -5158.0	732 10.1 53121.4 -5151.0	822 9.8 55859.3 -5105.4	912 10.2 62339.0 -5151.4
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917	10.2	62501.3	-5157.9	1007	10.2	64900.8	-5156.0	1097	10.0	70628.1	-5110.8
918	9.0	62534.8	-5113.5	1008	10.2	64905.8	-5158.0	1098	9.0	70721.6	-5115.2
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920	9.5	62648.5	-5157.3	1010	9.6	64914.3	-5123.2	1100	9.8	70801.6	-5114.6
921	10.2	62650.8	-5109.1	1011	9.8	64941.3	-5128.2	1101	9.6	70806.6	-5145.1
922	10.2	62659.8	-5102.4	1012	8.8	64946.3	-5136.9	1102	9.8	70824.6	-5119.0
923	10.2	62727.8	-5112.2	1013	8.3	65016.8	-5143.7	1103	9.4	70829.6	-5148.5
924	9.8	62733.8	-5126.1	1014	10.2	65043.8	-5105.9	1104	9.6	70834.1	-5120.6
925	9.5	62741.3	-5143.9	1015	9.4	65045.3	-5120.8	1105	8.2	70835.1	-5105.4
926	10.1	62800.8	-5146.8	1016	8.1	65050.3	-5116.5	1106	8.2	70851.6	-5148.6
927	9.8	62809.8	-5133.6	1017	8.8	65053.3	-5152.6	1107	9.6	70938.1	-5118.1
928	9.4	62820.8	-5155.3	1018	10.2	65058.3	-5104.3	1108	7.3	70938.8	-5100.8
929	6.3	62823.3	-5144.3	1019	8.3	65136.8	-5131.7	1109	9.6	70940.6	-5132.0
930	9.4	62837.8	-5154.9	1020	10.2	65142.3	-5103.9	1110	8.8	71003.1	-5102.7
931	9.5	62839.3	-5113.9	1021	9.8	65151.3	-5134.0	1111	10.2	71028.6	-5132.2
932	8.5	62840.8	-5150.0	1022	9.4	65245.8	-5120.3	1112	10.0	71032.6	-5119.3
933	9.8	62844.8	-5101.1	1023	9.4	65250.3	-5147.5	1113	10.2	71037.1	-5127.2
934	10.1	62855.8	-5112.6	1024	8.6	65250.8	-5114.7	1114	9.0	71039.1	-5136.6
935	8.8	62911.8	-5137.2	1025	9.6	65254.3	-5155.3	1115	9.0	71040.1	-5105.6
936	10.1	62913.3	-5133.5	1026	10.2	65311.6	-5140.3	1116	10.2	71050.6	-5106.3
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938	10.2	62930.3	-5130.3	1028	10.0	65337.8	-5108.0	1118	10.2	71059.1	-5103.2
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940	9.6	63010.6	-5149.5	1030	9.2	65427.9	-5144.9	1120	9.0	71128.6	-5123.6
941	9.2	63015.1	-5131.4	1031	10.0	65436.4	-5142.0	1121	8.6	71134.1	-5159.1
942	10.2	63018.1	-5107.5	1032	10.2	65449.4	-5140.0	1122	10.2	71205.6	-5139.2
943	10.1	63054.1	-5134.0	1033	9.2	65501.4	-5154.7	1123	9.8	71209.6	-5152.7
944	9.8	63117.1	-5148.1	1034	9.8	65539.9	-5130.2	1124	10.2	71219.1	-5122.0
945	9.6	63121.6	-5154.5	1035	8.9	65602.4	-5131.1	1125	10.0	71223.1	-5141.2
946	8.6	63137.6	-5134.7	1036	9.6	65617.9	-5151.7	1126	9.2	71227.1	-5140.5
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948	10.2	63230.6	-5108.8	1038	10.0	65729.4	-5109.2	1128	9.6	71245.6	-5118.8
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950	10.2	63319.6	-5111.2	1040	10.2	65732.4	-5127.5	1130	9.0	71300.1	-5147.2
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954	8.1	63343.1	-5119.3	1044	10.2	65752.4	-5116.8	1134	9.0	71321.6	-5123.0
955	8.6	63409.9	-5154.6	1045	10.2	65753.4	-5114.6	1135	10.0	71336.6	-5136.7
956	9.0	63415.4	-5134.9	1046	8.3	65802.4	-5151.6	1136	8.8	71346.4	-5122.3
957	9.2	63419.4	-5155.5	1047	9.6	65806.2	-5159.0	1137	10.2	71356.9	-5141.5
958	9.5	63432.9	-5126.2	1048	9.8	65809.4	-5125.6	1138	10.2	71359.2	-5100.2
959	9.5	63515.9	-5124.6	1049	10.2	65809.9	-5138.6	1139	9.6	71419.7	-5155.2
960	10.1	63536.9	-5151.8	1050	10.2	65813.9	-5139.3	1140	10.2	71443.1	-5103.8
961	10.2	63538.9	-5106.3	1051	10.2	65819.6	-5151.9	1141	7.9	71507.9	-5148.2
962	9.0	63542.4	-5148.5	1052	10.2	65832.6	-5115.1	1142	9.8	71508.4	-5155.4
963	10.0	63542.4	-5157.0	1053	10.2	65835.6	-5118.5	1143	9.4	71509.2	-5106.2
964	9.4	63631.4	-5119.9	1054	10.0	65858.1	-5136.5	1144	10.2	71513.1	-5152.7
965	9.4	63646.9	-5119.0	1055	8.8	65919.6	-5152.3	1145	10.2	71514.1	-5106.9
966	10.2	63709.9	-5158.4	1056	8.9	65932.6	-5116.9	1146	9.3	71532.1	-5146.9
967	10.1	63712.4	-5107.4	1057	9.8	65953.6	-5117.3	1147	10.0	71536.1	-5156.2
968	9.6	63725.4	-5130.5	1058	10.0	70004.6	-5116.7	1148	9.3	71540.1	-5134.5
969	8.4	63747.9	-5132.7	1059	9.6	70026.6	-5101.5	1149	10.0	71557.2	-5106.9
970	9.5	63751.4	-5108.9	1060	8.9	70032.6	-5155.5	1150	10.0	71610.2	-5147.0
971	9.6	63802.4	-5148.3	1061	9.2	70037.6	-5116.8	1151	10.0	71618.4	-5127.8
972	9.5	63807.4	-5159.3	1062	9.8	70040.6	-5133.8	1152	10.0	71628.9	-5149.9
973	10.1	63821.9	-5123.3	1063	8.9	70050.1	-5141.1	1153	10.0	71653.9	-5118.5
974	10.1	63822.4	-5122.0	1064	10.0	70057.8	-5158.6	1154	10.0	71711.4	-5125.9
975	10.2	63826.9	-5105.9	1065	8.9	70120.8	-5102.6	1155	9.6	71731.9	-5136.1
976	8.4	63909.2	-5138.1	1066	10.2	70206.1	-5140.9	1156	8.8	71733.4	-5157.8
977	9.6	63942.7	-5150.7	1067	10.2	70209.1	-5137.1	1157	5.8	71736.9	-5151.1
978	8.8	64008.7	-5140.4	1068	10.0	70210.1	-5112.4	1158	7.2	71737.2	-5157.8
979	8.4	64013.2	-5157.2	1069	8.4	70230.6	-5111.6	1159	7.2	71742.4	-5110.2
980	9.2	64036.2	-5113.6	1070	10.2	70230.6	-5141.2	1160	9.4	71755.9	-5103.2
981	9.6	64049.2	-5121.5	1071	9.6	70257.4	-5158.7	1161	9.2	71756.4	-5137.7
982	10.0	64102.2	-5110.7	1072	9.0	70308.6	-5122.6	1162	9.3	71808.9	-5104.9
983	9.2	64130.2	-5111.5	1073	8.6	70310.6	-5125.0	1163	9.4	71825.9	-5116.3
984	9.2	64150.2	-5128.3	1074	9.8	70311.1	-5142.3	1164	10.0	71828.9	-5103.3
985	7.9	64218.2	-5126.3	1075	9.8	70330.6	-5116.1	1165	10.0	71832.9	-5118.2
986	9.6	64228.0	-5159.6	1076	8.8	70340.6	-5106.6	1166	10.0	71855.4	-5134.4
987	9.6	64230.2	-5147.2	1077	8.8	70359.1	-5126.7	1167	9.2	71855.9	-5118.8
988	9.5	64239.2	-5122.9	1078	8.4	70405.1	-5126.5	1168	9.0	71906.9	-5114.9
989	9.6	64242.7	-5126.6	1079	6.9	70412.6	-5146.3	1169	9.4	71907.9	-5121.4
990	10.2	64300.2	-5112.5	1080	10.2	70420.1	-5150.4	1170	10.0	71926.4	-5137.9
991	7.8	64322.2	-5103.9	1081	9.8	70426.1	-5136.1	1171	10.0	72004.9	-5110.3
992	6.8	64351.9	-5107.5	1082	9.4	70428.1	-5130.3	1172	10.0	72008.9	-5152.1
993	9.5	64413.2	-5151.8	1083	10.2	70502.6	-5141.0	1173	9.0	72016.9	-5115.5
994	10.1	64431.4	-5109.9	1084	8.8	70503.1	-5145.7	1174	9.8	72051.4	-5128.3
995	10.2	64455.3	-5132.8	1085	9.8	70508.1	-5113.9	1175	10.0	72101.4	-5149.1
996	10.2	64520.3	-5140.9	1086	9.4	70512.6	-5109.5	1176	9.8	72136.4	-5156.1
997	8.8	64531.3	-5124.1	1087	10.2	70531.6	-5127.6	1177	9.6	72136.4	-5105.5
998	9.8	64548.8	-5104.9	1088	10.2	70538.1	-5129.9	1178	8.0	72140.4	-5113.6
999	7.7	64622.3	-5137.1	1089	9.2	70540.6	-5135.5	1179	9.4	72157.4	-5126.1
1000	9.8	64627.3	-5142.0	1090	9.8	70547.6	-5102.5	1180	10.0	72200.4	-5139.1
1001	10.0	64641.1	-5101.2	1091	8.8	70550.2	-5157.3	1181	10.0	72244.9	-5123.7
1002	9.2	64719.1	-5100.6	1092	10.2	70601.0	-5144.8	1182	9.0	72259.4	-5135.5
1003	10.2	64737.3	-5143.0	1093	9.8	70601.6	-5153.6	1183	8.8	72323.4	-5145.5
1004	10.2	64824.3	-5105.4	1094	10.0	70612.1	-5151.6	1184	10.0	72323.9	-5156.6
1005	10.2	64832.3	-5153.9	1095	8.2	70618.1	-5137.2	1185	9.0	72329.4	-5102.5
1006	8.9	64838.8	-5139.5	1096	10.2	70626.6	-5129.8	1186	10.0	72337.4	-5107.7
1187	9.8	72337.4	-5150.3								
1188	9.8	72339.9	-5155.7								
1189	10.0	72341.9	-5151.7								
1190	10.0	72413.8	-5100.8								
1191	7.6	72418.4	-5108.7								
1192	8.4	72426.9	-5106.2								
1193	10.0	72429.2	-5142.7								
1194	9.2	72438.7	-5109.1								
1195	7.8	72448.7	-5149.6								
1196	10.0	72508.7	-5126.1								
1197	9.0	72510.2	-5149.1								
1198	9.8	72516.2	-5117.4								
1199	10.0	72539.2	-5115.4								
1200	10.0	72549.2	-5109.5								
1201	9.3	72558.2	-5114.2								
1202	8.6	72602.2	-5132.2								
1203	10.0	72605.7	-5124.5								
1204	9.8	72605.9	-5114.7								
1205	10.0	72609.7	-5111.9								
1206	8.8	72609.7	-5123.8								
1207	8.7	72641.2	-5153.3								
1208	9.4	72648.2	-5104.4								
1209	9.2	72649.7	-5136.0								
1210	9.8	72652.5	-5157.4								
1211	9.0	72655.7	-5140.0								
1212	10.0	72725.7	-5130.4								
1213	8.7	72729.7	-5104.7								
1214	10.0	72737.7	-5123.6								
1215	9.2	72759.2	-5109.8								
1216	9.4	72817.2	-5158.5								
1217	9.2	72819.2	-5112.7								
1218	8.8	72822.2	-5120.2								
1219	9.0	72844.7	-5103.2								
1220	9.8	72929.2	-5138.6								
1221	9.6	72933.2	-5116.5								
1222	10.0	72936.7	-5147.9								
1223	8.6	72959.2	-5110.4								
1224	8.6	73001.2	-5126.8								
1225	9.8	73029.7	-5141.0								
1226	8.9	73032.2	-5112.5								
1227	10.0	73034.7	-5151.9								
1228	9.4	73038.2	-5151.4								
1229	10.0	73052.7	-5105.9								
1230	8.8	73058.7	-5127.4								
1231	9.2	73120.7	-5142.4								
1232	6.5	73127.7	-5112.0								
1233	9.4	73130.9	-5121.9								
1234	9.6	73156.9	-5134.9								
1235	9.4	73157.9	-5144.0								
1236	8.9	73217.4	-5142.5								
1237	8.6	73220.9	-5129.9								
1238	10.0	73230.9	-5105.6								
1239	9.8	73240.1	-5102.8								
1240	10.0	73313.7	-5158.1								
1241	8.8	73330.4	-5134.9								
1242	10.0	73333.4	-5140.1								
1243	10.0	73337.9	-5130.6								
1244	9.0	73401.9	-5123.6								
1245	10.0	73407.4	-5103.5								
1246	8.6	73419.4	-5108.3								
1247	7.6	73459.9	-5121.5								
1248	9.6	73516.9	-5147.2								
1249	9.8	73529.4	-5155.8								
1250	9.3	73529.9	-5144.0								
1251	10.0	73556.3	-5150.0								
1252	10.0	73614.4	-5156.0								
1253	10.0	73615.4	-5136.5								
1254	9.8	73629.4	-5106.2								
1255	9.8	73654.4	-5145.9								
1256	9.4	73713.4	-5138.8								
1257	10.0	73728.9	-5141.1								
1258	9.2	73729.9	-5135.2								
1259	9.4	73731.9	-5137.5								
1260	9.3	73735.4	-5138.9								
1261	9.2	73818.2	-5157.1								
1262	9.8	73909.4	-5109.9								
1263	9.6	73941.4	-5113.9								
1264	9.2	74003.4	-5138.6								
1265	10.0	74009.9	-5139.5								
1266	7.1	74010.9	-5152.2								
1267	9.6	74018.9	-5109.1								
1268	8.6	74038.4	-5154.4								
1269	8.4	74102.2	-5129.0								
1270	9.6	74102.2	-5127.0								
1271	8.7	74109.2	-5127.8								
1272	10.0	74110.2	-5146.6								
1273	10.0	74110.7	-5120.2								
1274	9.6	74121.0	-5102.8								
1275	9.8	74126.2	-5106.0								
1276	8.9	74128.7	-5121.7								

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1277	9.8	74136.2	-5136.9	1367	10.0	80215.4	-5106.9	1457	10.0	82030.8	-5109.6
1278	10.0	74145.7	-5103.6	1368	9.6	80304.9	-5158.2	1458	9.9	82051.8	-5106.9
1279	9.6	74208.7	-5103.7	1369	9.0	80310.9	-5139.4	1459	10.2	82104.3	-5104.3
1280	8.8	74211.7	-5104.0	1370	8.7	80332.4	-5126.8	1460	10.2	82134.3	-5126.1
1281	10.0	74219.7	-5139.5	1371	8.2	80337.4	-5134.6	1461	9.7	82149.8	-5148.4
1282	9.8	74223.7	-5127.6	1372	10.0	80409.9	-5121.2	1462	9.6	82151.8	-5115.4
1283	9.4	74229.2	-5145.6	1373	10.0	80411.4	-5126.1	1463	10.2	82156.3	-5127.3
1284	9.4	74233.2	-5114.7	1374	10.0	80420.4	-5155.0	1464	5.0	82158.3	-5118.9
1285	10.0	74238.2	-5121.1	1375	9.4	80427.9	-5113.2	1465	9.6	82159.3	-5120.1
1286	9.8	74238.2	-5141.6	1376	8.8	80434.4	-5118.0	1466	9.4	82209.3	-5136.3
1287	10.0	74240.2	-5117.8	1377	8.7	80436.9	-5122.3	1467	9.4	82213.8	-5106.5
1288	8.2	74253.2	-5114.7	1378	9.8	80501.9	-5138.1	1468	9.6	82226.3	-5116.3
1289	9.8	74259.7	-5147.9	1379	9.4	80508.9	-5149.1	1469	9.0	82226.3	-5134.9
1290	10.0	74309.7	-5134.5	1380	10.0	80509.9	-5117.0	1470	10.1	82229.3	-5150.1
1291	10.0	74311.7	-5155.4	1381	9.3	80522.6	-5133.1	1471	10.0	82232.3	-5141.1
1292	9.8	74320.2	-5137.8	1382	9.6	80531.6	-5109.7	1472	8.9	82239.3	-5150.0
1293	10.0	74322.2	-5116.0	1383	9.4	80532.6	-5140.3	1473	10.2	82246.8	-5135.8
1294	9.8	74343.2	-5146.0	1384	9.4	80551.1	-5101.3	1474	10.2	82250.3	-5143.4
1295	10.0	74351.7	-5112.8	1385	9.8	80558.6	-5137.9	1475	9.4	82257.3	-5121.5
1296	9.8	74409.2	-5120.8	1386	7.4	80605.6	-5128.3	1476	10.1	82310.8	-5102.9
1297	10.0	74422.2	-5109.3	1387	9.6	80625.1	-5139.7	1477	9.1	82319.3	-5145.4
1298	10.0	74438.4	-5125.1	1388	9.2	80627.6	-5110.8	1478	8.2	82320.4	-5105.3
1299	8.4	74440.2	-5120.7	1389	10.0	80635.6	-5158.1	1479	9.4	82323.4	-5142.8
1300	9.6	74459.9	-5139.5	1390	9.0	80705.6	-5148.7	1480	9.4	82324.4	-5116.2
1301	10.0	74459.9	-5131.8	1391	9.9	80751.6	-5146.5	1481	8.0	82327.4	-5103.7
1302	9.6	74504.9	-5144.4	1392	8.0	80831.6	-5135.1	1482	9.4	82327.9	-5143.0
1303	10.0	74513.2	-5101.1	1393	8.9	80917.1	-5153.2	1483	8.5	82330.4	-5108.5
1304	9.8	74515.1	-5137.3	1394	9.7	80925.6	-5154.1	1484	8.8	82345.9	-5128.7
1305	9.6	74520.1	-5142.7	1395	9.8	80947.6	-5110.1	1485	8.2	82359.4	-5110.8
1306	10.0	74604.6	-5103.9	1396	9.0	80949.6	-5121.9	1486	10.2	82402.9	-5156.9
1307	10.0	74626.1	-5148.3	1397	7.1	80951.1	-5151.5	1487	10.0	82402.9	-5109.2
1308	9.6	74649.6	-5140.4	1398	9.9	80958.7	-5157.1	1488	9.2	82416.4	-5137.2
1309	10.0	74707.6	-5141.2	1399	9.3	81000.6	-5129.6	1489	9.3	82418.4	-5119.7
1310	10.0	74813.2	-5158.4	1400	9.7	81032.1	-5130.8	1490	10.0	82421.4	-5137.9
1311	9.9	74826.1	-5108.1	1401	10.0	81044.6	-5150.1	1491	9.6	82421.9	-5131.8
1312	9.9	74828.1	-5105.1	1402	10.0	81044.6	-5135.9	1492	8.9	82439.4	-5141.0
1313	9.9	74828.1	-5105.4	1403	10.0	81048.9	-5158.5	1493	7.6	82440.4	-5121.3
1314	9.2	74835.1	-5144.0	1404	9.0	81124.9	-5158.6	1494	10.0	82444.8	-5101.3
1315	8.8	74904.1	-5129.4	1405	9.2	81131.2	-5158.7	1495	9.9	82454.4	-5125.0
1316	9.7	74915.1	-5117.5	1406	10.0	81138.1	-5111.5	1496	9.8	82455.9	-5113.6
1317	8.3	74925.1	-5115.0	1407	9.8	81145.1	-5149.3	1497	8.5	82457.9	-5107.5
1318	8.2	74925.6	-5114.0	1408	10.0	81150.6	-5143.9	1498	9.1	82511.4	-5142.4
1319	9.4	74929.1	-5134.7	1409	7.4	81159.6	-5140.5	1499	9.6	82512.4	-5140.5
1320	10.0	74944.1	-5104.4	1410	9.6	81200.1	-5120.9	1500	9.3	82605.9	-5142.4
1321	9.3	74949.1	-5148.5	1411	8.7	81201.6	-5112.6	1501	8.3	82634.4	-5140.7
1322	10.0	75020.1	-5121.6	1412	8.8	81250.6	-5133.3	1502	9.2	82634.4	-5143.3
1323	10.0	75025.1	-5118.3	1413	9.4	81307.1	-5104.3	1503	10.2	82640.9	-5116.9
1324	10.0	75035.1	-5137.8	1414	9.4	81309.9	-5158.0	1504	9.4	82659.4	-5103.6
1325	10.0	75036.1	-5143.1	1415	9.6	81332.6	-5102.7	1505	9.4	82709.4	-5115.8
1326	9.4	75042.6	-5103.2	1416	8.9	81344.6	-5118.7	1506	9.1	82729.4	-5121.1
1327	9.8	75042.6	-5134.9	1417	9.8	81404.7	-5109.7	1507	10.1	82736.4	-5120.9
1328	8.8	75058.1	-5155.7	1418	10.2	81420.4	-5100.9	1508	8.5	82748.4	-5113.8
1329	9.3	75119.6	-5153.1	1419	10.2	81439.3	-5134.5	1509	10.2	82749.4	-5103.3
1330	9.3	75131.1	-5117.5	1420	10.2	81455.1	-5105.0	1510	10.2	82812.6	-5157.5
1331	9.9	75207.1	-5148.1	1421	9.6	81459.6	-5155.5	1511	8.7	82828.4	-5150.1
1332	8.7	75243.6	-5119.0	1422	9.8	81513.6	-5145.4	1512	9.6	82849.7	-5146.2
1333	7.7	75249.5	-5100.3	1423	10.2	81516.6	-5133.9	1513	9.3	82854.2	-5138.8
1334	9.7	75303.6	-5158.7	1424	10.0	81540.6	-5127.1	1514	10.0	82901.2	-5105.9
1335	10.0	75428.6	-5126.8	1425	10.1	81548.6	-5131.9	1515	9.9	82903.2	-5104.8
1336	7.6	75442.1	-5157.3	1426	9.9	81555.1	-5131.3	1516	9.9	82905.7	-5144.7
1337	9.4	75451.6	-5133.7	1427	9.0	81607.1	-5156.9	1517	9.6	82918.2	-5127.5
1338	7.5	75459.9	-5106.6	1428	10.2	81616.1	-5148.9	1518	10.1	82918.7	-5130.9
1339	9.9	75503.9	-5128.4	1429	7.5	81629.1	-5132.8	1519	9.7	82919.2	-5149.0
1340	9.7	75509.4	-5120.1	1430	10.2	81629.1	-5131.6	1520	10.2	82937.7	-5107.5
1341	9.4	75514.9	-5107.6	1431	8.8	81652.6	-5106.2	1521	10.0	82946.7	-5107.6
1342	9.2	75530.4	-5128.9	1432	9.4	81654.1	-5109.4	1522	10.0	82952.2	-5122.7
1343	9.7	75533.9	-5133.4	1433	8.5	81656.1	-5106.0	1523	9.9	83000.7	-5152.1
1344	7.4	75548.9	-5107.5	1434	8.7	81705.6	-5113.4	1524	10.2	83018.7	-5106.5
1345	9.0	75556.9	-5148.6	1435	9.8	81726.1	-5107.1	1525	9.6	83019.7	-5119.8
1346	8.3	75559.9	-5149.0	1436	8.3	81728.6	-5108.7	1526	8.1	83022.2	-5143.5
1347	9.2	75624.4	-5124.3	1437	7.3	81732.1	-5149.8	1527	9.8	83030.7	-5137.2
1348	9.6	75641.9	-5146.9	1438	8.2	81742.1	-5117.9	1528	9.0	83032.2	-5109.1
1349	10.0	75650.9	-5149.0	1439	10.2	81744.1	-5137.5	1529	10.0	83039.2	-5147.0
1350	9.6	75650.9	-5104.7	1440	9.8	81756.6	-5116.1	1530	9.0	83039.7	-5117.4
1351	9.2	75707.4	-5110.1	1441	10.2	81810.8	-5144.8	1531	10.0	83041.7	-5117.7
1352	8.8	75730.9	-5120.2	1442	9.9	81811.1	-5121.5	1532	9.1	83052.2	-5159.5
1353	7.7	75759.9	-5105.6	1443	9.7	81814.3	-5147.4	1533	8.9	83108.2	-5105.5
1354	8.2	75859.9	-5105.5	1444	9.4	81829.3	-5119.8	1534	10.2	83127.2	-5104.7
1355	10.0	75900.9	-5155.6	1445	9.3	81850.3	-5140.2	1535	10.2	83131.7	-5105.7
1356	10.0	75932.4	-5156.6	1446	9.8	81856.3	-5109.9	1536	8.3	83143.7	-5123.2
1357	9.7	75933.9	-5109.1	1447	10.1	81900.8	-5130.6	1537	8.9	83149.7	-5114.4
1358	9.6	75951.9	-5125.8	1448	10.1	81910.3	-5106.3	1538	10.0	83154.2	-5148.3
1359	10.0	75955.4	-5149.9	1449	10.2	81920.3	-5115.2	1539	8.6	83204.7	-5153.4
1360	10.0	75955.5	-5104.2	1450	10.1	81920.8	-5124.5	1540	8.5	83234.7	-5130.7
1361	10.0	75959.9	-5141.6	1451	6.6	81925.7	-5143.3	1541	8.6	83239.7	-5154.1
1362	9.3	80022.4	-5122.5	1452	9.9	81928.7	-5115.9	1542	9.9	83241.7	-5154.3
1363	9.9	80042.9	-5154.3	1453	9.4	81934.1	-5159.3	1543	10.2	83246.7	-5125.4
1364	9.8	80055.4	-5133.2	1454	9.3	81944.3	-5120.2	1544	8.6	83249.7	-5147.1
1365	9.9	80118.4	-5153.8	1455	9.1	81950.3	-5132.1	1545	10.2	83254.7	-5128.4
1366	9.8	80212.1	-5101.5	1456	9.4	82030.3	-5157.9	1546	9.4	83318.7	-5149.0
1547	9.2	83329.2	-5103.5								
1548	8.9	83337.2	-5138.0								
1549	9.4	83342.7	-5103.1								
1550	9.4	83358.7	-5112.1								
1551	10.2	83415.2	-5118.4								
1552	9.4	83420.8	-5139.0								
1553	9.8	83420.8	-5131.2								
1554	10.0	83436.3	-5129.9								
1555	9.2	83441.8	-5109.2								
1556	9.3	83449.8	-5126.9								
1557	9.6	83450.8	-5145.7								
1558	9.2	83456.8	-5101.0								
1559	10.1	83507.8	-5125.8								
1560	10.2	83509.8	-5149.7								
1561	8.5	83513.3	-5143.3								
1562	8.9	83513.8	-5115.7								
1563	9.2	83514.0	-5159.3								
1564	8.8	83517.8	-5108.6								
1565	8.0	83539.3	-5152.5								
1566	10.2	83608.3	-5125.4								
1567	9.6	83616.8	-5133.3								
1568	10.2	83618.3	-5127.0								
1569	8.9	83621.3	-5128.9								
1570	7.5	83628.8	-5129.8								
1571	9.2	83634.8	-5105.8								
1572	9.8	83638.8	-5139.3								
1573	9.8	83646.3	-5145.1								
1574	9.4	83649.8	-5113.2								
1575	9.6	83701.8	-5130.1								
1576	9.6	83705.6	-5158.2								
1577	10.0	83739.3	-5150.6								
1578	9.8	83751.3	-5144.4								
1579	10.0	83759.3	-5118.1								
1580	9.6	83816.8	-5119.0								
1581	9.4	83819.8	-5113.5								
1582	10.2	83832.8	-5115.6								
1583	10.0	83839.9	-5142.8								
1584	8.9	83842.4	-5123.7								
1585	9.2	83854.9	-5126.4								
1586	9.4	83904.4	-5153.7								
1587	9.2	83905.9	-5124.1								
1588	8.6	83909.4	-5113.1								
1589	9.8	83910.4	-5122.1								
1590	10.0	83935.9	-5131.1								
1591	8.4	83940.9	-5145.5								
1592	10.0	83943.4	-5145.7								
1593	10.0	83944.9	-5104.8								
1594	9.6	83949.9	-5113.7								
1595	7.9	83950.4	-5133.1								
1596	9.6	83954.9	-5157.9								
1597	10.2	83958.4	-5146.7								
1598	9.6	84017.4	-5108.8								
1599	10.2	84028.4	-5157.5								
1600	9.7	84028.9	-5103.6								
1601	9.6	84034.9	-5131.8								
1602	9.9	84051.4	-5132.5								
1603	10.0	84059.4	-5142.1								
1604	9.4	84100.9	-5133.7								
1605	9.9	84103.9	-5144.9								
1606	9.6	84104.9	-5155.3								
1607	9.7	84106.9	-5146.6								
1608	9.0	84115.4	-5111.3								
1609	9.1	84124.9	-5105.6								
1610	10.2	84143.9	-5122.0								
1611	9.6	84148.9	-5112.7								
1612	8.9	84153.4	-5157.9								
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1614	9.1	84204.9	-5107.8								
1615	9.1	84209.9	-5105.1								
1616	10.0	84217.9	-5130.5								
1617	9.4	84218.4	-5104.5								
1618	10.2	84219.2	-5123.8								
1619	9.8	84222.6	-5143.1								
1620	10.2	84245.6	-5121.0								
1621	9.7	84246.6	-5118.1								
1622	9.3	84255.1	-5155.1								
1623	9.8	84255.1	-5134.5								
1624	8.7	84300.1	-5139.4								
1625	10.0	84304.3	-5102.6								
1626	8.3	84321.6	-5130.9								
1627	9.3	84327.1	-5111.5								
1628	8.1	84330.1	-5127.6								
1629	9.6	84331.6	-5103.8								
1630	9.8	84333.6	-5138.1								
1631	9.2	84344.6	-5100.6								
1632	9.2	84345.1	-5106.3								
1633	10.2	84350.6	-5132.2								
1634	9.9	84356.6	-5144.4								
1635	8.0	84357.1	-5108.3								
1636	10.1	84414.6	-5142.1								

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1637	10.2	84423.1	-5119.5	1727	9.8	85031.9	-5101.0	1817	10.0	85721.7	-5136.4
1638	10.2	84429.1	-5148.6	1728	10.0	85034.8	-5108.6	1818	10.0	85726.3	-5102.5
1639	9.9	84430.1	-5137.5	1729	9.6	85038.3	-5122.1	1819	9.8	85743.1	-5100.7
1640	9.3	84432.2	-5112.2	1730	9.8	85043.3	-5105.2	1820	9.8	85748.2	-5105.0
1641	10.0	84433.8	-5117.5	1731	10.0	85044.3	-5152.0	1821	5.5	85751.7	-5141.7
1642	10.0	84442.8	-5109.3	1732	10.0	85055.8	-5114.8	1822	9.8	85802.2	-5126.2
1643	10.0	84443.3	-5131.3	1733	9.4	85105.8	-5116.3	1823	10.0	85814.8	-5111.5
1644	9.8	84445.2	-5128.2	1734	9.6	85109.8	-5124.6	1824	9.8	85823.7	-5140.3
1645	9.8	84445.7	-5125.4	1735	9.0	85109.8	-5147.9	1825	10.0	85826.2	-5141.9
1646	9.8	84451.3	-5127.1	1736	9.8	85112.8	-5129.9	1826	9.4	85826.7	-5109.5
1647	10.0	84458.8	-5132.7	1737	10.0	85117.3	-5125.2	1827	9.8	85830.7	-5115.9
1648	9.8	84459.4	-5110.7	1738	9.4	85121.8	-5129.3	1828	9.8	85832.7	-5116.4
1649	10.0	84504.2	-5140.5	1739	10.0	85125.8	-5124.8	1829	10.0	85843.7	-5148.8
1650	9.8	84504.3	-5125.7	1740	10.0	85144.3	-5119.8	1830	9.2	85846.7	-5116.6
1651	9.8	84510.3	-5150.4	1741	9.8	85145.8	-5118.2	1831	9.5	85848.7	-5111.4
1652	9.3	84514.7	-5115.4	1742	9.3	85148.8	-5115.7	1832	10.0	85850.8	-5132.9
1653	9.8	84515.8	-5134.6	1743	10.0	85150.8	-5112.0	1833	9.6	85852.2	-5144.2
1654	9.8	84519.2	-5105.6	1744	10.0	85153.7	-5151.6	1834	9.0	85854.7	-5121.1
1655	9.6	84522.8	-5144.5	1745	10.0	85155.2	-5145.0	1835	10.0	85855.7	-5118.6
1656	10.0	84522.8	-5135.1	1746	9.4	85156.2	-5107.4	1836	9.8	85857.7	-5148.2
1657	9.6	84525.2	-5101.6	1747	7.9	85157.7	-5106.5	1837	9.1	85900.7	-5142.0
1658	9.6	84529.8	-5113.4	1748	10.0	85157.7	-5118.0	1838	10.0	85901.2	-5113.9
1659	10.0	84533.8	-5136.5	1749	10.0	85205.2	-5147.9	1839	9.6	85905.2	-5113.3
1660	10.0	84535.2	-5141.6	1750	10.0	85211.2	-5137.3	1840	8.9	85905.7	-5150.7
1661	10.0	84537.3	-5143.1	1751	9.6	85216.2	-5141.8	1841	9.8	85906.2	-5133.6
1662	10.0	84545.8	-5103.6	1752	10.0	85219.7	-5132.7	1842	9.8	85915.7	-5118.1
1663	10.0	84604.8	-5155.7	1753	9.8	85225.2	-5141.9	1843	10.0	85916.8	-5145.0
1664	9.2	84605.3	-5136.6	1754	10.0	85225.2	-5116.1	1844	9.2	85919.7	-5132.8
1665	9.4	84605.8	-5136.3	1755	9.8	85230.7	-5104.5	1845	9.4	85929.7	-5106.1
1666	9.8	84610.8	-5135.9	1756	10.0	85231.7	-5137.4	1846	10.0	85930.7	-5133.0
1667	9.4	84636.8	-5147.1	1757	9.8	85233.7	-5119.1	1847	10.0	85934.2	-5118.8
1668	9.6	84637.3	-5129.4	1758	9.8	85234.7	-5127.3	1848	9.3	85936.7	-5105.3
1669	8.6	84639.8	-5125.7	1759	9.6	85234.7	-5135.1	1849	9.4	85942.7	-5128.9
1670	9.6	84642.8	-5140.5	1760	9.4	85242.2	-5106.3	1850	9.6	85951.7	-5105.9
1671	9.6	84645.8	-5136.0	1761	9.5	85250.7	-5152.0	1851	9.4	85956.2	-5115.4
1672	9.3	84646.0	-5101.6	1762	10.0	85252.2	-5136.4	1852	10.0	85956.7	-5143.3
1673	9.8	84658.3	-5117.7	1763	10.0	85254.7	-5111.3	1853	10.0	85957.7	-5135.8
1674	9.4	84700.8	-5130.0	1764	10.0	85258.2	-5145.5	1854	9.6	90004.7	-5108.1
1675	10.0	84701.2	-5101.2	1765	10.0	85259.2	-5133.5	1855	9.8	90011.2	-5109.9
1676	10.0	84703.8	-5145.5	1766	9.2	85300.7	-5135.7	1856	10.0	90011.9	-5158.9
1677	9.8	84712.8	-5131.5	1767	10.0	85303.7	-5127.1	1857	9.4	90015.2	-5118.2
1678	9.6	84721.3	-5145.2	1768	9.0	85305.7	-5120.4	1858	10.0	90019.2	-5112.0
1679	9.8	84721.3	-5112.1	1769	10.0	85312.2	-5103.6	1859	9.8	90019.7	-5122.5
1680	9.8	84732.3	-5137.2	1770	9.2	85317.2	-5146.6	1860	9.2	90019.7	-5129.9
1681	9.4	84734.0	-5101.2	1771	9.8	85319.7	-5109.7	1861	9.0	90024.2	-5109.3
1682	9.4	84734.3	-5117.8	1772	10.0	85324.2	-5125.9	1862	10.0	90031.2	-5128.9
1683	9.6	84750.2	-5156.6	1773	9.8	85325.7	-5145.1	1863	10.0	90032.7	-5153.6
1684	9.8	84800.4	-5156.7	1774	9.2	85331.7	-5111.6	1864	10.0	90038.7	-5153.0
1685	9.5	84802.3	-5121.3	1775	9.2	85338.7	-5136.3	1865	10.0	90045.5	-5158.9
1686	9.5	84805.8	-5104.7	1776	10.0	85341.2	-5109.7	1866	8.4	90057.7	-5128.7
1687	9.6	84808.8	-5124.6	1777	10.0	85343.7	-5106.9	1867	9.0	90104.7	-5111.3
1688	9.3	84814.8	-5135.7	1778	9.8	85343.7	-5115.2	1868	9.2	90105.7	-5121.1
1689	9.8	84816.8	-5103.3	1779	10.0	85353.7	-5159.0	1869	9.5	90113.7	-5125.8
1690	9.8	84818.8	-5114.9	1780	10.0	85354.7	-5158.2	1870	10.0	90118.7	-5138.1
1691	10.0	84821.3	-5145.4	1781	9.4	85412.7	-5130.1	1871	9.1	90129.2	-5123.0
1692	10.0	84822.8	-5156.7	1782	9.4	85439.5	-5157.5	1872	9.8	90132.2	-5117.8
1693	9.4	84825.8	-5115.9	1783	9.8	85440.2	-5123.1	1873	9.3	90156.2	-5111.8
1694	9.6	84825.8	-5151.4	1784	10.0	85454.7	-5121.6	1874	10.0	90201.4	-5147.6
1695	9.8	84829.8	-5147.1	1785	10.0	85455.7	-5151.9	1875	9.8	90205.2	-5118.1
1696	9.5	84829.8	-5121.5	1786	9.8	85512.2	-5110.6	1876	9.4	90211.2	-5108.1
1697	10.0	84833.8	-5141.0	1787	9.6	85515.7	-5143.0	1877	10.0	90211.7	-5132.7
1698	10.0	84839.8	-5130.0	1788	10.0	85516.7	-5131.3	1878	9.8	90232.7	-5141.4
1699	10.0	84848.8	-5105.5	1789	9.6	85516.7	-5121.8	1879	10.0	90240.7	-5104.8
1700	9.4	84849.8	-5140.3	1790	10.0	85520.7	-5100.4	1880	9.4	90246.7	-5106.7
1701	7.1	84853.8	-5139.4	1791	10.0	85524.0	-5101.5	1881	9.6	90248.2	-5116.2
1702	10.0	84857.9	-5158.5	1792	9.6	85528.5	-5156.7	1882	9.6	90251.7	-5110.3
1703	9.8	84859.8	-5102.8	1793	9.4	85533.7	-5135.7	1883	9.6	90304.2	-5132.6
1704	10.0	84859.8	-5141.1	1794	10.0	85534.2	-5107.7	1884	10.0	90305.7	-5102.7
1705	9.8	84910.3	-5116.9	1795	9.6	85534.7	-5143.8	1885	9.6	90316.2	-5149.9
1706	8.6	84910.9	-5100.9	1796	9.1	85537.7	-5148.9	1886	8.6	90325.7	-5151.4
1707	9.8	84923.2	-5159.2	1797	10.0	85542.7	-5131.4	1887	9.6	90327.2	-5121.2
1708	10.0	84923.8	-5140.0	1798	10.0	85545.2	-5132.8	1888	8.9	90328.7	-5159.8
1709	9.8	84928.8	-5142.6	1799	9.6	85546.7	-5111.7	1889	9.0	90335.7	-5123.7
1710	10.0	84930.8	-5138.5	1800	7.7	85550.7	-5101.1	1890	9.4	90339.7	-5109.8
1711	9.0	84935.8	-5136.7	1801	9.4	85558.2	-5124.9	1891	9.8	90341.2	-5118.9
1712	8.6	84937.2	-5159.2	1802	9.8	85606.7	-5105.3	1892	9.8	90344.2	-5142.0
1713	9.6	84940.8	-5115.0	1803	9.3	85606.7	-5136.6	1893	9.6	90349.7	-5121.6
1714	9.8	84945.8	-5133.7	1804	9.5	85621.0	-5156.5	1894	9.8	90401.7	-5105.6
1715	10.0	84948.8	-5113.8	1805	9.8	85624.7	-5132.0	1895	10.0	90406.7	-5151.0
1716	9.6	84950.8	-5154.7	1806	10.0	85626.7	-5137.1	1896	9.5	90410.7	-5126.2
1717	9.8	84952.3	-5135.7	1807	9.3	85628.2	-5157.7	1897	9.4	90410.7	-5138.7
1718	10.0	84955.3	-5116.5	1808	10.0	85628.7	-5111.9	1898	10.0	90414.2	-5154.4
1719	10.0	84959.3	-5157.7	1809	8.9	85628.7	-5110.4	1899	9.6	90419.7	-5138.1
1720	10.0	85003.8	-5145.2	1810	9.2	85631.7	-5145.0	1900	8.8	90423.2	-5115.1
1721	8.6	85009.3	-5106.3	1811	6.9	85642.2	-5104.0	1901	10.0	90425.2	-5110.9
1722	7.9	85010.2	-5159.9	1812	9.6	85700.7	-5145.6	1902	10.0	90426.2	-5155.9
1723	9.8	85010.4	-5157.9	1813	9.4	85702.7	-5114.5	1903	8.8	90427.2	-5100.4
1724	8.0	85015.8	-5113.5	1814	10.0	85713.7	-5136.7	1904	9.8	90427.2	-5121.5
1725	10.0	85028.3	-5124.5	1815	9.8	85718.2	-5127.9	1905	10.0	90430.2	-5130.1
1726	9.8	85030.3	-5130.9	1816	9.4	85718.7	-5153.5	1906	10.0	90432.2	-5139.3
1907	9.8	90435.8	-5102.2								
1908	9.8	90440.7	-5126.0								
1909	9.8	90440.9	-5102.3								
1910	9.2	90441.2	-5129.4								
1911	9.6	90446.7	-5121.0								
1912	9.6	90449.2	-5125.9								
1913	9.6	90450.2	-5127.4								
1914	9.4	90454.7	-5105.8								
1915	9.6	90455.2	-5111.0								
1916	10.0	90459.7	-5114.1								
1917	9.8	90500.2	-5158.0								
1918	9.8	90504.2	-5121.2								
1919	10.0	90515.2	-5151.8								
1920	10.0	90516.2	-5137.6								
1921	9.8	90517.7	-5141.6								
1922	10.0	90525.7	-5154.7								
1923	8.8	90529.7	-5145.1								
1924	10.0	90531.2	-5119.6								
1925	10.0	90531.7	-5143.8								
1926	10.0	90533.2	-5129.4								
1927	10.0	90535.5	-5157.5								
1928	9.8	90536.7	-5134.0								
1929	9.8	90537.2	-5122.7								
1930	9.8	90540.2	-5118.0								
1931	10.0	90545.7	-5153.9								
1932	10.0	90546.7	-5132.5								
1933	9.8	90549.2	-5144.9								
1934	9.8	90551.2	-5125.4								
1935	9.8	90556.7	-5121.0								
1936	9.8	90557.2	-5111.4								
1937	7.6	90559.7	-5134.4								
1938	9.8	90608.2	-5106.2								
1939	9.4	90611.7	-5138.3								
1940	9.4	90611.7	-5153.9								
1941	9.8	90614.2	-5101.9								
1942	9.6	90617.2	-5148.4								
1943	10.0	90619.7	-5142.8								
1944	9.6	90630.7	-5101.0								
1945	9.8	90632.2	-5103.7								
1946	10.0	90633.2	-5143.1								
1947	10.0	90636.7	-5117.0								
1948	10.0	90637.7	-5120.3								
1949	10.0	90639.7	-5149.2								
1950	8.8	90651.7	-5153.9								
1951	9.3	90653.2	-5130.7								
1952	10.0	90653.2	-5118.3								
1953	10.0	90654.2	-5132.1								
1954	10.0	90656.2	-5133.4								
1955	10.0	90659.7	-5105.9								
1956	8.8	90659.7	-5122.6								
1957	10.0	90701.2	-5122.4								
1958	9.5	90703.7	-5154.8								
1959	9.1	90704.7	-5107.4								
1960	9.6	90706.4	-5156.9								
1961	9.8	90708.7	-5143.3								
1962	8.0	90709.7	-5136.0								
1963	9.5	90710.7	-5109.4								
1964	9.8	90714.7	-5145.2								
1965	9.6	90722.7	-5159.0								
1966	10.0	90727.7	-5150.6								
1967	10.0	90732.7	-5109.6								
1968	10.0	90737.2	-5141.8								
1969	9.8	90740.7	-5153.8								
1970	9.4	90746.7	-5144.2								
1971	9.6	90747.2	-5139.7								
1972	9.8	90748.7	-5152.9								
1973	10.0	90749.2	-5150.0								
1974	10.0	90750.7	-5105.2								
1975	9.6	90755.2	-5120.9								
1976	10.0	90755.7	-5126.8								
1977	9.8	90757.7	-5146.0								
1978	9.6	90758.7	-5145.8								
1979	9.8	90759.7	-5138.3								
1980	9.6	90804.7	-5137.6								
1981	9.8	90804.7	-5114.4								
1982	10.0	90811.2	-5137.0								
1983	9.8	90811.2	-5116.5								
1984	9.6	90811.7	-5156.0								
1985	9.6	90812.2	-5153.6								
1986	10.0	90812.7	-5146.9								
1987	10.0	90823.7	-5101.8								
1988	9.4	90825.2	-5140.0								
1989	9.6	90825.7	-5154.8								
1990	10.0	90831.2	-5110.6								
1991	10.0	90834.2	-5112.7								
1992	9.6	90834.7	-5130.7								
1993	10.0	90842.7	-5144.6								
1994	9.4	90844.7	-5152.0								
1995	9.8	90847.2	-5139.5								
1996	9.8	90847.2	-5104.7								

-51 1997 9h08m

-51 2356 9h29m

1997	10.0	90850.5 -5101.6	2087	9.8	91340.9 -5149.4	2177	10.0	91951.6 -5153.9	2267	9.5	92413.1 -5145.2
1998	10.0	90851.0 -5137.6	2088	10.0	91342.6 -5102.4	2178	9.9	91951.6 -5104.3	2268	9.6	92419.1 -5125.2
1999	9.6	90857.7 -5153.3	2089	9.8	91345.1 -5153.1	2179	10.0	91952.1 -5132.1	2269	9.5	92425.1 -5158.6
2000	10.0	90906.5 -5100.0	2090	8.5	91349.1 -5127.1	2180	10.0	91952.1 -5110.5	2270	9.5	92433.1 -5135.3
2001	10.0	90910.7 -5136.0	2091	9.8	91349.6 -5126.0	2181	9.6	91953.6 -5103.1	2271	9.8	92435.6 -5124.8
2002	9.4	90910.7 -5128.9	2092	9.4	91359.1 -5130.5	2182	9.9	92006.1 -5119.0	2272	10.0	92439.6 -5148.0
2003	9.8	90913.7 -5156.1	2093	10.0	91402.1 -5149.0	2183	8.8	92006.6 -5107.7	2273	9.1	92447.6 -5159.9
2004	9.4	90913.7 -5121.7	2094	9.4	91409.6 -5105.7	2184	10.0	92008.6 -5105.2	2274	9.6	92449.2 -5158.8
2005	10.0	90915.0 -5157.2	2095	9.8	91410.6 -5148.9	2185	10.0	92016.1 -5146.0	2275	9.0	92449.6 -5138.1
2006	10.0	90915.7 -5134.2	2096	9.0	91412.6 -5110.3	2186	9.6	92019.6 -5122.0	2276	10.0	92450.1 -5126.6
2007	8.2	90918.1 -5139.9	2097	9.1	91415.1 -5144.6	2187	9.4	92020.6 -5125.1	2277	9.7	92450.8 -5100.5
2008	9.6	90919.6 -5133.7	2098	10.0	91415.6 -5153.0	2188	9.5	92026.6 -5125.1	2278	10.0	92454.5 -5153.9
2009	9.3	90922.9 -5102.5	2099	10.0	91431.6 -5116.7	2189	9.5	92027.6 -5134.5	2279	10.0	92455.1 -5121.2
2010	10.0	90927.1 -5121.1	2100	9.5	91434.7 -5104.0	2190	9.4	92029.6 -5131.3	2280	9.8	92455.7 -5153.5
2011	9.8	90927.1 -5134.2	2101	7.4	91434.9 -5102.2	2191	9.5	92033.1 -5114.4	2281	7.8	92505.6 -5152.7
2012	9.5	90928.1 -5101.7	2102	9.4	91436.4 -5103.8	2192	9.0	92033.1 -5119.8	2282	10.0	92519.1 -5146.0
2013	10.0	90928.6 -5147.1	2103	9.8	91437.1 -5153.7	2193	9.6	92035.6 -5141.1	2283	9.6	92520.6 -5118.2
2014	10.0	90930.1 -5115.2	2104	9.8	91439.4 -5146.3	2194	9.8	92039.6 -5154.1	2284	10.0	92532.1 -5131.3
2015	10.0	90930.1 -5139.8	2105	9.8	91454.4 -5134.5	2195	9.8	92040.1 -5138.6	2285	9.7	92539.6 -5135.6
2016	10.0	90933.1 -5124.3	2106	8.3	91457.4 -5149.3	2196	9.9	92043.1 -5112.5	2286	9.5	92553.6 -5142.1
2017	9.8	90933.1 -5137.6	2107	10.0	91507.1 -5114.7	2197	8.8	92045.6 -5117.3	2287	9.6	92559.6 -5130.6
2018	9.4	90933.6 -5108.9	2108	9.2	91507.2 -5129.5	2198	9.4	92048.1 -5152.5	2288	9.4	92559.6 -5129.0
2019	9.4	90939.6 -5147.2	2109	10.0	91508.4 -5118.8	2199	9.0	92053.6 -5118.0	2289	9.5	92600.6 -5139.1
2020	9.6	90940.1 -5145.2	2110	10.0	91524.6 -5140.8	2200	9.6	92053.6 -5131.2	2290	9.0	92603.7 -5142.3
2021	9.8	90943.1 -5133.1	2111	10.0	91534.2 -5110.2	2201	10.0	92101.6 -5102.8	2291	9.5	92604.2 -5103.5
2022	9.8	90947.6 -5109.2	2112	9.5	91536.9 -5154.5	2202	8.8	92103.1 -5126.1	2292	9.2	92604.7 -5151.2
2023	10.0	90948.1 -5111.8	2113	10.0	91541.2 -5158.4	2203	8.4	92104.6 -5153.2	2293	8.0	92606.7 -5145.4
2024	9.8	90958.1 -5140.9	2114	10.0	91550.2 -5111.9	2204	9.6	92105.6 -5111.2	2294	9.8	92606.7 -5130.6
2025	10.0	90958.1 -5144.3	2115	9.8	91600.2 -5148.9	2205	9.0	92109.6 -5108.0	2295	9.1	92613.7 -5110.3
2026	10.0	90959.1 -5123.4	2116	10.0	91603.2 -5146.6	2206	8.8	92111.1 -5151.4	2296	9.6	92614.0 -5156.3
2027	9.4	91002.1 -5108.7	2117	9.2	91609.2 -5134.3	2207	8.8	92113.6 -5105.8	2297	10.0	92619.7 -5144.5
2028	9.6	91004.1 -5101.9	2118	9.6	91610.2 -5105.7	2208	10.0	92115.6 -5118.2	2298	9.8	92620.2 -5113.7
2029	10.0	91004.1 -5131.0	2119	9.5	91610.2 -5104.9	2209	10.0	92119.1 -5127.1	2299	9.1	92620.7 -5106.7
2030	10.0	91005.6 -5123.0	2120	9.3	91619.2 -5107.8	2210	10.0	92126.6 -5111.6	2300	10.0	92624.7 -5128.1
2031	9.4	91008.1 -5140.2	2121	9.5	91629.2 -5107.3	2211	10.0	92126.6 -5102.6	2301	9.3	92629.7 -5105.0
2032	9.8	91009.1 -5106.3	2122	9.6	91633.2 -5137.2	2212	10.0	92127.6 -5122.8	2302	9.0	92631.4 -5157.5
2033	9.6	91011.6 -5121.2	2123	10.0	91636.7 -5148.8	2213	9.9	92134.6 -5135.4	2303	9.8	92632.2 -5140.3
2034	10.0	91017.6 -5136.3	2124	9.5	91638.2 -5144.8	2214	9.8	92136.6 -5112.6	2304	9.3	92637.2 -5135.3
2035	9.8	91020.1 -5122.4	2125	9.8	91639.2 -5121.6	2215	9.8	92138.1 -5100.0	2305	9.7	92645.7 -5148.8
2036	9.8	91023.6 -5126.1	2126	10.0	91644.7 -5117.0	2216	9.2	92138.6 -5102.7	2306	9.5	92647.7 -5117.5
2037	10.0	91026.6 -5144.5	2127	9.8	91648.2 -5122.9	2217	9.8	92142.6 -5144.0	2307	9.8	92648.2 -5132.7
2038	10.0	91028.6 -5144.9	2128	9.6	91648.2 -5132.4	2218	10.0	92143.6 -5122.2	2308	10.0	92650.2 -5131.7
2039	10.0	91032.6 -5148.0	2129	10.0	91650.7 -5156.7	2219	10.0	92146.1 -5131.2	2309	9.8	92654.2 -5152.7
2040	9.8	91035.1 -5157.3	2130	9.7	91652.2 -5121.7	2220	10.0	92154.6 -5108.4	2310	10.0	92659.2 -5140.2
2041	9.4	91038.6 -5153.2	2131	9.7	91709.2 -5126.0	2221	9.9	92155.6 -5137.0	2311	10.0	92701.2 -5116.1
2042	10.0	91042.1 -5155.9	2132	8.9	91722.7 -5127.6	2222	10.0	92159.6 -5148.4	2312	9.6	92708.7 -5151.1
2043	8.4	91044.6 -5146.7	2133	9.6	91723.7 -5114.8	2223	8.3	92200.6 -5125.2	2313	9.7	92710.7 -5138.9
2044	9.6	91046.1 -5145.4	2134	9.8	91731.7 -5153.8	2224	9.7	92200.6 -5130.0	2314	9.8	92711.7 -5148.7
2045	8.9	91100.6 -5103.2	2135	9.8	91737.1 -5102.4	2225	9.8	92202.1 -5151.2	2315	9.8	92712.2 -5142.4
2046	9.0	91102.6 -5106.5	2136	9.7	91740.2 -5117.9	2226	10.0	92203.6 -5151.8	2316	9.6	92714.7 -5151.3
2047	9.2	91107.1 -5112.6	2137	9.4	91740.2 -5110.0	2227	10.0	92209.6 -5155.6	2317	9.1	92724.2 -5123.2
2048	10.0	91113.6 -5124.1	2138	9.6	91743.3 -5102.0	2228	9.8	92209.6 -5119.4	2318	9.2	92724.2 -5156.2
2049	9.5	91115.5 -5101.6	2139	9.8	91749.2 -5119.9	2229	10.0	92210.6 -5139.7	2319	9.9	92724.7 -5150.4
2050	9.2	91115.6 -5131.1	2140	9.8	91749.2 -5103.8	2230	9.8	92210.6 -5116.2	2320	9.8	92732.2 -5157.6
2051	9.8	91117.1 -5138.2	2141	10.0	91757.2 -5134.8	2231	10.0	92210.6 -5109.8	2321	9.8	92737.7 -5155.7
2052	9.8	91118.1 -5136.9	2142	10.0	91759.2 -5124.9	2232	8.8	92217.1 -5115.8	2322	9.5	92743.2 -5112.6
2053	9.5	91120.1 -5154.4	2143	9.7	91807.2 -5122.9	2233	9.3	92217.6 -5137.1	2323	9.8	92748.2 -5133.6
2054	9.2	91122.7 -5158.8	2144	10.0	91813.7 -5121.8	2234	9.7	92218.1 -5139.0	2324	9.9	92748.7 -5149.7
2055	10.0	91123.1 -5114.1	2145	10.0	91817.7 -5133.6	2235	10.0	92221.1 -5147.2	2325	9.9	92754.7 -5116.8
2056	9.8	91129.1 -5122.8	2146	10.0	91818.2 -5107.7	2236	10.0	92223.1 -5119.3	2326	9.9	92758.7 -5141.2
2057	9.4	91137.1 -5154.4	2147	10.0	91819.2 -5121.1	2237	9.8	92226.1 -5148.8	2327	10.0	92800.2 -5150.6
2058	9.8	91142.1 -5109.7	2148	10.0	91820.7 -5116.0	2238	9.8	92228.1 -5107.6	2328	10.0	92801.2 -5136.3
2059	10.0	91144.1 -5124.3	2149	9.6	91822.7 -5117.5	2239	9.5	92229.6 -5155.6	2329	10.0	92803.2 -5153.9
2060	9.4	91147.6 -5115.6	2150	9.5	91824.2 -5157.0	2240	9.8	92231.1 -5135.1	2330	10.0	92811.8 -5159.0
2061	10.0	91149.6 -5112.6	2151	8.4	91827.7 -5155.5	2241	9.5	92235.6 -5124.4	2331	9.5	92819.2 -5112.2
2062	9.8	91159.1 -5136.2	2152	10.0	91841.2 -5152.3	2242	8.4	92237.6 -5113.7	2332	9.9	92819.7 -5136.1
2063	9.2	91204.1 -5143.8	2153	8.8	91844.2 -5136.0	2243	10.0	92240.6 -5152.8	2333	10.0	92820.7 -5149.1
2064	9.6	91209.1 -5122.0	2154	10.0	91846.2 -5128.8	2244	9.2	92241.1 -5113.8	2334	10.0	92825.7 -5153.3
2065	10.0	91210.1 -5152.7	2155	9.4	91847.7 -5122.0	2245	10.0	92241.1 -5139.0	2335	9.2	92826.2 -5132.0
2066	10.0	91213.1 -5143.0	2156	9.8	91849.7 -5150.8	2246	9.7	92244.2 -5157.1	2336	9.6	92828.3 -5157.2
2067	9.4	91213.6 -5151.0	2157	9.8	91851.2 -5146.3	2247	8.6	92251.2 -5158.6	2337	9.4	92831.7 -5114.8
2068	10.0	91214.1 -5137.4	2158	10.0	91853.2 -5117.5	2248	9.4	92251.6 -5113.8	2338	8.8	92833.7 -5119.7
2069	9.6	91219.1 -5113.3	2159	10.0	91854.2 -5104.7	2249	8.2	92252.1 -5155.4	2339	10.0	92844.7 -5156.3
2070	9.5	91220.1 -5103.9	2160	8.7	91857.2 -5122.1	2250	8.5	92255.6 -5114.6	2340	9.2	92845.7 -5112.0
2071	9.6	91226.6 -5115.8	2161	10.0	91859.2 -5121.1	2251	9.4	92255.6 -5119.4	2341	9.6	92851.2 -5151.0
2072	9.4	91233.1 -5125.0	2162	9.7	91904.3 -5100.9	2252	9.6	92256.1 -5110.4	2342	10.0	92854.7 -5110.6
2073	9.2	91234.1 -5123.7	2163	9.8	91904.3 -5119.2	2253	9.6	92259.6 -5109.6	2343	10.0	92859.7 -5114.0
2074	9.8	91236.9 -5100.1	2164	9.3	91904.7 -5133.5	2254	9.6	92303.6 -5111.1	2344	8.7	92859.7 -5146.2
2075	9.2	91237.6 -5154.5	2165	8.3	91905.2 -5116.0	2255	9.8	92319.6 -5115.2	2345	9.4	92903.7 -5142.2
2076	9.4	91248.1 -5122.9	2166	9.4	91909.2 -5145.0	2256	10.0	92333.6 -5137.2	2346	9.1	92907.7 -5135.1
2077	9.3	91249.6 -5100.2	2167	10.0	91909.7 -5134.4	2257	9.4	92335.6 -5118.1	2347	9.8	92911.7 -5121.0
2078	9.8	91252.1 -5100.1	2168	10.0	91913.2 -5130.1	2258	9.7	92342.1 -5146.3	2348	9.6	92914.2 -5140.5
2079	9.5	91252.1 -5145.1	2169	9.8	91913.2 -5134.7	2259	9.1	92348.6 -5119.0	2349	9.8	92914.7 -5142.3
2080	9.6	91252.7 -5159.7	2170	9.6	91920.2 -5115.7	2260	9.6	92350.1 -5141.6	2350	9.8	92916.2 -5145.4
2081	9.6	91255.1 -5152.3	2171	10.0	91922.0 -5158.8	2261	9.6	92350.6 -5115.4	2351	9.0	92919.7 -5132.2
2082	9.4	91257.1 -5142.4	2172	7.9	91935.1 -5153.6	2262	10.0	92356.1 -5132.8	2352	10.0	92919.7 -5126.4
2083	9.8	91300.6 -5107.3	2173	10.0	91938.6 -5114.1	2263	10.0	92358.6 -5106.6	2353	9.8	92924.2 -5150.6
2084	10.0	91303.1 -5137.3	2174	9.2	91947.1 -5125.5	2264	10.0	92404.6 -5133.1	2354	10.0	92930.7 -5123.8
2085	10.0	91303.6 -5120.5	2175	7.7	91949.6 -5112.0	2265	10.0	92408.6 -5104.8	2355	9.6	92930.7 -5115.0
2086	10.0	91321.6 -5154.6	2176	9.7	91950.6 -5146.7	2266	10.0	92409.6 -5131.3	2356	9.9	92931.2 -5148.3

-51 2357 9h29m

-51 2716 9h48m

2357	9.3	92931.7	-5129.0	2447	9.2	93358.9	-5105.8	2537	9.9	93856.4	-5133.4
2358	9.6	92939.7	-5139.6	2448	9.9	93402.4	-5126.2	2538	9.8	93859.9	-5123.2
2359	10.0	92945.2	-5131.2	2449	10.0	93404.0	-5148.1	2539	9.8	93859.9	-5133.2
2360	10.0	92948.2	-5124.8	2450	9.7	93404.9	-5159.2	2540	8.8	93901.9	-5122.0
2361	10.0	92949.7	-5127.5	2451	9.5	93405.9	-5126.2	2541	9.7	93903.4	-5108.7
2362	9.2	93005.2	-5103.8	2452	8.9	93407.9	-5147.7	2542	10.0	93906.7	-5139.4
2363	9.5	93012.7	-5116.6	2453	9.8	93408.9	-5128.0	2543	9.2	93913.9	-5122.0
2364	9.6	93012.7	-5159.1	2454	9.8	93409.9	-5129.0	2544	9.0	93915.9	-5134.2
2365	9.5	93013.2	-5110.6	2455	10.0	93411.9	-5124.9	2545	9.9	93917.2	-5100.0
2366	10.0	93013.7	-5115.4	2456	8.8	93425.4	-5154.4	2546	10.0	93921.0	-5102.7
2367	10.0	93015.7	-5123.7	2457	9.6	93435.9	-5137.1	2547	9.5	93924.4	-5115.2
2368	10.0	93016.7	-5141.5	2458	8.8	93435.9	-5103.4	2548	9.6	93930.4	-5131.8
2369	9.5	93026.2	-5120.8	2459	9.7	93435.9	-5151.0	2549	10.0	93933.4	-5109.6
2370	10.0	93026.7	-5143.4	2460	10.0	93437.9	-5123.6	2550	10.0	93935.9	-5115.0
2371	10.0	93026.9	-5102.2	2461	10.0	93439.4	-5135.4	2551	9.8	93938.9	-5122.6
2372	8.1	93029.7	-5128.2	2462	10.0	93442.4	-5110.5	2552	9.6	93940.7	-5135.3
2373	9.0	93031.7	-5136.2	2463	9.6	93444.9	-5144.6	2553	9.8	93941.9	-5129.0
2374	9.5	93039.7	-5141.0	2464	10.0	93445.4	-5111.0	2554	10.0	93941.9	-5142.3
2375	8.8	93040.7	-5120.6	2465	9.7	93445.9	-5120.2	2555	9.6	93949.4	-5139.6
2376	10.0	93044.2	-5103.3	2466	9.7	93445.9	-5143.9	2556	9.4	93953.4	-5120.6
2377	10.0	93045.7	-5159.6	2467	9.7	93451.9	-5123.5	2557	8.8	93959.9	-5140.8
2378	10.0	93048.4	-5121.2	2468	9.7	93459.9	-5106.6	2558	9.4	93959.9	-5142.8
2379	9.8	93053.7	-5138.8	2469	9.9	93503.6	-5100.4	2559	9.2	94000.7	-5102.6
2380	10.0	93055.2	-5104.2	2470	10.0	93505.9	-5125.9	2560	9.9	94004.4	-5157.8
2381	9.9	93056.2	-5140.0	2471	10.0	93519.6	-5102.2	2561	9.7	94006.9	-5142.5
2382	10.0	93100.2	-5122.4	2472	9.6	93519.9	-5129.5	2562	9.8	94008.4	-5137.0
2383	10.0	93106.2	-5152.2	2473	9.6	93521.9	-5106.2	2563	9.9	94011.9	-5157.8
2384	10.0	93108.4	-5123.8	2474	10.0	93527.9	-5158.2	2564	8.5	94012.9	-5142.2
2385	10.0	93109.7	-5105.2	2475	10.0	93530.0	-5107.4	2565	8.8	94014.9	-5112.8
2386	10.0	93110.4	-5122.1	2476	9.9	93530.9	-5131.0	2566	10.0	94015.9	-5133.9
2387	10.0	93111.7	-5154.8	2477	9.8	93530.9	-5135.2	2567	9.6	94027.9	-5100.9
2388	9.9	93112.2	-5147.6	2478	9.8	93538.1	-5102.6	2568	8.7	94043.4	-5147.2
2389	9.6	93113.7	-5120.5	2479	9.6	93542.9	-5105.2	2569	9.8	94043.9	-5154.8
2390	10.0	93115.7	-5155.6	2480	10.0	93544.9	-5151.1	2570	9.3	94046.4	-5113.8
2391	10.0	93118.2	-5100.0	2481	10.0	93545.0	-5155.5	2571	9.3	94048.4	-5137.8
2392	9.2	93118.7	-5106.8	2482	9.3	93545.9	-5104.4	2572	9.6	94049.9	-5118.0
2393	9.5	93119.7	-5130.0	2483	10.0	93552.8	-5158.8	2573	9.8	94051.9	-5141.6
2394	9.6	93127.2	-5119.6	2484	9.8	93557.0	-5145.2	2574	9.7	94053.4	-5141.2
2395	9.2	93135.7	-5107.8	2485	9.8	93600.1	-5159.4	2575	9.6	94057.4	-5125.9
2396	9.6	93136.7	-5147.2	2486	9.0	93600.9	-5135.2	2576	10.0	94103.4	-5103.1
2397	9.7	93138.2	-5113.0	2487	10.0	93600.9	-5118.7	2577	9.9	94104.9	-5150.7
2398	9.8	93141.7	-5119.0	2488	10.0	93601.9	-5157.7	2578	9.5	94105.9	-5148.0
2399	9.7	93145.7	-5118.5	2489	9.9	93606.4	-5133.6	2579	9.8	94114.4	-5144.3
2400	9.8	93145.9	-5158.9	2490	9.8	93608.4	-5103.7	2580	7.9	94118.9	-5142.5
2401	8.4	93147.2	-5111.1	2491	9.5	93609.9	-5127.0	2581	9.9	94119.9	-5156.0
2402	9.3	93155.7	-5137.4	2492	9.4	93611.1	-5100.8	2582	9.5	94119.9	-5154.3
2403	8.7	93159.4	-5159.2	2493	10.0	93613.9	-5128.3	2583	9.8	94122.4	-5154.1
2404	9.6	93204.7	-5106.6	2494	9.9	93615.9	-5126.8	2584	10.0	94123.4	-5149.8
2405	9.5	93206.2	-5116.8	2495	10.0	93624.9	-5143.8	2585	10.0	94127.9	-5101.6
2406	9.7	93209.2	-5143.2	2496	8.9	93626.4	-5143.6	2586	9.8	94127.9	-5104.1
2407	9.9	93210.2	-5142.6	2497	10.0	93631.4	-5117.2	2587	10.0	94128.9	-5149.5
2408	10.0	93214.7	-5103.4	2498	9.7	93632.9	-5126.0	2588	10.0	94129.9	-5152.5
2409	8.8	93215.5	-5158.5	2499	9.7	93635.9	-5114.9	2589	8.9	94130.9	-5108.8
2410	9.9	93219.9	-5104.0	2500	9.2	93646.4	-5130.6	2590	10.0	94138.9	-5137.2
2411	9.8	93220.9	-5126.2	2501	9.2	93649.9	-5152.8	2591	9.8	94141.9	-5107.7
2412	9.7	93221.9	-5114.6	2502	9.6	93649.9	-5144.0	2592	10.0	94142.4	-5156.2
2413	9.6	93227.4	-5114.2	2503	8.3	93651.9	-5103.8	2593	9.8	94145.4	-5104.1
2414	9.9	93227.4	-5109.2	2504	9.3	93653.9	-5138.0	2594	9.6	94153.4	-5137.6
2415	9.7	93228.9	-5109.9	2505	8.9	93659.9	-5118.2	2595	9.7	94155.9	-5109.9
2416	8.9	93230.9	-5153.8	2506	10.0	93700.9	-5158.3	2596	9.2	94203.9	-5108.5
2417	9.7	93232.4	-5132.1	2507	10.0	93702.9	-5132.2	2597	9.8	94204.9	-5147.8
2418	9.2	93233.4	-5131.0	2508	9.6	93703.9	-5129.6	2598	10.0	94206.9	-5137.0
2419	9.6	93234.9	-5125.8	2509	9.6	93704.9	-5131.6	2599	9.8	94209.4	-5127.6
2420	9.5	93239.5	-5158.7	2510	10.0	93709.9	-5110.0	2600	9.8	94211.4	-5100.9
2421	9.8	93239.9	-5114.6	2511	8.2	93710.9	-5158.2	2601	9.6	94216.9	-5132.8
2422	9.6	93241.9	-5113.0	2512	9.0	93711.4	-5152.5	2602	10.0	94219.9	-5109.2
2423	10.0	93244.4	-5131.0	2513	9.9	93714.4	-5120.0	2603	9.9	94219.9	-5157.9
2424	9.0	93245.9	-5102.0	2514	9.3	93719.9	-5144.8	2604	10.0	94220.4	-5101.9
2425	9.5	93248.9	-5121.0	2515	9.6	93720.4	-5117.4	2605	8.7	94221.4	-5139.8
2426	9.8	93249.9	-5157.5	2516	9.4	93728.9	-5138.8	2606	10.0	94221.9	-5115.5
2427	9.2	93250.9	-5152.6	2517	9.8	93729.9	-5109.0	2607	10.0	94222.9	-5151.0
2428	10.0	93252.4	-5145.6	2518	9.8	93737.9	-5104.2	2608	10.0	94224.9	-5104.0
2429	10.0	93300.9	-5138.5	2519	9.6	93740.1	-5100.3	2609	9.6	94224.9	-5124.9
2430	10.0	93306.4	-5103.2	2520	9.5	93742.6	-5100.0	2610	9.7	94227.9	-5141.4
2431	9.8	93309.9	-5104.5	2521	10.0	93747.9	-5143.0	2611	8.8	94230.9	-5149.8
2432	10.0	93316.9	-5138.8	2522	10.0	93754.9	-5112.5	2612	10.0	94230.9	-5117.1
2433	9.6	93318.9	-5157.9	2523	10.0	93808.9	-5123.7	2613	9.9	94231.9	-5110.1
2434	9.0	93321.9	-5139.8	2524	9.2	93812.4	-5145.2	2614	9.7	94232.4	-5120.5
2435	9.9	93324.9	-5113.0	2525	9.9	93812.9	-5108.0	2615	9.8	94232.8	-5104.1
2436	10.0	93329.9	-5148.8	2526	9.5	93814.4	-5125.0	2616	8.9	94236.8	-5137.7
2437	9.7	93332.9	-5154.4	2527	9.6	93814.9	-5148.0	2617	9.8	94239.8	-5103.8
2438	9.9	93336.4	-5141.3	2528	9.8	93815.9	-5114.2	2618	9.8	94239.8	-5129.8
2439	9.9	93337.9	-5154.4	2529	9.8	93818.9	-5125.2	2619	10.0	94243.3	-5158.5
2440	9.6	93338.1	-5159.2	2530	10.0	93825.9	-5108.2	2620	9.7	94245.8	-5114.3
2441	10.0	93344.9	-5149.6	2531	8.8	93828.9	-5128.0	2621	9.7	94246.4	-5102.3
2442	9.5	93344.9	-5149.4	2532	9.6	93829.9	-5116.6	2622	10.0	94253.7	-5134.4
2443	9.8	93344.9	-5102.0	2533	9.1	93831.4	-5135.5	2623	10.0	94257.7	-5134.3
2444	9.7	93345.9	-5124.7	2534	9.9	93839.4	-5109.6	2624	9.2	94303.8	-5131.9
2445	9.9	93349.9	-5105.8	2535	10.0	93848.9	-5114.6	2625	10.1	94308.7	-5138.9
2446	9.8	93349.9	-5137.2	2536	9.6	93851.4	-5119.8	2626	9.9	94308.8	-5144.7
2627	10.0	94309.3	-5111.0								
2628	10.0	94309.8	-5103.3								
2629	10.0	94314.8	-5108.7								
2630	9.3	94322.8	-5134.0								
2631	9.7	94327.8	-5131.8								
2632	9.5	94330.8	-5115.9								
2633	9.5	94330.8	-5142.6								
2634	9.7	94333.8	-5122.3								
2635	9.8	94335.3	-5134.0								
2636	10.0	94354.3	-5116.7								
2637	9.5	94355.3	-5145.7								
2638	10.0	94357.8	-5110.1								
2639	9.8	94359.8	-5142.9								
2640	8.4	94400.8	-5156.2								
2641	8.9	94410.8	-5129.0								
2642	8.8	94412.8	-5150.6								
2643	9.2	94413.3	-5134.8								
2644	9.5	94413.8	-5110.6								
2645	9.6	94414.8	-5122.0								
2646	10.0	94420.8	-5135.9								
2647	10.0	94427.8	-5120.6								
2648	9.8	94428.3	-5134.5								
2649	10.0	94437.6	-5140.1								
2650	9.9	94441.3	-5134.4								
2651	9.7	94444.3	-5127.2								
2652	9.2	94445.3	-5148.7								
2653	8.6	94447.1	-5125.0								
2654	9.8	94451.2	-5155.9								
2655	9.8	94455.1	-5155.0								
2656	9.8	94459.6	-5133.1								
2657	9.7	94503.1	-5150.9								
2658	7.8	94505.6	-5132.6								
2659	8.3	94509.4	-5117.4								
2660	9.6	94510.7	-5158.0								
2661	9.8	94516.1	-5110.8								
2662	9.8	94529.6	-5121.8								
2663	9.6	94530.4	-5114.8								
2664	9.6	94532.9	-5114.7								
2665	9.7	94539.6	-5125.1								
2666	9.8	94541.1	-5132.0								
2667	9.6	94543.6	-5147.5								
2668	9.8	94554.1	-5144.3								
2669	9.4	94555.6	-5137.4								
2670	9.5	94557.1	-5144.0								
2671	9.8	94600.6	-5147.2								
2672	9.0	94601.1	-5122.0								
2673	9.6	94604.1	-5146.5								
2674	9.5	94609.1	-5129.1								
2675	9.6	94609.6	-5136.5								
2676	9.8	94611.9	-5101.2								
2677	9.0	94618.6	-5156.4								
2678	8.9	94618.6	-5134.9								
2679	9.7	94621.1	-5154.9								
2680	8.6	94624.1	-5115.7								
2681	9.2	94628.1	-5153.4								
2682	9.2	94628.6	-5109.2								
2683	9.4	94632.1	-5136.7								
2684	9.6	94634.1	-5109.8								
2685	9.8	94634.1	-5126.9								
2686	9.1	94639.1	-5157.9								
2687	9.8	94643.1	-5149.8								
2688	9.6	94645.6	-5108.7								
2689	9.6	94649.6	-5120.7								
2690	9.4	94650.1	-5151.8								
2691	9.8	94650.1	-5141.5								
2692	9.8	94652.1	-5149.8								
2693	8.1	94652.1	-5121.2								
2694	9.0	94655.6	-5122.9								
2695	9.8	94703.1	-5141.6								
2696	9.8	94704.1	-5147.7								
2697	8.8	94705.6	-5116.6								
2698	9.4	94708.1	-5143.3								
2699	9.8	94713.6	-5119.2								
2700	9.8	94714.6	-5117.6								
2701	9.4	94722.1	-5125.4								
2702	9.8	94726.1	-5137.9								
2703	9.8	94728.1	-5157.2								
2704	8.4	94728.6	-5146.7								
2705	9.5	94729.6	-5123.0								
2706	9.1	94740.1	-5114.9								
2707	9.8	94741.1	-5129.5								
2708	9.6	94742.6	-5107.9								
2709	9.5	94743.6	-5111.9								
2710	9.6	94745.3	-5109.1								
2711	9.8	94759.1	-5157.9								
2712	7.7	94804.6	-5107.6								
2713	9.8	94809.6	-5153.9								
2714	9.7	94810.6	-5152.7								
2715	9.0	94813.1	-5150.6								
2716	9.5	94814.6	-5153.7								

-51 2717 9h48m

-51 3076 10h07m

2717	9.8	94817.1	-5113.9	2807	9.6	95258.1	-5155.6	2897	9.6	95625.0	-5105.2	2987	9.4	100246.3	-5105.2
2718	9.4	94818.1	-5136.3	2808	8.6	95258.1	-5119.2	2898	9.6	95647.5	-5104.8	2988	9.8	100246.5	-5106.5
2719	9.5	94820.6	-5116.1	2809	9.8	95304.1	-5142.4	2899	9.1	95703.5	-5103.0	2989	9.6	100249.3	-5132.1
2720	9.3	94823.6	-5145.5	2810	9.8	95308.6	-5122.1	2900	9.6	95704.5	-5138.9	2990	9.6	100259.3	-5138.8
2721	9.8	94824.1	-5142.9	2811	9.6	95312.6	-5136.5	2901	9.6	95710.5	-5112.3	2991	9.6	100300.3	-5125.6
2722	8.1	94829.6	-5131.2	2812	9.6	95317.6	-5127.1	2902	9.5	95710.5	-5157.3	2992	9.8	100301.3	-5143.9
2723	9.7	94830.6	-5143.2	2813	9.1	95319.8	-5140.8	2903	9.8	95711.0	-5135.2	2993	9.7	100305.8	-5148.8
2724	9.6	94831.6	-5127.5	2814	9.8	95322.1	-5139.1	2904	9.2	95712.0	-5109.3	2994	9.5	100306.3	-5103.0
2725	9.7	94834.1	-5152.1	2815	9.5	95322.1	-5144.9	2905	9.4	95717.1	-5158.8	2995	9.5	100310.3	-5124.9
2726	9.5	94835.6	-5113.8	2816	9.6	95323.6	-5100.5	2906	9.8	95720.0	-5126.3	2996	9.8	100312.3	-5117.9
2727	9.0	94838.2	-5120.4	2817	9.8	95323.6	-5135.4	2907	9.5	95721.0	-5126.4	2997	9.8	100335.3	-5110.8
2728	9.8	94839.6	-5103.8	2818	9.4	95323.8	-5141.7	2908	9.5	95724.0	-5119.4	2998	9.0	100338.3	-5108.6
2729	9.0	94842.9	-5158.9	2819	9.7	95324.6	-5128.8	2909	9.5	95732.0	-5126.4	2999	9.3	100342.8	-5100.4
2730	8.9	94843.1	-5129.1	2820	9.8	95326.1	-5158.6	2910	9.3	95732.0	-5144.7	3000	9.6	100346.8	-5151.1
2731	8.2	94847.6	-5116.9	2821	9.8	95327.6	-5158.1	2911	9.2	95752.5	-5152.9	3001	9.0	100350.3	-5107.6
2732	9.6	94847.6	-5137.1	2822	9.8	95330.1	-5155.9	2912	9.7	95759.5	-5114.6	3002	9.8	100350.3	-5139.7
2733	9.8	94849.1	-5130.9	2823	9.4	95330.6	-5147.1	2913	9.4	95800.0	-5114.1	3003	9.3	100356.3	-5111.0
2734	9.5	94849.6	-5126.0	2824	9.0	95331.1	-5133.9	2914	9.8	95800.5	-5128.9	3004	9.4	100400.3	-5108.5
2735	9.8	94849.6	-5124.5	2825	9.8	95332.5	-5135.4	2915	9.5	95815.5	-5159.5	3005	9.5	100400.3	-5146.4
2736	9.0	94854.1	-5108.6	2826	9.8	95339.0	-5120.8	2916	9.8	95816.2	-5147.8	3006	9.7	100406.3	-5151.8
2737	9.8	94855.1	-5131.5	2827	9.8	95339.5	-5120.2	2917	9.3	95816.5	-5106.7	3007	9.4	100410.3	-5156.5
2738	9.8	94855.6	-5109.0	2828	9.4	95340.0	-5131.0	2918	9.2	95817.6	-5159.3	3008	5.7	100411.8	-5111.9
2739	9.8	94859.6	-5123.2	2829	9.8	95352.5	-5124.7	2919	9.8	95818.5	-5157.7	3009	9.6	100413.8	-5151.8
2740	9.8	94904.1	-5134.5	2830	9.8	95358.5	-5111.1	2920	9.4	95824.0	-5152.5	3010	9.4	100415.3	-5114.1
2741	9.6	94906.1	-5107.9	2831	9.2	95359.0	-5115.8	2921	9.8	95828.0	-5147.9	3011	9.3	100417.8	-5131.9
2742	9.8	94909.6	-5130.5	2832	9.6	95401.0	-5146.5	2922	9.5	95829.5	-5129.6	3012	8.8	100418.3	-5144.1
2743	9.8	94914.1	-5126.9	2833	9.8	95402.5	-5142.8	2923	8.3	95830.3	-5127.2	3013	8.6	100422.3	-5130.5
2744	8.8	94918.9	-5102.7	2834	9.5	95411.5	-5153.1	2924	8.0	95831.8	-5126.5	3014	9.8	100425.3	-5149.0
2745	9.8	94919.1	-5131.7	2835	9.8	95414.0	-5155.3	2925	9.8	95832.3	-5101.0	3015	9.6	100426.3	-5150.0
2746	9.8	94921.6	-5138.5	2836	9.6	95414.0	-5158.4	2926	9.2	95832.8	-5139.6	3016	9.5	100428.3	-5149.5
2747	9.7	94922.1	-5156.1	2837	8.9	95415.2	-5114.0	2927	9.5	95854.3	-5149.1	3017	9.5	100429.8	-5102.5
2748	9.5	94927.1	-5131.0	2838	9.6	95416.5	-5149.0	2928	9.5	95855.3	-5142.0	3018	9.1	100434.3	-5134.0
2749	9.8	94928.1	-5108.4	2839	9.8	95417.5	-5122.0	2929	9.7	95859.5	-5159.9	3019	9.6	100437.8	-5134.0
2750	8.6	94937.1	-5110.0	2840	9.1	95419.0	-5156.8	2930	9.8	95909.3	-5146.2	3020	9.7	100448.8	-5128.1
2751	9.7	94938.1	-5129.8	2841	9.6	95419.5	-5106.4	2931	9.8	95910.3	-5144.5	3021	9.8	100455.8	-5123.6
2752	9.5	94940.4	-5124.5	2842	9.2	95420.5	-5146.9	2932	9.5	95920.0	-5157.5	3022	9.7	100456.0	-5101.8
2753	9.8	94941.6	-5117.0	2843	9.3	95424.5	-5137.2	2933	9.8	95928.3	-5105.6	3023	9.7	100458.8	-5147.5
2754	9.8	94944.1	-5104.8	2844	9.4	95428.0	-5142.1	2934	9.7	95929.8	-5151.1	3024	9.4	100507.3	-5146.7
2755	9.7	94953.1	-5127.8	2845	9.8	95429.2	-5150.1	2935	9.4	95938.3	-5124.5	3025	9.8	100511.8	-5129.8
2756	9.4	95003.6	-5147.5	2846	8.9	95430.0	-5139.4	2936	9.8	95939.8	-5153.2	3026	9.8	100517.3	-5114.9
2757	9.8	95009.6	-5158.2	2847	9.8	95430.5	-5152.9	2937	9.8	95945.3	-5112.3	3027	9.8	100517.8	-5114.7
2758	9.1	95009.6	-5156.5	2848	9.8	95432.0	-5153.7	2938	7.7	95947.3	-5111.6	3028	9.7	100520.1	-5108.7
2759	9.8	95012.6	-5134.0	2849	9.5	95435.0	-5123.8	2939	9.0	95956.3	-5108.0	3029	9.8	100524.6	-5141.4
2760	9.8	95014.6	-5130.3	2850	9.5	95437.5	-5113.3	2940	9.8	95956.8	-5148.2	3030	9.8	100528.1	-5148.0
2761	9.0	95016.6	-5129.8	2851	9.6	95437.5	-5154.4	2941	8.9	95957.3	-5126.6	3031	9.4	100530.8	-5101.7
2762	9.6	95021.4	-5158.5	2852	9.8	95439.0	-5149.4	2942	9.8	100000.3	-5142.1	3032	9.8	100531.1	-5115.2
2763	9.4	95025.1	-5156.3	2853	9.4	95441.0	-5149.0	2943	9.8	100003.3	-5152.7	3033	9.7	100534.6	-5140.9
2764	9.8	95029.1	-5124.3	2854	9.6	95441.5	-5112.9	2944	9.2	100004.8	-5113.4	3034	9.7	100535.6	-5144.8
2765	9.4	95029.6	-5120.8	2855	9.6	95444.5	-5100.8	2945	8.4	100013.3	-5125.1	3035	9.8	100538.1	-5135.3
2766	9.8	95033.1	-5133.6	2856	9.8	95445.0	-5126.0	2946	9.4	100014.3	-5136.0	3036	9.7	100538.1	-5110.6
2767	9.8	95037.6	-5122.6	2857	9.8	95445.0	-5152.1	2947	9.8	100020.8	-5122.6	3037	9.4	100539.6	-5128.9
2768	9.8	95037.7	-5120.9	2858	9.4	95448.0	-5139.6	2948	9.8	100021.8	-5114.1	3038	9.8	100540.0	-5115.2
2769	9.7	95043.6	-5137.9	2859	9.8	95451.5	-5121.3	2949	9.3	100029.3	-5156.2	3039	9.5	100541.3	-5158.0
2770	9.6	95044.1	-5155.9	2860	9.4	95451.5	-5107.9	2950	9.7	100030.3	-5158.6	3040	9.4	100544.1	-5120.1
2771	9.8	95044.1	-5135.4	2861	9.8	95454.0	-5154.1	2951	9.8	100036.3	-5147.6	3041	9.0	100548.6	-5104.8
2772	9.6	95048.6	-5119.9	2862	9.8	95455.0	-5102.1	2952	9.8	100038.3	-5150.2	3042	9.8	100553.1	-5144.8
2773	9.8	95048.6	-5156.5	2863	9.6	95459.0	-5142.8	2953	9.8	100038.3	-5130.9	3043	9.5	100555.1	-5128.9
2774	9.8	95049.6	-5153.9	2864	9.5	95459.5	-5134.9	2954	9.8	100039.5	-5107.2	3044	9.6	100559.1	-5120.5
2775	9.8	95058.6	-5157.7	2865	9.8	95506.5	-5128.0	2955	9.8	100047.3	-5106.9	3045	8.9	100600.1	-5106.2
2776	9.8	95101.6	-5111.0	2866	9.5	95511.0	-5152.6	2956	9.8	100049.3	-5130.2	3046	9.8	100610.1	-5133.5
2777	9.5	95108.1	-5116.5	2867	9.3	95512.0	-5127.1	2957	8.9	100049.8	-5101.7	3047	9.6	100620.1	-5128.6
2778	8.1	95108.7	-5142.8	2868	8.9	95514.0	-5115.0	2958	9.8	100049.8	-5155.0	3048	9.4	100620.1	-5133.1
2779	9.4	95109.6	-5153.1	2869	9.8	95518.0	-5150.9	2959	9.7	100050.3	-5151.4	3049	8.4	100620.3	-5159.3
2780	9.8	95109.7	-5138.5	2870	9.8	95519.5	-5144.8	2960	9.5	100050.3	-5113.2	3050	9.7	100624.1	-5122.8
2781	9.7	95110.6	-5125.2	2871	8.9	95520.5	-5158.2	2961	9.6	100051.3	-5154.7	3051	9.6	100624.6	-5151.4
2782	9.4	95112.1	-5132.8	2872	9.5	95523.5	-5149.1	2962	9.8	100051.3	-5157.9	3052	9.8	100627.1	-5109.7
2783	9.5	95119.6	-5137.5	2873	9.3	95523.5	-5134.3	2963	9.4	100100.3	-5133.2	3053	9.5	100639.1	-5150.2
2784	8.6	95122.6	-5142.0	2874	9.8	95525.5	-5157.2	2964	8.2	100107.3	-5147.9	3054	9.8	100650.1	-5149.0
2785	9.1	95126.1	-5159.2	2875	9.8	95528.4	-5151.4	2965	9.8	100110.5	-5103.5	3055	9.8	100650.1	-5155.6
2786	9.8	95126.6	-5105.0	2876	9.3	95531.0	-5156.7	2966	9.8	100115.8	-5116.2	3056	9.8	100650.8	-5158.6
2787	9.8	95130.8	-5142.1	2877	9.5	95532.5	-5144.5	2967	9.6	100125.3	-5128.2	3057	9.6	100700.1	-5124.5
2788	9.6	95136.6	-5140.5	2878	9.8	95535.0	-5144.4	2968	8.0	100127.3	-5134.7	3058	9.4	100708.6	-5158.3
2789	9.5	95143.1	-5148.9	2879	8.8	95541.0	-5106.3	2969	9.8	100133.8	-5108.9	3059	9.8	100710.6	-5152.9
2790	9.8	95144.8	-5127.9	2880	9.8	95544.0	-5136.9	2970	8.8	100139.8	-5126.8	3060	9.8	100711.1	-5143.8
2791	9.3	95145.1	-5110.0	2881	9.8	95544.5	-5114.4	2971	9.2	100146.3	-5139.6	3061	9.8	100715.1	-5151.7
2792	9.4	95146.1	-5142.8	2882	9.4	95550.0	-5154.9	2972	9.4	100149.3	-5117.1	3062	9.6	100720.1	-5144.8
2793	9.5	95149.6	-5116.0	2883	9.5	95550.0	-5133.7	2973	8.8	100149.8	-5151.3	3063	9.8	100720.1	-5122.2
2794	9.8	95150.6	-5157.9	2884	9.8	95550.5	-5127.5	2974	9.8	100157.5	-5158.1	3064	9.6	100720.1	-5144.1
2795	9.8	95155.1	-5125.2	2885	9.7	95556.0	-5146.9	2975	9.4	100200.3	-5149.8	3065	9.8	100723.1	-5130.5
2796	8.0	95204.6	-5114.2	2886	9.5	95600.5	-5113.3	2976	9.8	100200.5	-5115.8	3066	9.0	100728.6	-5149.7
2797	9.8	95208.1	-5133.1	2887	9.8	95600.5	-5138.7	2977	9.8	100202.3	-5120.5	3067	9.8	100730.1	-5122.2
2798	9.7	95209.6	-5154.5	2888	9.4	95611.0	-5131.6	2978	9.4	100206.8	-5136.3	3068	9.0	100735.1	-5123.6
2799	9.8	95211.1	-5132.9	2889	9.5	95612.4	-5148.1	2979	9.8	100214.3	-5110.1	3069	8.0	100738.1	-5132.7
2800	9.8	95225.6	-5137.3	2890	8.9	95614.5	-5106.0	2980	9.8	100214.8	-5155.1	3070	9.0	100740.1	-5158.2
2801	9.7	95230.6	-5117.9	2891	9.3	95615.0	-5159.7	2981	8.6	100215.3	-5142.3	3071	9.4	100740.1	-5131.1
2802	9.8	95235.6	-5122.8	2892	9.8	95619.0	-5104.9	2982	9.8	100216.3	-5155.5	3072	9.8	100741.1	-5115.4
2803	9.8	95239.6	-5133.5	2893	9.8	95622.5	-5116.7	2983	9.8	100216.5	-5127.0	3073	9.4	100742.1	-5108.2
2804	9.8	95239.6	-5152.9	2894	9.1	95622.5	-5103.5	2984	9.4	100219.0	-5158.4	3074	9.5	100751.1	-5146.9
2805	9.3	95243.6	-5140.5	2895	9.8	95623.5	-5115.7	2985	9.6	100221.3	-5112.6	3075	9.6	100751.1	-5118.9
2806	9.4	95245.6	-5122.9	2896	9.4	95624.5	-5139.1	2986	8.1	100230.3	-5155.6	3076	9.8	100751.1	-5108.0

-51 3077 10h07m

-51 3436 10h31m

3077	9.8	100751.1	-5103.5	3167	9.8	101306.6	-5148.5	3257	9.6	101706.3	-5118.9
3078	9.5	100753.6	-5155.5	3168	8.4	101308.1	-5119.2	3258	9.8	101708.4	-5156.9
3079	9.8	100754.1	-5151.2	3169	9.7	101308.1	-5157.9	3259	9.8	101713.3	-5108.9
3080	9.8	100759.6	-5154.9	3170	9.6	101310.1	-5145.5	3260	10.0	101720.8	-5115.8
3081	9.8	100759.6	-5131.9	3171	9.6	101315.1	-5145.2	3261	9.8	101726.3	-5133.8
3082	9.8	100802.1	-5125.9	3172	9.6	101317.6	-5110.2	3262	9.4	101727.8	-5140.9
3083	9.6	100809.1	-5139.5	3173	9.5	101319.6	-5147.1	3263	9.6	101731.3	-5124.9
3084	9.3	100813.1	-5148.2	3174	9.6	101320.1	-5130.2	3264	9.7	101732.3	-5118.3
3085	9.6	100819.1	-5156.0	3175	9.4	101320.5	-5157.2	3265	9.6	101732.8	-5126.9
3086	9.8	100821.6	-5134.1	3176	9.5	101321.1	-5112.9	3266	10.0	101749.8	-5117.1
3087	9.7	100823.1	-5145.1	3177	9.1	101326.1	-5130.8	3267	8.8	101758.3	-5149.4
3088	9.0	100823.1	-5145.4	3178	9.2	101327.6	-5117.0	3268	9.4	101758.3	-5129.9
3089	9.8	100824.6	-5141.9	3179	9.4	101330.1	-5146.8	3269	9.3	101759.3	-5114.9
3090	9.2	100825.1	-5105.9	3180	8.2	101330.1	-5142.2	3270	9.4	101809.3	-5107.2
3091	9.8	100826.1	-5149.1	3181	9.8	101330.1	-5104.4	3271	10.0	101813.3	-5107.6
3092	9.6	100830.1	-5100.2	3182	9.8	101332.1	-5106.4	3272	10.0	101816.8	-5150.8
3093	9.5	100830.1	-5153.9	3183	8.0	101341.1	-5107.2	3273	9.8	101822.8	-5102.7
3094	9.7	100833.1	-5107.5	3184	9.8	101343.1	-5102.1	3274	10.0	101827.8	-5151.0
3095	9.8	100835.6	-5137.8	3185	9.8	101346.7	-5135.4	3275	9.4	101831.8	-5113.5
3096	7.0	100840.1	-5108.2	3186	9.4	101349.1	-5115.1	3276	9.5	101831.8	-5120.0
3097	9.8	100841.1	-5148.6	3187	9.8	101359.6	-5123.8	3277	10.0	101837.8	-5109.1
3098	8.9	100845.1	-5127.2	3188	9.8	101400.1	-5125.9	3278	10.0	101848.8	-5117.5
3099	9.8	100846.1	-5150.0	3189	8.9	101410.6	-5133.9	3279	9.3	101855.3	-5137.0
3100	9.7	100852.1	-5154.1	3190	9.6	101413.1	-5134.9	3280	9.0	101901.8	-5139.0
3101	9.8	100857.1	-5144.4	3191	9.4	101413.8	-5102.4	3281	10.0	101903.8	-5135.3
3102	9.8	100901.1	-5124.8	3192	9.5	101414.1	-5112.0	3282	8.8	101911.8	-5125.6
3103	9.8	100901.1	-5128.7	3193	9.1	101416.6	-5110.1	3283	9.2	101913.6	-5157.1
3104	9.8	100907.1	-5123.6	3194	9.8	101421.6	-5101.4	3284	9.5	101914.8	-5117.9
3105	9.8	100910.1	-5100.5	3195	8.9	101429.1	-5111.5	3285	10.0	101919.8	-5151.6
3106	9.8	100911.6	-5131.9	3196	9.8	101434.6	-5137.1	3286	9.0	101928.3	-5123.8
3107	9.1	100915.1	-5126.3	3197	9.8	101439.1	-5149.1	3287	8.8	101929.8	-5131.6
3108	9.7	100915.1	-5107.1	3198	9.8	101440.1	-5120.9	3288	9.0	101931.8	-5104.8
3109	9.8	100920.6	-5152.6	3199	9.1	101445.1	-5138.8	3289	8.7	101947.3	-5110.1
3110	9.8	100925.1	-5147.1	3200	9.5	101448.6	-5104.4	3290	9.4	101957.3	-5113.8
3111	9.8	100929.6	-5151.5	3201	9.2	101455.9	-5124.3	3291	8.2	101959.3	-5155.1
3112	9.8	100932.1	-5155.6	3202	9.8	101500.6	-5148.9	3292	10.0	102004.3	-5125.1
3113	9.6	100935.6	-5127.1	3203	9.8	101505.6	-5102.6	3293	10.0	102019.8	-5106.2
3114	7.8	100940.1	-5111.7	3204	9.8	101508.1	-5143.8	3294	8.0	102021.8	-5155.9
3115	9.8	100940.1	-5100.0	3205	9.8	101510.1	-5105.3	3295	9.6	102030.8	-5117.9
3116	9.5	100950.1	-5122.4	3206	9.7	101511.1	-5117.9	3296	9.6	102034.8	-5103.8
3117	9.8	100954.6	-5115.7	3207	9.0	101513.2	-5112.0	3297	9.4	102034.8	-5124.8
3118	9.8	101002.1	-5137.8	3208	9.8	101513.6	-5115.8	3298	9.2	102037.8	-5132.0
3119	9.5	101004.1	-5154.0	3209	9.8	101515.6	-5137.6	3299	9.6	102041.3	-5143.9
3120	9.8	101006.6	-5153.9	3210	9.4	101520.6	-5110.5	3300	9.2	102049.3	-5124.4
3121	9.6	101008.6	-5126.0	3211	7.7	101520.9	-5158.5	3301	9.4	102055.8	-5113.3
3122	9.8	101019.6	-5152.2	3212	8.2	101521.1	-5134.0	3302	9.4	102100.3	-5109.3
3123	9.8	101020.6	-5101.1	3213	9.4	101523.7	-5131.5	3303	9.8	102100.8	-5128.3
3124	9.8	101022.1	-5106.8	3214	9.4	101526.8	-5115.9	3304	9.8	102112.3	-5145.0
3125	9.6	101026.1	-5113.2	3215	10.0	101530.3	-5116.1	3305	9.8	102119.3	-5104.5
3126	9.8	101029.1	-5149.0	3216	10.0	101530.6	-5115.8	3306	10.0	102120.3	-5101.5
3127	9.8	101034.6	-5136.9	3217	9.8	101535.8	-5154.2	3307	9.8	102130.8	-5127.7
3128	9.8	101036.6	-5101.8	3218	8.9	101539.8	-5124.9	3308	10.0	102137.3	-5137.5
3129	9.7	101040.1	-5111.1	3219	9.2	101540.8	-5149.8	3309	9.6	102151.8	-5129.2
3130	9.8	101042.1	-5126.6	3220	8.6	101548.3	-5102.6	3310	8.7	102158.3	-5159.5
3131	9.4	101044.1	-5141.4	3221	10.0	101551.6	-5103.0	3311	9.4	102200.3	-5126.7
3132	9.8	101046.1	-5110.4	3222	9.4	101553.2	-5124.8	3312	10.0	102202.8	-5146.6
3133	9.7	101048.6	-5102.5	3223	9.6	101555.8	-5117.7	3313	10.0	102205.1	-5158.4
3134	9.8	101056.1	-5100.4	3224	9.4	101600.8	-5138.5	3314	9.4	102225.3	-5103.9
3135	9.8	101057.6	-5139.1	3225	8.8	101600.8	-5122.2	3315	9.5	102231.8	-5148.2
3136	9.8	101058.1	-5104.3	3226	8.5	101601.3	-5114.0	3316	10.0	102244.3	-5149.5
3137	9.7	101100.1	-5147.5	3227	9.0	101602.8	-5111.8	3317	10.0	102254.8	-5110.1
3138	8.4	101101.1	-5134.8	3228	9.5	101609.8	-5151.8	3318	10.0	102255.8	-5156.0
3139	9.8	101104.1	-5104.3	3229	10.0	101612.3	-5132.6	3319	9.5	102256.8	-5116.9
3140	9.8	101106.1	-5115.5	3230	10.0	101614.3	-5137.3	3320	9.8	102302.8	-5120.3
3141	9.8	101117.6	-5132.1	3231	8.2	101617.3	-5107.2	3321	8.9	102314.8	-5125.0
3142	9.6	101119.6	-5117.6	3232	9.8	101618.3	-5153.0	3322	8.0	102321.3	-5155.5
3143	9.4	101123.1	-5145.4	3233	9.0	101619.8	-5136.8	3323	9.0	102321.8	-5103.9
3144	9.8	101134.1	-5151.0	3234	8.2	101619.8	-5105.0	3324	10.0	102324.7	-5102.3
3145	9.5	101138.6	-5128.0	3235	9.8	101624.8	-5112.9	3325	10.0	102332.3	-5124.1
3146	9.2	101139.1	-5139.4	3236	8.0	101625.8	-5106.7	3326	9.4	102333.8	-5131.3
3147	9.3	101140.1	-5150.5	3237	9.5	101628.8	-5108.0	3327	9.6	102336.1	-5158.7
3148	9.8	101141.1	-5111.7	3238	9.8	101630.3	-5134.1	3328	9.0	102336.8	-5108.7
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3150	9.0	101154.1	-5117.8	3240	8.8	101630.8	-5106.4	3330	9.5	102341.8	-5111.2
3151	9.5	101200.1	-5146.9	3241	8.9	101630.8	-5111.9	3331	10.0	102346.3	-5125.4
3152	9.8	101202.1	-5127.9	3242	8.9	101633.8	-5104.4	3332	8.8	102350.8	-5145.1
3153	9.6	101212.1	-5130.9	3243	8.6	101636.3	-5107.5	3333	10.0	102406.8	-5122.9
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3155	9.8	101220.3	-5158.1	3245	8.5	101638.3	-5103.7	3335	9.4	102419.8	-5121.7
3156	9.1	101221.1	-5151.9	3246	9.6	101639.8	-5150.8	3336	10.0	102421.3	-5142.6
3157	9.6	101221.1	-5149.9	3247	10.0	101641.8	-5105.9	3337	10.0	102429.8	-5125.1
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-51 3437 10h31m

-51 3796 10h57m

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3517 8.6 103726.1 -5118.2	3607 10.0 104415.6 -5128.5	3697 10.0 105050.1 -5141.4	3787 9.8 105700.5 -5144.9
3518 9.4 103727.1 -5151.1	3608 10.0 104420.1 -5118.8	3698 10.0 105050.6 -5140.9	3788 9.6 105703.5 -5147.2
3519 10.0 103734.1 -5150.0	3609 10.0 104430.4 -5125.1	3699 8.2 105051.6 -5155.8	3789 9.8 105708.5 -5113.0
3520 10.0 103742.1 -5125.0	3610 9.7 104434.1 -5121.5	3700 10.2 105059.1 -5127.4	3790 10.3 105709.0 -5125.0
3521 10.0 103750.6 -5124.4	3611 9.6 104440.1 -5138.3	3701 9.8 105100.6 -5129.2	3791 9.8 105709.5 -5154.2
3522 10.0 103751.4 -5102.2	3612 10.0 104441.9 -5156.5	3702 10.3 105102.1 -5119.5	3792 10.0 105710.5 -5128.8
3523 9.8 103800.4 -5101.0	3613 9.0 104444.9 -5138.3	3703 10.0 105104.6 -5124.5	3793 10.3 105711.0 -5143.3
3524 10.0 103818.1 -5111.4	3614 10.3 104448.0 -5111.4	3704 10.0 105109.1 -5136.3	3794 9.4 105711.5 -5117.9
3525 9.5 103827.1 -5151.2	3615 9.4 104448.6 -5128.5	3705 9.8 105122.3 -5157.2	3795 9.6 105713.5 -5108.0
3526 10.0 103842.6 -5109.1	3616 9.8 104449.1 -5141.6	3706 9.8 105125.1 -5145.8	3796 10.2 105720.5 -5145.7

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3797	10.3	105720.5	-5131.9
3798	10.0	105720.5	-5110.4
3799	9.4	105723.0	-5144.0
3800	10.0	105728.0	-5118.6
3801	10.2	105730.5	-5109.4
3802	10.0	105730.5	-5142.1
3803	9.8	105732.5	-5132.3
3804	10.0	105734.0	-5116.9
3805	9.0	105740.5	-5155.6
3806	9.5	105748.5	-5152.1
3807	9.4	105750.5	-5124.5
3808	10.3	105800.5	-5110.0
3809	9.2	105810.5	-5120.6
3810	9.8	105811.0	-5117.0
3811	10.2	105811.0	-5113.1
3812	8.6	105816.0	-5125.4
3813	10.0	105820.0	-5114.9
3814	10.3	105822.5	-5101.7
3815	9.8	105833.0	-5135.7
3816	10.3	105835.5	-5140.6
3817	10.2	105836.5	-5111.2
3818	9.8	105840.5	-5120.9
3819	9.6	105840.5	-5148.0
3820	8.6	105841.0	-5102.9
3821	10.0	105848.0	-5149.0
3822	10.0	105851.0	-5130.9
3823	8.9	105903.0	-5146.9
3824	10.2	105903.5	-5154.1
3825	10.2	105903.5	-5152.8
3826	10.2	105903.5	-5112.6
3827	9.6	105920.0	-5135.5
3828	10.0	105921.0	-5126.
3829	10.3	105925.0	-5110.
3830	9.8	105937.0	-5100.(
3831	10.2	105937.5	-5130.6
3832	8.6	105938.0	-5134.2
3833	9.8	105940.5	-5107.1
3834	10.0	105942.5	-5121.8
3835	9.8	105946.0	-5122.7
3836	8.9	105950.0	-5142.7
3837	10.0	105950.5	-5128.8
3838	9.2	105951.5	-5134.4
3839	10.0	105955.0	-5122.3
3840	10.0	110000.0	-5122.7
3841	9.8	110001.5	-5136.9
3842	9.6	110011.0	-5113.1
3843	10.2	110022.5	-5149.6
3844	9.4	110030.0	-5141.0
3845	9.8	110031.0	-5115.9
3846	10.0	110036.0	-5156.2
3847	9.3	110043.5	-5125.7
3848	9.8	110050.0	-5132.9
3849	10.2	110051.0	-5151.3
3850	9.8	110052.5	-5124.9
3851	10.2	110100.5	-5155.6
3852	10.2	110101.5	-5125.7
3853	10.2	110101.5	-5107.0
3854	10.2	110107.0	-5126.1
3855	10.0	110109.5	-5121.1
3856	10.0	110110.5	-5119.2
3857	10.2	110110.5	-5103.0
3858	10.0	110121.0	-5114.8
3859	9.8	110121.0	-5136.5
3860	10.3	110126.0	-5126.9
3861	10.0	110127.0	-5124.8
3862	8.9	110130.5	-5115.1
3863	10.2	110131.0	-5146.5
3864	10.3	110133.0	-5102.4
3865	10.2	110139.5	-5151.3
3866	9.8	110141.0	-5156.4
3867	10.2	110142.5	-5152.4
3868	10.0	110146.5	-5114.3
3869	10.3	110200.0	-5145.8
3870	10.2	110208.5	-5155.1
3871	10.2	110222.3	-5157.9
3872	10.0	110227.5	-5100.0
3873	9.6	110230.0	-5104.0
3874	10.0	110230.5	-5101.9
3875	10.0	110237.0	-5141.2
3876	10.2	110239.0	-5154.7
3877	7.8	110240.5	-5143.7
3878	10.2	110241.0	-5140.7
3879	9.6	110243.0	-5115.5
3880	10.2	110243.0	-5154.4
3881	10.2	110250.5	-5123.2
3882	10.0	110257.5	-5103.4
3883	10.2	110300.0	-5101.4
3884	9.8	110300.5	-5133.9
3885	10.2	110303.0	-5103.8
3886	9.6	110308.5	-5145.0
3887	10.0	110310.5	-5103.6
3888	10.2	110310.5	-5140.6
3889	10.0	110310.5	-5153.2
3890	10.2	110312.0	-5124.6
3891	9.8	110312.0	-5123.2
3892	10.0	110320.5	-5145.9
3893	10.3	110320.5	-5124.0
3894	8.5	110320.5	-5137.6
3895	10.2	110322.0	-5109.7
3896	10.3	110326.0	-5134.7
3897	9.8	110329.5	-5135.7
3898	10.3	110337.0	-5124.0
3899	8.6	110340.5	-5153.2
3900	10.3	110343.0	-5152.0
3901	10.2	110358.0	-5130.7
3902	9.8	110401.5	-5127.0
3903	10.3	110405.5	-5107.2
3904	9.8	110412.5	-5139.8
3905	10.0	110413.5	-5129.6
3906	10.3	110414.0	-5111.0
3907	9.8	110416.0	-5111.2
3908	10.3	110420.3	-5138.0
3909	9.8	110422.5	-5148.8
3910	9.8	110432.1	-5158.8
3911	9.6	110433.5	-5138.0
3912	9.8	110435.0	-5151.0
3913	9.8	110439.5	-5126.9
3914	8.6	110440.5	-5156.6
3915	9.6	110440.5	-5155.6
3916	10.0	110440.5	-5103.6
3917	9.2	110442.5	-5139.0
3918	10.2	110445.0	-5141.2
3919	9.6	110449.5	-5143.0
3920	10.0	110454.0	-5103.1
3921	8.3	110454.5	-5152.6
3922	10.0	110456.0	-5131.8
3923	9.2	110458.0	-5153.6
3924	10.0	110502.7	-5100.3
3925	10.0	110507.5	-5106.2
3926	10.3	110512.0	-5140.0
3927	10.3	110513.0	-5134.3
3928	9.8	110521.0	-5100.3
3929	9.8	110522.0	-5113.4
3930	9.8	110522.5	-5138.2
3931	10.0	110528.0	-5109.4
3932	10.2	110530.9	-5101.6
3933	10.3	110532.2	-5100.6
3934	8.6	110532.8	-5159.0
3935	10.2	110542.0	-5115.8
3936	10.0	110543.5	-5132.3
3937	10.0	110543.5	-5105.2
3938	10.2	110545.0	-5107.2
3939	10.3	110548.0	-5139.2
3940	8.4	110550.0	-5159.2
3941	10.3	110550.5	-5116.4
3942	9.8	110552.5	-5143.3
3943	10.0	110553.5	-5128.9
3944	10.0	110556.0	-5126.8
3945	9.8	110600.5	-5112.3
3946	10.2	110605.5	-5130.2
3947	10.0	110605.5	-5109.8
3948	10.2	110607.0	-5105.8
3949	9.6	110619.5	-5112.8
3950	10.0	110619.5	-5148.3
3951	10.0	110622.5	-5103.0
3952	8.5	110629.5	-5149.5
3953	9.8	110630.5	-5125.7
3954	10.3	110630.7	-5159.4
3955	10.2	110631.5	-5122.6
3956	10.0	110635.5	-5143.2
3957	9.1	110635.8	-5159.0
3958	10.2	110639.0	-5105.2
3959	10.0	110639.6	-5147.6
3960	9.8	110641.0	-5133.2
3961	10.0	110641.0	-5128.0
3962	10.2	110643.0	-5125.8
3963	10.2	110649.0	-5130.1
3964	10.2	110649.0	-5148.0
3965	10.3	110650.5	-5157.5
3966	10.3	110650.5	-5133.6
3967	8.5	110652.0	-5102.8
3968	9.1	110710.5	-5155.0
3969	10.2	110710.5	-5153.8
3970	10.2	110710.5	-5122.0
3971	10.2	110716.5	-5105.9
3972	9.3	110720.5	-5129.0
3973	10.2	110720.5	-5147.0
3974	10.3	110720.5	-5145.8
3975	10.0	110720.5	-5108.0
3976	10.3	110723.0	-5139.6
3977	9.6	110730.5	-5139.2
3978	9.3	110731.0	-5136.4
3979	10.2	110734.5	-5141.2
3980	9.6	110735.0	-5143.6
3981	9.6	110740.0	-5155.7
3982	10.0	110741.0	-5132.6
3983	10.0	110743.0	-5142.7
3984	9.2	110744.0	-5130.6
3985	10.0	110744.5	-5115.2
3986	9.8	110749.0	-5111.8
3987	9.3	110758.0	-5150.1
3988	10.2	110803.5	-5143.6
3989	10.3	110807.5	-5138.8
3990	8.5	110810.0	-5107.2
3991	9.2	110811.0	-5112.7
3992	10.0	110811.0	-5159.6
3993	9.6	110812.0	-5122.0
3994	10.2	110820.5	-5116.8
3995	10.2	110822.5	-5113.0
3996	9.8	110823.5	-5111.6
3997	9.8	110829.0	-5100.5
3998	9.6	110830.5	-5127.8
3999	9.8	110836.0	-5123.8
4000	10.0	110840.0	-5158.5
4001	9.8	110842.5	-5121.4
4002	9.1	110850.5	-5120.8
4003	10.0	110855.0	-5118.0
4004	10.0	110859.0	-5107.8
4005	9.6	110917.5	-5129.7
4006	8.8	110919.0	-5140.4
4007	10.0	110919.0	-5109.2
4008	9.8	110921.0	-5132.2
4009	9.6	110929.5	-5154.4
4010	10.3	110930.0	-5149.5
4011	9.8	110930.5	-5153.4
4012	9.5	110931.0	-5154.2
4013	10.2	110931.0	-5155.3
4014	9.0	110933.5	-5150.7
4015	10.2	110950.0	-5110.2
4016	10.2	110950.0	-5115.0
4017	9.3	110952.5	-5131.4
4018	10.3	110953.0	-5118.0
4019	10.0	110953.5	-5153.2
4020	10.0	110956.0	-5118.7
4021	10.0	111009.5	-5156.0
4022	9.6	111010.0	-5128.0
4023	9.6	111013.0	-5127.7
4024	8.8	111013.5	-5118.4
4025	10.2	111019.5	-5151.1
4026	9.6	111020.0	-5130.3
4027	10.2	111020.5	-5126.6
4028	10.3	111020.6	-5118.4
4029	10.0	111021.0	-5102.2
4030	10.2	111021.0	-5134.0
4031	8.9	111023.0	-5118.6
4032	10.3	111024.5	-5125.8
4033	10.0	111027.0	-5136.8
4034	10.0	111029.0	-5157.6
4035	10.2	111039.0	-5146.0
4036	10.2	111040.5	-5131.4
4037	10.2	111040.5	-5153.1
4038	10.0	111042.5	-5139.8
4039	9.8	111050.5	-5133.8
4040	9.1	111056.5	-5137.6
4041	9.8	111058.0	-5121.3
4042	9.6	111058.0	-5150.7
4043	10.2	111059.5	-5127.0
4044	9.8	111100.5	-5135.3
4045	8.6	111101.5	-5112.2
4046	10.2	111102.0	-5127.9
4047	9.8	111111.0	-5151.2
4048	10.3	111111.5	-5145.6
4049	10.2	111112.0	-5117.2
4050	10.3	111112.5	-5107.6
4051	9.2	111119.5	-5133.9
4052	8.2	111122.8	-5158.6
4053	9.4	111138.0	-5138.9
4054	9.4	111138.0	-5112.3
4055	9.4	111139.5	-5151.8
4056	8.9	111147.5	-5123.2
4057	10.0	111148.0	-5154.3
4058	9.4	111150.0	-5145.1
4059	10.3	111159.0	-5113.2
4060	10.0	111200.0	-5144.9
4061	10.3	111202.0	-5120.5
4062	9.0	111207.0	-5115.6
4063	9.6	111209.0	-5122.0
4064	9.7	111217.0	-5123.1
4065	9.8	111220.5	-5102.7
4066	10.0	111222.5	-5146.3

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4067	9.8	111228.0	-5116.1
4068	10.3	111232.5	-5153.6
4069	9.8	111244.5	-5126.6
4070	10.2	111248.0	-5146.9
4071	10.2	111249.5	-5139.0
4072	10.3	111255.9	-5101.5
4073	10.3	111301.0	-5126.5
4074	9.8	111308.5	-5108.7
4075	10.0	111310.0	-5141.9
4076	10.2	111310.0	-5133.6
4077	10.0	111315.0	-5115.8
4078	10.2	111321.0	-5143.3
4079	10.0	111322.5	-5137.1
4080	9.1	111325.0	-5111.7
4081	10.3	111328.5	-5157.2
4082	10.0	111338.5	-5146.5
4083	9.6	111339.5	-5106.1
4084	10.0	111344.0	-5149.2
4085	10.2	111350.0	-5143.4
4086	10.2	111352.5	-5138.9
4087	10.2	111354.5	-5151.5
4088	10.0	111354.5	-5149.3
4089	10.2	111356.5	-5137.0
4090	7.9	111359.0	-5148.5
4091	9.8	111407.0	-5110.9
4092	10.2	111409.5	-5102.7
4093	10.3	111410.0	-5119.3
4094	9.0	111418.3	-5126.3
4095	9.8	111418.6	-5102.3
4096	9.8	111424.8	-5110.9
4097	9.8	111429.4	-5158.5
4098	9.8	111431.8	-5139.0
4099	9.4	111440.0	-5112.3
4100	10.0	111440.5	-5113.0
4101	9.8	111440.9	-5102.3
4102	9.2	111444.5	-5127.2
4103	10.0	111447.0	-5153.3
4104	10.3	111449.0	-5118.7
4105	9.6	111451.0	-5117.6
4106	9.4	111454.8	-5158.3
4107	10.0	111454.8	-5133.6
4108	10.0	111455.1	-5156.7
4109	10.3	111458.1	-5117.9
4110	9.8	111459.3	-5151.7
4111	9.5	111459.5	-5100.8
4112	10.2	111503.5	-5156.0
4113	10.3	111503.6	-5151.6
4114	8.8	111509.3	-5132.3
4115	10.3	111509.3	-5102.0
4116	10.0	111510.6	-5148.2
4117	10.2	111516.1	-5119.1
4118	10.3	111518.0	-5113.0
4119	10.3	111519.0	-5112.1
4120	9.3	111519.5	-5120.5
4121	10.3	111520.5	-5153.5
4122	9.5	111521.9	-5120.8
4123	9.9	111537.7	-5151.4
4124	9.5	111546.2	-5115.0
4125	9.9	111550.7	-5159.4
4126	9.9	111554.2	-5131.1
4127	9.8	111604.2	-5148.2
4128	9.5	111604.7	-5150.8
4129	9.5	111611.2	-5156.3
4130	9.9	111611.2	-5108.3
4131	9.9	111614.7	-5103.4
4132	9.9	111617.7	-5142.8
4133	9.6	111619.7	-5150.1
4134	9.3	111625.7	-5118.8
4135	9.9	111630.2	-5134.9
4136	9.6	111631.2	-5103.5
4137	9.7	111631.6	-5122.1
4138	9.9	111633.2	-5106.6
4139	9.9	111635.6	-5134.8
4140	9.6	111639.7	-5139.0
4141	9.2	111640.2	-5151.0
4142	9.7	111640.2	-5136.2
4143	9.8	111654.2	-5131.8
4144	9.5	111656.7	-5117.8
4145	9.6	111703.7	-5111.8
4146	9.7	111711.2	-5117.6
4147	9.7	111718.7	-5120.1
4148	9.6	111720.2	-5153.5
4149	9.5	111730.2	-5141.4
4150	9.5	111730.7	-5147.4
4151	9.7	111739.7	-5106.8
4152	9.7	111742.4	-5158.5
4153	9.9	111743.7	-5107.9
4154	9.9	111744.7	-5138.4
4155	9.9	111746.1	-5157.8
4156	9.9	111750.2	-5142.0

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-51 4516 11h44m

4157	9.4	111800.2	-5126.2	4247	9.7	112416.8	-5106.3	4337	9.9	113235.8	-5137.8
4158	9.6	111807.2	-5111.6	4248	9.5	112423.3	-5110.4	4338	8.9	113237.3	-5141.4
4159	9.6	111807.7	-5159.8	4249	9.9	112423.7	-5129.9	4339	9.9	113242.0	-5112.0
4160	9.9	111810.6	-5111.9	4250	9.6	112430.3	-5120.3	4340	9.8	113250.3	-5107.1
4161	9.4	111816.7	-5133.8	4251	9.7	112430.3	-5140.3	4341	9.7	113252.3	-5104.6
4162	9.9	111819.2	-5102.6	4252	9.2	112435.8	-5125.3	4342	9.9	113257.3	-5130.9
4163	9.9	111820.0	-5159.9	4253	9.4	112443.8	-5156.1	4343	9.6	113307.8	-5115.7
4164	9.6	111820.2	-5120.1	4254	9.7	112449.8	-5110.2	4344	8.7	113311.0	-5112.2
4165	9.9	111820.2	-5103.2	4255	9.7	112501.8	-5133.0	4345	9.6	113311.5	-5117.1
4166	9.7	111821.7	-5126.5	4256	9.4	112502.8	-5106.0	4346	9.9	113313.0	-5148.4
4167	9.9	111834.2	-5142.2	4257	8.4	112503.3	-5155.1	4347	9.7	113319.0	-5130.0
4168	9.5	111842.7	-5123.1	4258	9.4	112503.3	-5140.0	4348	9.9	113323.5	-5155.3
4169	9.8	111844.7	-5112.6	4259	9.1	112504.3	-5138.4	4349	9.7	113324.5	-5142.1
4170	9.6	111850.2	-5107.6	4260	9.4	112512.8	-5131.9	4350	9.9	113327.5	-5159.6
4171	8.9	111851.2	-5147.6	4261	9.9	112516.7	-5102.8	4351	9.9	113329.5	-5134.1
4172	9.6	111851.7	-5115.7	4262	8.8	112524.3	-5107.5	4352	9.0	113330.5	-5150.9
4173	9.6	111859.9	-5158.6	4263	9.7	112531.3	-5147.2	4353	9.9	113340.5	-5138.4
4174	9.7	111900.2	-5125.0	4264	9.9	112553.8	-5136.7	4354	9.6	113345.5	-5134.5
4175	9.9	111904.7	-5123.7	4265	9.8	112559.8	-5101.8	4355	9.7	113359.5	-5140.6
4176	9.9	111910.2	-5155.2	4266	8.6	112602.3	-5146.0	4356	9.1	113411.5	-5121.9
4177	9.5	111913.2	-5145.9	4267	9.5	112629.8	-5128.7	4357	9.4	113419.5	-5141.8
4178	9.6	111914.7	-5120.5	4268	9.7	112640.3	-5107.5	4358	9.7	113430.0	-5143.0
4179	9.5	111915.2	-5111.2	4269	9.4	112642.8	-5104.5	4359	9.4	113432.5	-5130.4
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4181	8.5	111916.7	-5112.5	4271	8.4	112651.3	-5127.2	4361	9.5	113435.5	-5106.9
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4208	9.4	112120.2	-5137.1	4298	9.1	112922.8	-5143.0	4388	9.1	113600.5	-5148.3
4209	9.8	112124.2	-5122.1	4299	9.7	112929.8	-5159.2	4389	9.4	113600.5	-5136.6
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4434	9.7	113823.2	-5110.8								
4435	9.9	113831.7	-5124.3								
4436	8.8	113833.7	-5150.1								
4437	8.8	113845.2	-5126.2								
4438	9.2	113849.2	-5142.5								
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4517 9.6 114426.0 -5150.4	4607 10.0 114910.5 -5134.3	4697 9.6 115424.0 -5118.4	4787 9.9 115847.0 -5134.6
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-51 4876 12h02m

-51 4877 12h02m

-51 5236 12h24m

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4940 9.3 120535.0 -5139.6	5030 10.1 121110.0 -5119.4	5120 7.4 121604.1 -5135.9	5210 10.2 122251.6 -5146.7
4941 9.9 120551.1 -5123.9	5031 10.0 121112.5 -5119.5	5121 9.6 121610.1 -5113.9	5211 10.0 122253.1 -5124.4
4942 10.0 120555.5 -5141.2	5032 9.9 121113.0 -5155.9	5122 10.0 121613.6 -5124.6	5212 10.0 122254.1 -5156.7
4943 9.9 120600.0 -5143.3	5033 10.1 121113.0 -5125.1	5123 10.0 121614.1 -5142.8	5213 9.6 122315.6 -5120.3
4944 10.1 120602.0 -5132.4	5034 9.8 121121.0 -5131.0	5124 9.8 121614.3 -5103.9	5214 10.3 122317.6 -5102.3
4945 9.2 120610.0 -5140.0	5035 10.1 121121.0 -5135.0	5125 8.6 121614.6 -5141.8	5215 9.6 122320.6 -5113.8
4946 9.8 120614.0 -5128.5	5036 10.0 121122.0 -5112.2	5126 9.7 121618.1 -5151.9	5216 10.0 122321.6 -5104.5
4947 9.8 120617.0 -5128.3	5037 9.4 121127.5 -5115.8	5127 9.7 121620.6 -5102.8	5217 8.5 122326.6 -5123.3
4948 9.7 120621.5 -5143.0	5038 7.1 121133.5 -5136.6	5128 9.7 121621.6 -5103.1	5218 9.6 122329.1 -5158.8
4949 9.3 120621.5 -5146.7	5039 9.4 121135.0 -5132.7	5129 8.0 121628.1 -5143.6	5219 9.6 122331.1 -5126.4
4950 9.6 120625.5 -5133.1	5040 9.8 121140.0 -5109.5	5130 10.3 121636.6 -5127.5	5220 10.2 122337.4 -5116.8
4951 10.0 120626.0 -5153.3	5041 9.8 121141.0 -5122.9	5131 8.4 121639.6 -5129.3	5221 9.2 122339.6 -5159.1
4952 9.8 120626.7 -5157.9	5042 9.1 121144.0 -5137.1	5132 9.8 121651.1 -5148.3	5222 9.0 122339.9 -5102.0
4953 10.0 120629.5 -5127.4	5043 10.1 121147.0 -5135.7	5133 10.3 121651.6 -5113.3	5223 9.7 122349.6 -5147.0
4954 9.8 120630.0 -5138.0	5044 10.0 121157.5 -5131.5	5134 9.0 121651.6 -5114.6	5224 10.1 122350.3 -5101.9
4955 9.8 120635.0 -5147.9	5045 9.6 121203.0 -5153.0	5135 10.0 121654.1 -5140.9	5225 10.3 122351.1 -5140.0
4956 9.1 120636.0 -5132.7	5046 9.7 121205.0 -5155.3	5136 10.3 121700.6 -5145.9	5226 10.3 122353.1 -5117.0
4957 9.8 120636.5 -5127.4	5047 9.6 121205.5 -5121.2	5137 9.6 121701.6 -5110.1	5227 10.1 122358.1 -5107.8
4958 10.1 120637.5 -5141.0	5048 9.6 121210.5 -5111.7	5138 10.2 121703.6 -5157.8	5228 10.0 122401.6 -5109.7
4959 10.0 120639.5 -5103.4	5049 9.7 121213.5 -5114.3	5139 8.6 121704.1 -5125.9	5229 10.3 122402.6 -5140.2
4960 10.0 120640.5 -5104.1	5050 9.6 121216.5 -5153.2	5140 10.0 121714.6 -5118.5	5230 9.7 122405.6 -5123.3
4961 9.4 120645.0 -5151.8	5051 9.6 121218.5 -5129.1	5141 10.3 121733.1 -5114.5	5231 9.0 122408.1 -5108.8
4962 9.8 120649.0 -5143.4	5052 9.8 121222.5 -5122.3	5142 8.6 121735.6 -5142.1	5232 10.0 122416.1 -5108.4
4963 10.1 120650.5 -5153.8	5053 10.1 121233.5 -5101.9	5143 9.6 121738.6 -5152.9	5233 9.8 122420.6 -5104.5
4964 10.1 120653.0 -5114.0	5054 8.5 121233.5 -5152.8	5144 10.3 121741.6 -5124.3	5234 9.0 122421.6 -5137.8
4965 9.6 120657.0 -5142.8	5055 10.0 121239.5 -5106.1	5145 10.1 121745.1 -5110.6	5235 9.3 122423.1 -5100.4
4966 10.0 120700.3 -5101.1	5056 10.1 121239.5 -5101.0	5146 9.7 121745.6 -5143.3	5236 9.6 122425.1 -5145.0

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5237	9.4	122425.1	-5145.8
5238	8.7	122429.1	-5121.6
5239	9.8	122431.6	-5146.4
5240	9.6	122439.6	-5137.9
5241	9.4	122440.1	-5127.0
5242	9.6	122442.1	-5125.5
5243	10.3	122443.6	-5139.9
5244	9.4	122445.1	-5104.0
5245	9.6	122449.1	-5102.4
5246	10.1	122450.1	-5155.0
5247	10.3	122451.6	-5116.9
5248	10.1	122452.6	-5147.9
5249	9.3	122453.6	-5123.1
5250	10.3	122501.6	-5135.1
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5252	10.2	122505.6	-5129.5
5253	10.2	122514.6	-5121.2
5254	10.0	122516.6	-5114.1
5255	9.8	122518.1	-5104.1
5256	10.1	122520.6	-5126.1
5257	10.0	122525.6	-5138.5
5258	10.2	122525.6	-5125.2
5259	9.7	122528.1	-5104.1
5260	10.0	122530.1	-5111.4
5261	10.2	122531.1	-5137.7
5262	10.2	122531.6	-5153.0
5263	10.2	122531.6	-5140.8
5264	10.0	122533.1	-5109.9
5265	9.8	122535.6	-5122.2
5266	10.3	122541.6	-5152.0
5267	9.6	122542.1	-5104.9
5268	10.0	122545.6	-5119.4
5269	10.1	122550.1	-5147.8
5270	10.2	122554.4	-5158.5
5271	10.1	122556.6	-5113.4
5272	10.3	122559.6	-5122.7
5273	10.3	122603.6	-5156.0
5274	10.3	122606.1	-5148.7
5275	9.6	122606.6	-5124.3
5276	10.1	122606.6	-5111.5
5277	10.0	122607.1	-5108.8
5278	10.2	122608.4	-5137.2
5279	10.2	122608.6	-5157.5
5280	10.3	122619.6	-5101.6
5281	7.0	122621.1	-5123.5
5282	9.3	122621.1	-5118.8
5283	10.1	122621.1	-5145.4
5284	10.2	122621.6	-5128.8
5285	9.6	122621.6	-5107.1
5286	9.4	122642.1	-5113.1
5287	9.8	122648.6	-5119.3
5288	9.2	122654.1	-5157.0
5289	10.3	122700.1	-5124.2
5290	10.1	122704.1	-5133.1
5291	10.3	122710.6	-5139.4
5292	9.0	122720.1	-5100.6
5293	10.3	122721.6	-5108.7
5294	10.3	122725.1	-5153.1
5295	10.1	122725.6	-5145.8
5296	8.7	122725.6	-5141.6
5297	10.2	122730.6	-5127.4
5298	10.1	122732.6	-5132.7
5299	10.1	122737.1	-5113.7
5300	9.7	122737.6	-5138.9
5301	10.0	122752.1	-5153.5
5302	9.8	122757.1	-5133.6
5303	10.0	122810.6	-5134.5
5304	8.9	122816.1	-5140.8
5305	8.6	122825.6	-5143.5
5306	9.9	122829.6	-5130.5
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5308	9.4	122837.6	-5141.8
5309	10.3	122840.6	-5120.0
5310	10.0	122841.6	-5124.6
5311	10.1	122848.6	-5129.0
5312	9.4	122856.1	-5122.4
5313	9.6	122907.1	-5130.9
5314	9.6	122907.6	-5130.7
5315	10.0	122908.1	-5128.1
5316	10.1	122909.1	-5108.7
5317	9.6	122910.1	-5112.5
5318	9.4	122912.6	-5132.1
5319	10.3	122917.1	-5116.3
5320	7.8	122918.1	-5143.7
5321	10.3	122920.1	-5120.4
5322	10.0	122926.6	-5145.3
5323	9.7	122928.6	-5148.3
5324	9.6	122932.1	-5144.4
5325	9.4	122935.4	-5157.5
5326	9.3	122941.6	-5146.8
5327	10.3	122942.2	-5141.6
5328	9.8	122943.1	-5127.7
5329	10.3	122944.3	-5158.2
5330	9.6	122948.1	-5113.5
5331	10.2	122948.3	-5159.8
5332	10.0	122952.4	-5100.1
5333	10.3	122957.4	-5157.4
5334	9.7	123001.6	-5149.1
5335	10.3	123002.6	-5122.2
5336	9.8	123005.1	-5130.3
5337	10.0	123006.1	-5113.8
5338	10.3	123009.1	-5158.7
5339	10.2	123011.6	-5154.0
5340	10.1	123012.6	-5105.5
5341	10.3	123014.1	-5104.3
5342	10.0	123030.6	-5156.4
5343	10.0	123034.6	-5159.1
5344	10.2	123041.6	-5112.2
5345	9.6	123047.6	-5134.1
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5347	10.3	123052.6	-5119.8
5348	10.1	123054.1	-5113.4
5349	10.0	123059.1	-5110.5
5350	9.0	123059.6	-5149.4
5351	9.6	123100.6	-5127.8
5352	9.7	123102.6	-5121.4
5353	9.2	123104.6	-5155.1
5354	9.7	123105.6	-5108.3
5355	10.3	123106.1	-5133.4
5356	10.1	123109.6	-5118.8
5357	10.3	123111.6	-5106.4
5358	10.3	123118.6	-5148.9
5359	9.8	123119.1	-5113.4
5360	10.3	123119.6	-5131.3
5361	9.4	123120.6	-5136.7
5362	9.8	123131.1	-5104.3
5363	9.6	123133.1	-5101.9
5364	10.2	123134.6	-5106.9
5365	10.1	123135.1	-5121.4
5366	9.7	123143.6	-5155.0
5367	10.1	123144.2	-5117.2
5368	10.3	123144.9	-5157.4
5369	10.3	123145.1	-5148.8
5370	10.3	123145.1	-5124.0
5371	10.3	123155.6	-5141.0
5372	10.3	123201.6	-5127.0
5373	9.6	123207.1	-5151.9
5374	9.6	123207.6	-5102.5
5375	10.0	123220.1	-5114.3
5376	9.4	123220.6	-5152.8
5377	9.4	123222.6	-5152.2
5378	8.5	123222.6	-5106.2
5379	10.2	123235.6	-5142.8
5380	9.0	123239.1	-5141.1
5381	10.1	123240.6	-5144.6
5382	9.8	123242.6	-5121.4
5383	9.0	123244.1	-5134.2
5384	10.0	123245.6	-5151.2
5385	9.6	123245.6	-5137.4
5386	10.2	123251.4	-5159.9
5387	9.6	123255.1	-5137.2
5388	10.2	123259.6	-5116.9
5389	10.1	123300.1	-5121.0
5390	9.0	123300.6	-5145.5
5391	9.0	123301.6	-5157.9
5392	9.6	123316.1	-5125.1
5393	10.3	123327.6	-5145.4
5394	10.1	123333.6	-5139.6
5395	10.3	123343.1	-5128.0
5396	10.2	123345.6	-5147.9
5397	10.0	123359.1	-5132.2
5398	9.2	123410.6	-5147.8
5399	10.0	123411.6	-5133.8
5400	10.3	123413.1	-5146.2
5401	9.4	123419.4	-5157.5
5402	9.0	123421.6	-5135.0
5403	10.3	123427.1	-5118.0
5404	9.8	123431.6	-5156.5
5405	9.8	123437.6	-5143.0
5406	9.7	123442.6	-5123.7
5407	10.0	123443.1	-5133.9
5408	10.0	123445.1	-5141.1
5409	9.7	123450.6	-5140.7
5410	10.1	123453.1	-5136.0
5411	9.0	123457.6	-5138.2
5412	9.6	123506.6	-5118.4
5413	10.0	123508.6	-5103.7
5414	10.3	123510.6	-5147.8
5415	9.8	123511.6	-5117.9
5416	10.1	123511.9	-5129.6

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5421	9.6	123521.4	-5144.8
5422	10.1	123523.9	-5150.0
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5424	10.3	123526.0	-5159.3
5425	9.0	123530.4	-5107.4
5426	10.1	123543.4	-5148.0
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5429	10.0	123551.4	-5103.3
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5434	9.6	123602.9	-5152.2
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5436	10.2	123624.9	-5151.0
5437	9.8	123627.7	-5157.9
5438	10.3	123628.4	-5138.8
5439	10.3	123637.6	-5149.8
5440	9.0	123638.4	-5151.9
5441	10.1	123638.4	-5151.0
5442	10.1	123642.9	-5144.2
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5445	9.8	123700.4	-5151.0
5446	9.7	123700.9	-5131.5
5447	9.6	123708.9	-5153.0
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5452	9.7	123719.9	-5122.4
5453	10.0	123722.4	-5137.9
5454	9.4	123723.4	-5105.8
5455	9.6	123729.9	-5159.7
5456	10.0	123731.4	-5149.5
5457	9.6	123743.9	-5103.8
5458	9.8	123755.9	-5104.8
5459	9.7	123756.2	-5157.5
5460	9.2	123756.4	-5110.2
5461	9.3	123800.4	-5107.1
5462	9.2	123800.4	-5126.5
5463	9.2	123801.4	-5118.7
5464	10.0	123801.4	-5129.7
5465	10.1	123802.9	-5134.9
5466	10.2	123807.9	-5128.0
5467	8.6	123809.4	-5109.2
5468	9.7	123809.9	-5139.3
5469	8.4	123812.4	-5159.5
5470	9.7	123812.6	-5131.3
5471	9.8	123815.9	-5113.0
5472	10.3	123822.4	-5136.8
5473	10.1	123826.4	-5137.9
5474	10.3	123836.9	-5111.1
5475	10.3	123840.4	-5145.4
5476	9.7	123840.4	-5124.5
5477	8.8	123845.4	-5101.6
5478	10.1	123849.4	-5117.1
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5480	9.3	123854.9	-5143.5
5481	10.3	123915.4	-5101.0
5482	10.0	123915.9	-5123.2
5483	10.3	123919.4	-5139.7
5484	9.8	123920.9	-5114.9
5485	9.0	123928.9	-5135.7
5486	10.1	123929.9	-5120.0
5487	10.0	123938.4	-5119.9
5488	9.6	123942.9	-5121.3
5489	10.3	123948.4	-5116.9
5490	9.0	124000.9	-5145.2
5491	9.0	124004.9	-5157.8
5492	9.2	124009.9	-5145.4
5493	10.0	124015.4	-5117.2
5494	9.2	124020.9	-5126.1
5495	10.3	124021.4	-5146.1
5496	10.3	124021.4	-5121.3
5497	10.0	124025.4	-5121.8
5498	9.0	124030.4	-5136.6
5499	9.6	124030.9	-5159.5
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5504	10.2	124109.9	-5123.1
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5509	10.3	124130.0	-5101.9
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5512	10.1	124142.9	-5111.5
5513	10.3	124144.9	-5126.4
5514	10.3	124150.9	-5119.9
5515	9.6	124153.9	-5130.9
5516	9.8	124157.4	-5157.8
5517	10.0	124200.4	-5133.0
5518	9.6	124201.4	-5146.0
5519	8.6	124202.4	-5130.2
5520	9.6	124206.4	-5111.7
5521	10.3	124214.9	-5139.3
5522	10.2	124215.3	-5157.6
5523	10.3	124215.9	-5139.1
5524	8.3	124217.9	-5153.2
5525	9.8	124220.4	-5113.5
5526	10.1	124220.9	-5142.6
5527	9.7	124227.4	-5128.9
5528	9.6	124228.4	-5111.0
5529	10.1	124228.9	-5104.1
5530	10.1	124233.9	-5137.9
5531	9.7	124242.4	-5146.6
5532	10.3	124244.9	-5157.9
5533	10.3	124245.4	-5129.9
5534	9.7	124251.9	-5130.2
5535	10.3	124252.9	-5116.8
5536	10.1	124302.4	-5140.1
5537	10.0	124310.4	-5106.4
5538	7.7	124325.9	-5133.1
5539	10.2	124327.4	-5106.8
5540	8.3	124334.4	-5113.8
5541	8.7	124339.4	-5147.2
5542	10.1	124342.4	-5102.0
5543	10.3	124349.4	-5142.2
5544	9.4	124352.4	-5102.3
5545	10.2	124358.9	-5152.9
5546	10.0	124359.9	-5125.6
5547	10.3	124400.9	-5137.5
5548	10.2	124400.9	-5135.4
5549	10.2	124401.4	-5114.8
5550	9.6	124409.4	-5131.0
5551	10.1	124411.4	-5151.2
5552	10.3	124414.9	-5125.8
5553	9.6	124418.5	-5101.3
5554	10.2	124420.4	-5121.5
5555	9.8	124421.4	-5149.7
5556	8.7	124428.1	-5154.7
5557	10.4	124436.3	-5105.3
5558	10.4	124438.1	-5108.1
5559	10.3	124438.6	-5104.2
5560	10.4	124442.8	-5130.0
5561	8.8	124442.9	-5126.7
5562	10.0	124449.6	-5108.5
5563	10.4	124449.6	-5156.2
5564	10.4	124450.0	-5124.1
5565	10.4	124450.8	-5100.8
5566	10.0	124458.3	-5144.7
5567	10.2	124500.6	-5140.4
5568	8.5	124501.1	-5115.8
5569	9.8	124507.3	-5144.2
5570	10.4	124514.7	-5137.5
5571	10.4	124514.8	-5101.3
5572	10.2	124518.6	-5119.3
5573	10.2	124519.8	-5154.4
5574	7.9	124520.8	-5159.2
5575	9.8	124524.8	-5110.7
5576	9.4	124534.8	-5135.2
5577	7.8	124539.3	-5150.9
5578	10.0	124541.3	-5140.2
5579	9.4	124542.8	-5113.4
5580	9.5	124543.8	-5112.7
5581	9.4	124547.3	-5114.1
5582	9.8	124549.3	-5158.6
5583	9.4	124555.8	-5116.0
5584	9.2	124557.3	-5158.8
5585	10.0	124559.3	-5154.1
5586	10.4	124603.3	-5132.3
5587	10.3	124604.7	-5110.0
5588	9.9	124611.3	-5115.8
5589	10.0	124611.3	-5131.6
5590	9.6	124615.3	-5103.1
5591	9.4	124618.8	-5136.9
5592	9.8	124623.2	-5105.9
5593	10.4	124629.3	-5112.3
5594	10.4	124632.3	-5109.7
5595	9.2	124637.8	-5109.6
5596	9.7	124640.3	-5113.2

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-51 5956 13h11m

5597	9.4	124641.8	-5112.0	5687	10.4	125319.5	-5132.5	5777	10.4	125946.7	-5149.7
5598	9.6	124642.3	-5125.2	5688	9.2	125324.5	-5144.7	5778	9.4	125949.7	-5111.5
5599	10.4	124643.3	-5142.0	5689	9.4	125331.0	-5102.4	5779	8.5	125951.2	-5120.7
5600	10.4	124644.3	-5145.2	5690	10.2	125347.9	-5159.1	5780	9.8	125951.7	-5103.1
5601	8.3	124646.8	-5135.7	5691	10.4	125348.5	-5123.1	5781	10.3	130001.7	-5112.7
5602	10.2	124648.3	-5155.4	5692	9.9	125400.5	-5106.4	5782	10.4	130004.2	-5127.1
5603	10.4	124649.3	-5149.0	5693	9.7	125403.0	-5147.1	5783	9.9	130008.7	-5104.3
5604	10.4	124702.3	-5126.5	5694	10.4	125409.5	-5135.1	5784	9.9	130016.2	-5153.4
5605	10.4	124702.8	-5147.5	5695	10.0	125420.5	-5147.4	5785	10.4	130016.7	-5122.6
5606	9.4	124720.3	-5147.6	5696	10.4	125438.0	-5111.5	5786	9.4	130018.2	-5115.2
5607	10.3	124722.3	-5145.6	5697	10.4	125439.5	-5118.2	5787	10.0	130018.7	-5109.5
5608	9.8	124723.8	-5134.1	5698	10.4	125443.5	-5123.9	5788	9.6	130021.7	-5119.4
5609	10.4	124725.8	-5120.5	5699	9.8	125444.5	-5115.1	5789	10.3	130023.9	-5115.7
5610	10.2	124726.3	-5111.1	5700	9.8	125448.5	-5130.0	5790	10.0	130026.2	-5152.1
5611	10.4	124727.3	-5117.3	5701	10.0	125454.0	-5112.2	5791	9.2	130028.2	-5120.1
5612	8.9	124729.3	-5148.2	5702	10.4	125454.5	-5125.0	5792	8.4	130029.7	-5151.3
5613	10.4	124735.3	-5144.8	5703	8.6	125458.5	-5107.0	5793	10.3	130032.2	-5109.0
5614	10.0	124741.3	-5143.1	5704	10.0	125510.5	-5123.8	5794	10.4	130032.7	-5133.7
5615	10.3	124750.3	-5145.7	5705	9.8	125513.5	-5126.2	5795	10.4	130033.2	-5102.9
5616	10.4	124754.3	-5140.4	5706	9.4	125514.0	-5128.5	5796	10.4	130038.7	-5110.0
5617	10.2	124758.3	-5109.7	5707	9.4	125514.5	-5118.4	5797	10.4	130040.2	-5140.9
5618	8.5	124758.3	-5107.9	5708	10.3	125514.5	-5106.5	5798	10.4	130041.7	-5103.3
5619	10.4	124759.3	-5107.5	5709	10.4	125515.5	-5150.1	5799	9.7	130056.0	-5100.4
5620	10.4	124809.3	-5148.8	5710	10.0	125518.5	-5107.6	5800	10.4	130059.7	-5101.7
5621	10.2	124809.3	-5116.7	5711	10.4	125518.5	-5143.7	5801	9.8	130104.2	-5158.6
5622	10.4	124818.3	-5108.5	5712	10.0	125524.5	-5150.4	5802	10.4	130104.7	-5102.1
5623	9.9	124821.3	-5115.7	5713	9.2	125527.5	-5123.3	5803	9.6	130108.2	-5154.9
5624	9.4	124824.3	-5158.6	5714	10.4	125534.0	-5105.1	5804	9.4	130109.7	-5107.1
5625	9.2	124830.3	-5153.4	5715	9.1	125537.5	-5143.0	5805	10.4	130115.7	-5110.2
5626	9.4	124840.3	-5137.2	5716	9.9	125538.5	-5147.3	5806	10.2	130119.2	-5149.3
5627	8.8	124841.3	-5115.3	5717	10.3	125541.5	-5128.2	5807	10.3	130120.2	-5149.1
5628	10.4	124846.3	-5132.2	5718	10.0	125544.0	-5137.5	5808	10.4	130120.2	-5111.1
5629	10.4	124850.8	-5130.7	5719	10.4	125547.0	-5112.8	5809	8.8	130129.7	-5154.9
5630	10.4	124857.3	-5152.0	5720	10.4	125615.5	-5116.7	5810	9.2	130131.7	-5142.3
5631	9.6	124900.8	-5138.2	5721	10.3	125629.5	-5147.8	5811	10.0	130131.7	-5109.3
5632	9.1	124904.3	-5143.9	5722	10.4	125630.5	-5131.1	5812	10.4	130134.7	-5120.1
5633	10.4	124922.3	-5108.6	5723	10.4	125631.5	-5158.6	5813	10.3	130149.7	-5104.2
5634	10.4	124927.3	-5124.1	5724	9.9	125631.5	-5103.0	5814	9.8	130154.7	-5149.1
5635	10.0	124928.3	-5150.7	5725	10.3	125634.5	-5120.0	5815	10.2	130157.7	-5126.3
5636	10.3	124929.3	-5140.2	5726	10.4	125641.2	-5158.3	5816	8.0	130158.2	-5100.9
5637	10.3	124929.8	-5127.4	5727	10.4	125644.5	-5148.8	5817	9.2	130159.7	-5144.5
5638	10.3	124931.3	-5144.8	5728	10.2	125659.5	-5143.6	5818	10.4	130201.2	-5143.3
5639	10.4	124937.3	-5152.0	5729	10.4	125700.5	-5112.6	5819	10.4	130201.7	-5126.1
5640	10.4	124939.3	-5155.7	5730	9.8	125701.5	-5141.0	5820	10.2	130206.7	-5150.1
5641	9.2	124940.3	-5134.7	5731	10.3	125707.0	-5140.3	5821	10.4	130214.7	-5101.1
5642	9.2	124942.3	-5144.7	5732	10.0	125709.0	-5152.7	5822	10.4	130216.2	-5114.3
5643	10.2	124943.8	-5105.7	5733	10.3	125709.0	-5138.0	5823	9.8	130218.7	-5146.3
5644	9.8	124946.3	-5119.7	5734	9.0	125713.0	-5130.4	5824	10.4	130219.3	-5148.9
5645	9.8	124958.3	-5123.7	5735	10.2	125717.0	-5130.8	5825	9.0	130230.3	-5120.4
5646	8.8	125003.3	-5122.3	5736	10.2	125718.5	-5129.8	5826	10.4	130230.8	-5157.0
5647	10.0	125010.3	-5128.3	5737	9.6	125723.0	-5124.9	5827	9.1	130233.5	-5157.9
5648	10.0	125011.8	-5139.0	5738	9.2	125729.0	-5101.9	5828	10.2	130234.2	-5158.9
5649	8.8	125012.3	-5107.9	5739	9.4	125729.5	-5103.1	5829	9.2	130239.3	-5127.7
5650	9.8	125021.8	-5148.5	5740	10.4	125730.5	-5108.1	5830	10.4	130239.8	-5136.7
5651	10.4	125025.3	-5114.2	5741	9.4	125731.5	-5153.6	5831	10.4	130241.3	-5120.1
5652	10.4	125027.3	-5148.3	5742	10.4	125732.0	-5157.0	5832	9.4	130243.3	-5153.0
5653	10.4	125034.5	-5154.0	5743	10.4	125736.0	-5114.4	5833	10.0	130244.3	-5153.7
5654	9.0	125036.5	-5104.7	5744	9.4	125738.5	-5144.5	5834	9.5	130262.3	-5134.7
5655	8.2	125043.0	-5156.3	5745	10.3	125740.0	-5120.6	5835	10.4	130301.3	-5100.8
5656	10.2	125050.0	-5148.9	5746	10.0	125741.0	-5143.3	5836	10.3	130302.8	-5133.2
5657	10.3	125106.5	-5114.8	5747	9.2	125741.5	-5152.6	5837	8.6	130311.3	-5152.3
5658	9.8	125108.0	-5140.3	5748	9.5	125743.5	-5111.9	5838	10.4	130311.8	-5106.5
5659	10.4	125110.5	-5127.9	5749	9.4	125744.7	-5113.8	5839	9.9	130316.8	-5151.2
5660	10.0	125115.0	-5110.2	5750	9.2	125746.7	-5144.9	5840	9.8	130322.3	-5140.5
5661	10.3	125118.0	-5101.8	5751	9.8	125755.7	-5110.6	5841	9.4	130322.3	-5134.0
5662	10.2	125124.0	-5129.7	5752	10.4	125800.2	-5145.6	5842	10.4	130324.3	-5109.7
5663	10.4	125125.5	-5152.3	5753	10.4	125804.7	-5146.1	5843	9.2	130331.8	-5107.1
5664	10.4	125128.5	-5101.9	5754	7.9	125810.7	-5126.6	5844	6.1	130331.8	-5154.0
5665	10.3	125129.5	-5121.3	5755	10.0	125821.2	-5147.4	5845	10.4	130337.8	-5110.2
5666	10.4	125132.0	-5125.7	5756	10.2	125834.7	-5120.3	5846	10.4	130339.3	-5122.5
5667	10.4	125135.5	-5154.2	5757	10.4	125834.7	-5118.1	5847	9.5	130339.8	-5147.5
5668	10.4	125138.5	-5104.2	5758	9.7	125837.7	-5108.7	5848	9.2	130359.3	-5127.1
5669	10.0	125143.5	-5135.9	5759	10.4	125846.2	-5152.7	5849	9.8	130400.3	-5121.2
5670	9.7	125146.0	-5145.4	5760	9.9	125849.7	-5129.4	5850	9.	130401.8	-5125.2
5671	10.4	125204.6	-5148.1	5761	9.2	125850.7	-5115.3	5851	10.4	130402.3	-5154.0
5672	10.4	125210.5	-5122.2	5762	10.0	125855.7	-5136.2	5852	9.4	130410.3	-5113.9
5673	9.2	125218.5	-5129.7	5763	10.2	125857.2	-5129.0	5853	10.4	130424.3	-5124.3
5674	9.2	125219.5	-5109.7	5764	10.0	125859.7	-5138.2	5854	10.4	130431.8	-5117.5
5675	10.4	125221.5	-5141.1	5765	8.4	125900.7	-5153.0	5855	9.8	130433.8	-5138.0
5676	9.8	125224.0	-5126.3	5766	10.0	125901.7	-5123.5	5856	9.4	130440.3	-5112.9
5677	10.0	125224.5	-5151.7	5767	10.2	125903.2	-5135.6	5857	10.4	130441.8	-5128.5
5678	10.0	125227.0	-5142.2	5768	10.4	125909.7	-5143.2	5858	10.3	130442.2	-5100.9
5679	10.2	125227.5	-5158.8	5769	9.4	125910.1	-5159.9	5859	9.2	130449.3	-5112.9
5680	10.2	125235.0	-5155.5	5770	10.0	125914.2	-5156.2	5860	10.4	130452.3	-5104.5
5681	10.4	125235.5	-5158.5	5771	10.4	125914.2	-5128.9	5861	9.4	130453.8	-5153.5
5682	10.0	125241.5	-5141.6	5772	9.8	125919.7	-5119.3	5862	10.4	130458.3	-5104.0
5683	10.3	125254.5	-5109.3	5773	10.0	125924.7	-5129.7	5863	10.0	130459.3	-5157.4
5684	10.4	125309.5	-5154.7	5774	10.4	125930.2	-5133.2	5864	10.2	130500.3	-5136.5
5685	10.3	125309.5	-5154.0	5775	10.3	125931.2	-5155.2	5865	9.6	130501.3	-5153.1
5686	10.0	125319.5	-5116.3	5776	9.9	125940.7	-5116.5	5866	10.4	130506.3	-5154.9
5867	10.0	130511.3	-5107.3								
5868	10.4	130518.3	-5102.5								
5869	9.9	130520.3	-5115.1								
5870	10.4	130526.3	-5129.3								
5871	9.8	130530.3	-5133.3								
5872	9.4	130532.3	-5121.7								
5873	10.0	130535.3	-5112.7								
5874	9.9	130541.0	-5100.1								
5875	10.4	130542.3	-5152.9								
5876	10.4	130545.8	-5143.5								
5877	9.8	130550.3	-5116.9								
5878	9.5	130552.3	-5135.1								
5879	10.0	130554.3	-5130.0								
5880	8.4	130558.3	-5144.5								
5881	9.4	130558.5	-5100.3								
5882	10.3	130559.3	-5145.5								
5883	10.0	130612.3	-5155.1								
5884	10.0	130612.3	-5126.7								
5885	10.2	130614.3	-5110.7								
5886	9.8	130615.3	-5125.1								
5887	10.4	130620.8	-5159.9								
5888	10.4	130626.3	-5116.9								
5889	10.4	130628.3	-5136.5								
5890	8.8	130631.8	-5119.3								
5891	10.4	130639.3	-5112.2								
5892	10.2	130640.3	-5135.9								
5893	10.4	130650.8	-5121.9								
5894	10.4	130652.3	-5122.3								
5895	10.0	130705.8	-5110.9								
5896	9.4	130706.8	-5146.0								
5897	10.2	130711.3	-5103.4								
5898	10.4	130712.8	-5123.7								
5899	10.4	130720.3	-5131.2								
5900	9.8	130722.3	-5112.0								
5901	8.1	130729.3	-5108.4								
5902	9.4	130731.3	-5121.0								
5903	10.0	130732.3	-5131.2								
5904	9.5	130732.3	-5152.1								
5905	9.6	130742.3	-5143.3								
5906	10.4	130746.3	-5116.2								
5907	10.4	130806.8	-5105.3								
5908	10.4	130809.4	-5119.1								
5909	9.8	130818.3	-5118.7								
5910	9.9	130819.3	-5127.3								
5911	10.4	130820.3	-5124.9								
5912	10.4	130820.3	-5130.3								
5913	10.3	130824.5	-5158.1								
5914	9.4	130827.3	-5118.5								
5915	10.0	130828.3	-5119.9								
5916	10.4	130830.3	-5109.7								
5917	9.9	130834.3	-5112.0								
5918	10.2	130836.3	-5119.5								
5919	10.4	130838.8	-5118.4								
5920	8.2	130841.8	-5145.1								
5921	9.2	130843.3	-5143.7								
5922	9.9	130843.8	-5108.7								
5923	9.4	130851.3	-5143.5								
5924	9.9	130852.3	-5150.1								
5925	10.2	130856.8	-5141.7								
5926	10.2	130903.3	-5152.7								
5927	10.2	130904.8	-5155.4								
5928	10.3	130907.3	-5138.0								
5929	10.4	130915.3	-5145.8								
5930	10.4	130919.8	-5145.0								
5931	9.7	130920.8	-5115.2								
5932	10.4	130931.3	-5116.2								
5933	10.4	130932.3	-5108.5								
5934	10.4	130936.8	-5106.4								
5935	9.8	130941.3	-5121.6								
5936	10.3	130942.3	-5152.8								
5937	10.4	130943.3	-5155.5								
5938	10.4	130944.3	-5149.6								
5939	10.3	130945.3	-5130.3								
5940	8.8	130951.3	-5135.6								
5941	10.4	130952.8	-5114.1								
5942	9.9	130959.8	-5105.9								
5943	9.9	131000.8	-5104.1								
5944	10.0	131006.3	-5110.1								
5945	10.0	131009.7	-5100.5								
5946	10.2	131011.3	-5134.2								
5947	9.4	131012.8	-5132.1								
5948	10.4	131021.3	-5115.6								
5949	9.9	131029.3	-5114.6								
5950	10.4	131030.3	-5134.2								
5951	9.2	131047.8	-5132.5								
5952	10.4	131048.8	-5141.3								
5953	10.4	131103.8	-5123.8								
5954	10.2	131106.2	-5102.1								
5955	9.0	131109.3	-5131.4								
5956	9.6	131111.3	-5150.6								

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5957	8.6	131111.8	-5149.2	6047	9.8	131735.0	-5128.8
5958	9.2	131117.3	-5134.8	6048	7.6	131735.0	-5111.4
5959	10.0	131120.3	-5149.1	6049	9.8	131735.3	-5149.1
5960	10.4	131131.3	-5120.1	6050	9.4	131739.5	-5154.6
5961	8.0	131131.7	-5159.8	6051	10.2	131739.5	-5155.4
5962	9.4	131134.3	-5129.8	6052	9.4	131740.5	-5147.6
5963	9.8	131136.8	-5107.2	6053	7.6	131744.0	-5114.3
5964	9.9	131140.7	-5102.5	6054	10.2	131745.5	-5104.6
5965	10.2	131141.3	-5115.7	6055	9.4	131746.5	-5137.4
5966	9.8	131145.8	-5146.3	6056	9.5	131747.0	-5130.7
5967	10.0	131148.3	-5131.9	6057	7.7	131751.5	-5142.6
5968	10.2	131151.3	-5131.5	6058	9.6	131755.0	-5129.1
5969	10.2	131158.8	-5140.4	6059	9.4	131759.0	-5106.5
5970	10.4	131200.3	-5108.9	6060	9.4	131800.5	-5111.3
5971	10.3	131201.3	-5155.7	6061	10.0	131804.5	-5130.3
5972	9.6	131208.3	-5133.0	6062	9.1	131813.0	-5135.9
5973	9.8	131216.3	-5146.2	6063	9.4	131814.5	-5105.2
5974	10.4	131218.8	-5108.9	6064	10.2	131818.5	-5155.6
5975	10.2	131223.8	-5119.5	6065	10.2	131819.0	-5100.6
5976	9.1	131225.8	-5137.3	6066	9.6	131822.0	-5136.8
5977	10.4	131225.8	-5150.1	6067	9.1	131822.0	-5116.0
5978	10.4	131239.3	-5102.1	6068	10.2	131828.0	-5113.7
5979	9.8	131242.3	-5106.3	6069	9.8	131828.5	-5153.9
5980	10.4	131245.3	-5106.5	6070	9.6	131845.5	-5148.3
5981	9.8	131248.3	-5152.8	6071	10.2	131846.5	-5156.3
5982	10.0	131250.3	-5153.9	6072	10.2	131851.0	-5119.0
5983	10.4	131253.3	-5135.1	6073	10.2	131859.5	-5112.5
5984	10.2	131300.3	-5120.3	6074	9.8	131914.5	-5109.5
5985	10.4	131300.3	-5107.2	6075	9.4	131917.5	-5132.5
5986	9.9	131307.8	-5113.9	6076	10.2	131917.5	-5148.7
5987	9.4	131310.3	-5117.9	6077	10.2	131919.5	-5149.0
5988	10.2	131310.3	-5153.2	6078	9.8	131919.5	-5152.0
5989	8.6	131312.3	-5135.9	6079	9.4	131924.5	-5108.0
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5991	9.9	131319.8	-5129.8	6081	10.0	131938.5	-5118.6
5992	9.7	131320.0	-5121.1	6082	10.2	131941.0	-5120.2
5993	10.3	131320.3	-5135.2	6083	10.2	131950.5	-5111.7
5994	10.0	131326.6	-5158.8	6084	9.4	131951.5	-5114.5
5995	10.4	131327.5	-5118.3	6085	9.6	132008.5	-5110.4
5996	10.4	131334.5	-5118.3	6086	9.0	132009.5	-5115.5
5997	7.9	131337.6	-5100.9	6087	9.3	132010.0	-5155.0
5998	10.0	131345.6	-5102.0	6088	9.0	132013.5	-5126.2
5999	9.4	131351.0	-5136.9	6089	9.0	132016.0	-5121.3
6000	9.4	131351.5	-5138.6	6090	9.1	132018.5	-5108.9
6001	8.8	131354.0	-5155.7	6091	9.8	132022.5	-5120.2
6002	10.2	131354.5	-5126.5	6092	9.8	132026.5	-5146.4
6003	10.0	131405.0	-5110.3	6093	9.8	132027.5	-5127.4
6004	9.0	131421.5	-5151.2	6094	9.4	132033.0	-5120.2
6005	9.1	131423.0	-5155.1	6095	9.4	132039.5	-5146.2
6006	9.5	131424.5	-5148.9	6096	9.4	132040.0	-5100.9
6007	10.4	131424.5	-5159.1	6097	9.0	132040.2	-5158.1
6008	10.4	131424.5	-5140.3	6098	9.4	132054.0	-5150.6
6009	8.8	131429.0	-5102.7	6099	9.6	132103.5	-5112.5
6010	10.2	131431.5	-5103.7	6100	9.4	132106.7	-5159.4
6011	10.4	131439.3	-5104.1	6101	10.2	132107.5	-5108.3
6012	7.0	131440.4	-5131.6	6102	9.6	132128.5	-5128.2
6013	10.0	131448.9	-5146.0	6103	9.6	132152.0	-5139.7
6014	8.8	131449.5	-5105.7	6104	9.4	132155.5	-5126.8
6015	10.3	131449.5	-5140.8	6105	10.0	132202.5	-5138.5
6016	10.0	131452.1	-5147.2	6106	10.2	132208.0	-5114.6
6017	8.4	131457.4	-5130.7	6107	9.2	132212.0	-5127.2
6018	10.0	131457.9	-5124.0	6108	9.4	132217.0	-5139.3
6019	9.8	131459.5	-5145.4	6109	9.8	132219.0	-5159.9
6020	10.4	131510.0	-5111.4	6110	9.6	132220.5	-5103.1
6021	10.0	131514.0	-5103.8	6111	10.2	132243.0	-5139.0
6022	10.2	131514.7	-5104.3	6112	10.0	132246.0	-5139.4
6023	10.4	131516.5	-5109.1	6113	9.2	132249.5	-5144.3
6024	10.0	131523.3	-5146.1	6114	9.6	132253.0	-5124.4
6025	9.8	131529.3	-5120.7	6115	10.2	132258.0	-5106.8
6026	10.2	131543.3	-5159.8	6116	9.0	132258.5	-5125.1
6027	10.0	131551.3	-5147.1	6117	9.6	132300.0	-5116.4
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6029	9.8	131611.3	-5139.3	6119	9.0	132317.5	-5115.3
6030	10.0	131623.8	-5140.4	6120	10.0	132319.5	-5120.7
6031	10.2	131623.8	-5108.7	6121	10.2	132330.5	-5114.9
6032	10.2	131624.8	-5139.0	6122	9.8	132335.5	-5136.2
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6034	9.3	131631.8	-5147.6	6124	10.2	132346.0	-5139.7
6035	9.4	131635.8	-5152.0	6125	10.2	132346.0	-5146.6
6036	10.2	131639.3	-5136.5	6126	10.2	132347.0	-5129.4
6037	9.8	131649.3	-5100.9	6127	10.2	132348.0	-5146.3
6038	7.5	131649.3	-5113.4	6128	8.2	132354.5	-5107.5
6039	10.2	131656.8	-5149.9	6129	9.6	132358.5	-5139.4
6040	10.0	131658.8	-5138.5	6130	9.6	132406.0	-5153.7
6041	8.8	131700.3	-5135.7	6131	10.2	132412.0	-5139.4
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6043	10.2	131701.3	-5144.3	6133	9.6	132431.0	-5143.2
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6045	10.2	131724.3	-5149.1	6135	9.6	132449.5	-5103.6
6046	10.2	131729.3	-5145.5	6136	10.2	132459.1	-5159.2

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6137	10.0	132503.0	-5119.2	6227	9.6	133236.7	-5107.9
6138	10.2	132510.5	-5150.2	6228	9.4	133240.2	-5142.1
6139	9.2	132516.0	-5148.1	6229	9.6	133243.6	-5139.5
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6141	10.2	132518.5	-5144.0	6231	10.2	133247.7	-5134.5
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6143	9.0	132524.5	-5101.5	6233	8.6	133251.7	-5144.0
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6147	10.2	132548.5	-5126.9	6237	10.2	133319.7	-5118.0
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6149	8.5	132557.0	-5152.5	6239	9.6	133324.7	-5130.0
6150	8.8	132600.5	-5144.7	6240	10.2	133328.7	-5142.0
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6152	9.6	132605.0	-5128.8	6242	10.2	133338.7	-5106.2
6153	8.8	132608.5	-5122.2	6243	9.8	133340.7	-5106.9
6154	9.3	132623.5	-5114.1	6244	9.6	133344.7	-5144.8
6155	10.2	132637.0	-5117.2	6245	10.2	133401.7	-5144.0
6156	9.0	132637.5	-5144.6	6246	10.2	133406.0	-5101.0
6157	9.6	132639.5	-5124.8	6247	10.2	133408.7	-5125.7
6158	10.2	132641.5	-5151.9	6248	10.2	133410.2	-5122.0
6159	10.2	132643.5	-5153.7	6249	10.2	133421.7	-5134.6
6160	10.0	132646.5	-5148.6	6250	7.9	133432.7	-5101.2
6161	8.8	132707.0	-5123.7	6251	10.2	133443.2	-5154.8
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6163	10.2	132708.0	-5159.6	6253	8.8	133448.7	-5154.5
6164	10.2	132708.5	-5130.0	6254	10.0	133449.7	-5133.2
6165	10.2	132711.5	-5116.5	6255	9.6	133452.7	-5117.2
6166	9.0	132713.5	-5122.3	6256	9.8	133506.2	-5111.8
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6168	8.8	132721.0	-5130.8	6258	10.2	133509.7	-5138.6
6169	9.8	132725.5	-5136.0	6259	10.2	133514.2	-5122.6
6170	8.1	132727.9	-5159.9	6260	10.0	133515.2	-5151.6
6171	9.6	132742.0	-5119.4	6261	10.2	133517.2	-5126.2
6172	9.4	132746.0	-5135.9	6262	9.8	133532.6	-5140.9
6173	9.8	132746.0	-5150.0	6263	9.4	133537.1	-5117.7
6174	9.4	132749.5	-5108.2	6264	10.0	133549.6	-5141.2
6175	9.6	132752.0	-5154.8	6265	10.0	133550.6	-5113.9
6176	10.0	132758.0	-5105.0	6266	8.1	133559.6	-5128.0
6177	10.2	132759.8	-5100.7	6267	10.2	133606.6	-5114.5
6178	10.0	132801.5	-5126.9	6268	10.2	133611.6	-5144.0
6179	10.2	132807.5	-5157.6	6269	10.2	133625.3	-5157.9
6180	10.0	132813.0	-5142.6	6270	9.6	133628.5	-5150.6
6181	10.2	132820.5	-5143.0	6271	8.5	133628.6	-5137.1
6182	10.0	132828.5	-5153.0	6272	9.6	133630.6	-5143.2
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6184	10.2	132843.0	-5155.5	6274	9.6	133636.1	-5114.0
6185	10.2	132843.0	-5151.1	6275	10.0	133638.6	-5139.1
6186	10.0	132844.5	-5141.5	6276	8.8	133650.6	-5139.4
6187	10.2	132846.0	-5113.2	6277	9.8	133650.6	-5109.8
6188	9.8	132850.5	-5129.3	6278	10.2	133659.1	-5146.0
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6190	10.2	132854.7	-5142.7	6280	10.2	133700.6	-5143.0
6191	10.0	132900.7	-5146.2	6281	10.0	133701.6	-5108.5
6192	10.0	132900.7	-5119.3	6282	10.2	133702.6	-5105.0
6193	9.3	132904.7	-5127.8	6283	9.4	133707.6	-5156.0
6194	9.8	132907.2	-5130.1	6284	10.2	133708.5	-5152.4
6195	10.0	132922.2	-5108.4	6285	10.2	133709.1	-5142.2
6196	9.0	132922.7	-5124.8	6286	10.2	133719.5	-5103.5
6197	10.0	132923.7	-5142.6	6287	10.0	133723.1	-5124.4
6198	10.0	132950.7	-5100.8	6288	10.2	133723.1	-5111.9
6199	10.2	132958.2	-5117.6	6289	9.6	133728.6	-5129.0
6200	9.1	133009.5	-5100.6	6290	10.2	133733.1	-5122.7
6201	9.4	133009.7	-5151.2	6291	10.2	133734.6	-5120.6
6202	9.6	133011.7	-5109.6	6292	10.0	133734.6	-5152.6
6203	9.8	133013.7	-5105.6	6293	10.2	133736.6	-5114.0
6204	10.2	133019.7	-5109.2	6294	10.2	133739.6	-5135.4
6205	9.8	133021.2	-5136.0	6295	10.2	133744.6	-5132.0
6206	10.0	133032.7	-5137.6	6296	10.2	133749.6	-5137.6
6207	9.6	133044.2	-5149.2	6297	9.4	133749.6	-5135.8
6208	9.6	133048.7	-5158.3	6298	9.8	133749.6	-5105.6
6209	10.0	133051.7	-5106.7	6299	10.0	133750.6	-5134.8
6210	9.6	133056.2	-5129.6	6300	10.2	133759.6	-5144.7
6211	10.2	133058.7	-5156.0	6301	10.2	133800.5	-5152.2
6212	10.0	133109.6	-5149.1	6302	7.8	133809.1	-5140.6
6213	7.9	133109.7	-5134.1	6303	7.4	133810.5	-5153.2
6214	9.4	133110.7	-5113.0	6304	9.6	133829.5	-5148.3
6215	10.0	133123.2	-5106.8	6305	9.6	133830.5	-5141.9
6216	9.8	133133.2	-5143.8	6306	8.6	133834.5	-5105.0
6217	10.2	133136.7	-5107.9	6307	9.2	133843.0	-5124.0
6218	10.2	133137.7	-5113.7	6308	7.2	133913.5	-5138.5
6219	10.2	133148.7	-5145.1	6309	8.2	133915.5	-5151.6
6220	10.2	133150.2	-5141.4	6310	10.0	133923.5	-5103.4
6221	9.3	133155.7	-5136.6	6311	9.3	133941.5	-5119.9
6222	10.2	133207.7	-5103.0	6312	10.2	133942.5	-5124.7
6223	9.4	133214.7	-5149.1	6313	9.6	133951.5	-5110.3
6224	9.6	133214.7	-5144.1	6314	10.2	133956.0	-5129.1
6225	9.8	133219.7	-5156.0	6315	9.6	134002.5	-5126.5
6226	10.0	133221.7	-5110.8	6316	9.3	134003.0	-5101.6

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-51 6677 14h05m

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6877	10.3	142029.8	-5129.9
6878	10.0	142029.8	-5126.8
6879	10.3	142036.3	-5146.6
6880	9.3	142044.8	-5149.1
6881	10.0	142058.3	-5139.4
6882	10.2	142101.8	-5147.5
6883	8.5	142109.8	-5118.6
6884	9.1	142117.3	-5115.5
6885	9.3	142117.3	-5117.0
6886	10.3	142117.8	-5152.8
6887	9.6	142128.3	-5103.8
6888	8.8	142129.8	-5118.2
6889	9.8	142131.3	-5133.5
6890	9.6	142132.8	-5146.2
6891	9.2	142140.8	-5123.6
6892	9.6	142143.3	-5121.3
6893	10.3	142144.8	-5115.5
6894	10.2	142150.3	-5115.8
6895	9.6	142153.8	-5104.2
6896	9.8	142154.8	-5105.8
6897	10.0	142159.3	-5137.8
6898	8.7	142200.8	-5141.8
6899	9.0	142201.8	-5132.2
6900	10.2	142204.3	-5149.0
6901	10.0	142215.3	-5152.2
6902	10.3	142219.8	-5145.2
6903	10.2	142227.8	-5122.4
6904	9.2	142229.8	-5114.0
6905	10.2	142236.8	-5143.2
6906	10.2	142238.8	-5113.4
6907	10.2	142250.8	-5154.0
6908	8.5	142252.3	-5134.7
6909	10.0	142300.8	-5120.6
6910	9.9	142303.3	-5118.0
6911	10.0	142304.8	-5129.0
6912	10.0	142304.8	-5146.4
6913	9.3	142309.8	-5137.4
6914	10.2	142313.8	-5155.5
6915	9.2	142318.3	-5136.2
6916	9.5	142321.1	-5102.4
6917	10.3	142321.3	-5129.1
6918	10.3	142322.3	-5128.8
6919	9.2	142323.3	-5122.3
6920	9.6	142329.0	-5157.8
6921	9.9	142331.8	-5121.0
6922	9.6	142333.8	-5139.9
6923	9.9	142339.8	-5107.3
6924	9.9	142339.8	-5147.2
6925	9.3	142346.8	-5147.2
6926	10.2	142350.8	-5110.7
6927	9.5	142354.3	-5106.5
6928	10.2	142354.8	-5114.3
6929	10.2	142355.3	-5111.8
6930	9.5	142355.8	-5109.4
6931	7.8	142358.3	-5124.9
6932	9.6	142401.8	-5104.5
6933	9.6	142409.8	-5144.2
6934	9.5	142415.8	-5132.4
6935	10.3	142417.3	-5114.0
6936	10.3	142433.8	-5122.7
6937	10.3	142447.8	-5111.2
6938	9.1	142455.7	-5156.9
6939	9.9	142502.3	-5109.7
6940	8.2	142507.3	-5149.3
6941	9.6	142509.3	-5139.2
6942	10.3	142511.8	-5127.7
6943	10.2	142515.3	-5109.1
6944	8.7	142515.8	-5148.3
6945	9.6	142518.8	-5118.0
6946	10.0	142524.8	-5155.3

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6947	10.2	142526.8	-5133.0
6948	9.0	142530.0	-5159.0
6949	9.8	142533.8	-5108.6
6950	10.3	142535.3	-5125.7
6951	10.3	142538.5	-5106.7
6952	10.3	142542.8	-5148.7
6953	8.9	142544.8	-5155.7
6954	9.1	142547.3	-5115.9
6955	9.6	142602.0	-5158.9
6956	10.0	142616.8	-5124.3
6957	9.2	142622.8	-5134.3
6958	9.3	142625.8	-5124.4
6959	9.9	142632.3	-5127.7
6960	9.6	142652.8	-5136.8
6961	9.8	142659.8	-5118.7
6962	10.2	142659.8	-5134.9
6963	9.6	142703.8	-5152.2
6964	8.2	142705.8	-5155.4
6965	10.0	142711.8	-5107.5
6966	10.0	142714.3	-5157.9
6967	10.0	142716.3	-5120.3
6968	10.2	142727.8	-5121.3
6969	10.0	142732.3	-5125.7
6970	10.2	142736.8	-5115.3
6971	8.5	142746.3	-5122.4
6972	9.0	142751.8	-5119.5
6973	9.9	142754.3	-5118.6
6974	10.3	142756.8	-5110.0
6975	10.2	142757.3	-5128.6
6976	10.0	142757.8	-5153.6
6977	8.6	142759.8	-5130.2
6978	9.8	142801.3	-5134.7
6979	10.3	142803.8	-5127.4
6980	9.4	142804.8	-5112.8
6981	9.8	142805.3	-5124.1
6982	9.6	142806.3	-5138.2
6983	10.0	142812.8	-5137.1
6984	10.3	142827.3	-5128.0
6985	10.3	142830.8	-5125.2
6986	9.9	142832.3	-5123.4
6987	9.8	142837.3	-5117.1
6988	9.4	142837.8	-5137.2
6989	9.8	142839.8	-5120.1
6990	9.8	142839.8	-5133.2
6991	10.2	142845.8	-5138.9
6992	10.3	142853.5	-5158.7
6993	10.2	142853.5	-5159.0
6994	9.0	142858.8	-5103.4
6995	9.3	142858.8	-5128.4
6996	9.8	142859.3	-5149.6
6997	9.8	142907.8	-5132.0
6998	9.5	142909.8	-5136.8
6999	10.2	142909.8	-5136.3
7000	10.2	142915.8	-5144.6
7001	8.7	142916.8	-5130.8
7002	9.9	142918.1	-5102.2
7003	8.8	142919.8	-5134.3
7004	9.8	142919.8	-5129.0
7005	10.2	142919.8	-5123.6
7006	10.3	142925.8	-5125.5
7007	10.2	142939.8	-5125.3
7008	9.6	142940.8	-5150.1
7009	9.5	142941.8	-5121.7
7010	9.3	142948.3	-5109.9
7011	10.2	142949.8	-5108.7
7012	10.0	142951.3	-5113.8
7013	10.3	142951.8	-5143.0
7014	9.8	142953.3	-5154.4
7015	8.8	142959.8	-5113.8
7016	9.3	143010.8	-5154.6
7017	9.3	143011.8	-5105.7
7018	9.0	143013.8	-5122.3
7019	10.0	143046.8	-5117.1
7020	10.0	143051.8	-5149.6
7021	10.0	143052.8	-5100.0
7022	9.8	143058.3	-5105.8
7023	10.0	143100.8	-5101.1
7024	10.3	143104.7	-5137.6
7025	10.0	143105.3	-5115.2
7026	10.3	143108.8	-5152.9
7027	10.3	143110.8	-5155.6
7028	10.3	143111.8	-5154.1
7029	9.3	143114.8	-5151.6
7030	10.3	143116.8	-5135.7
7031	10.0	143123.8	-5108.7
7032	8.3	143124.9	-5131.3
7033	9.1	143125.4	-5106.2
7034	10.0	143129.4	-5143.0
7035	9.6	143129.4	-5119.4
7036	10.3	143132.4	-5147.5

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-51 7396 14h51m

7037 9.8 143132.4 -5120.0	7127 10.0 143650.4 -5125.4	7217 8.8 144159.4 -5123.2	7307 10.6 144650.7 -5156.8
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7039 10.3 143137.4 -5122.5	7129 10.0 143655.9 -5154.4	7219 10.0 144205.4 -5115.6	7309 10.6 144709.1 -5118.6
7040 10.0 143139.9 -5109.9	7130 9.6 143659.4 -5121.5	7220 10.2 144206.9 -5113.7	7310 10.0 144710.1 -5149.4
7041 9.2 143147.4 -5135.1	7131 10.0 143706.4 -5117.4	7221 9.8 144211.4 -5145.0	7311 10.0 144710.6 -5144.2
7042 10.0 143150.4 -5146.3	7132 9.9 143708.4 -5151.8	7222 10.3 144211.4 -5144.4	7312 10.2 144713.6 -5134.4
7043 10.2 143151.9 -5138.0	7133 10.2 143721.4 -5107.8	7223 10.2 144214.6 -5105.4	7313 10.4 144717.1 -5139.4
7044 10.2 143152.4 -5125.0	7134 10.0 143722.9 -5151.7	7224 9.6 144215.9 -5153.5	7314 9.1 144722.1 -5144.8
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7059 10.2 143247.8 -5113.3	7149 10.2 143818.4 -5103.0	7239 10.0 144309.4 -5143.7	7329 10.6 144810.1 -5134.4
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7112 10.3 143549.9 -5140.3	7202 10.2 144129.4 -5138.9	7292 9.6 144558.4 -5117.8	7382 10.1 145044.3 -5128.1
7113 9.8 143556.9 -5135.6	7203 10.3 144129.9 -5119.4	7293 10.1 144558.4 -5146.5	7383 10.6 145046.8 -5149.6
7114 10.3 143602.9 -5118.4	7204 7.6 144131.4 -5151.8	7294 9.2 144600.4 -5127.2	7384 10.6 145047.8 -5154.8
7115 10.3 143604.9 -5150.6	7205 9.0 144131.9 -5109.8	7295 9.4 144616.4 -5125.1	7385 9.8 145048.3 -5127.7
7116 9.9 143608.9 -5111.1	7206 10.2 144134.5 -5101.9	7296 10.1 144618.2 -5157.8	7386 10.6 145049.8 -5149.3
7117 10.0 143614.4 -5111.4	7207 8.6 144134.9 -5104.6	7297 10.6 144621.9 -5139.0	7387 10.6 145106.8 -5107.2
7118 9.4 143618.4 -5102.6	7208 8.9 144144.9 -5137.9	7298 9.5 144623.4 -5134.0	7388 10.6 145108.8 -5126.7
7119 10.3 143622.7 -5114.2	7209 10.0 144149.9 -5127.0	7299 10.6 144624.4 -5148.6	7389 10.6 145118.3 -5121.2
7120 10.3 143623.4 -5104.2	7210 10.0 144150.4 -5113.1	7300 10.6 144625.4 -5157.1	7390 10.0 145118.8 -5149.5
7121 9.6 143629.4 -5105.8	7211 9.6 144150.9 -5146.6	7301 9.6 144627.4 -5135.8	7391 10.6 145121.8 -5106.3
7122 9.6 143641.4 -5151.7	7212 10.2 144151.9 -5145.0	7302 10.6 144627.9 -5110.5	7392 10.0 145123.8 -5103.9
7123 9.8 143641.4 -5130.7	7213 10.3 144152.9 -5134.7	7303 9.6 144628.4 -5144.8	7393 10.2 145123.8 -5108.2
7124 8.6 143642.9 -5127.7	7214 8.2 144155.4 -5144.6	7304 9.6 144634.9 -5104.2	7394 10.2 145123.8 -5119.4
7125 9.6 143643.9 -5150.9	7215 9.8 144157.4 -5145.1	7305 10.6 144638.4 -5119.3	7395 10.0 145126.8 -5135.5
7126 10.2 143647.9 -5107.2	7216 10.2 144157.9 -5154.8	7306 9.1 144643.9 -5107.0	7396 10.0 145130.8 -5113.5

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7397	9.4	145131.3	-5131.1
7398	10.6	145134.3	-5101.4
7399	10.6	145136.8	-5129.9
7400	10.0	145137.8	-5154.3
7401	8.4	145141.8	-5159.5
7402	10.3	145147.8	-5108.3
7403	10.6	145148.3	-5124.7
7404	10.6	145148.8	-5153.0
7405	10.6	145150.3	-5119.3
7406	10.4	145153.8	-5107.3
7407	10.0	145157.8	-5119.1
7408	10.6	145202.8	-5124.5
7409	10.6	145203.8	-5115.1
7410	10.6	145208.3	-5111.9
7411	10.2	145208.8	-5118.9
7412	10.3	145217.8	-5124.1
7413	10.0	145223.8	-5130.7
7414	10.6	145226.8	-5110.0
7415	10.6	145228.8	-5126.4
7416	10.0	145230.3	-5125.3
7417	10.3	145230.3	-5118.7
7418	10.1	145230.8	-5129.5
7419	10.1	145231.8	-5142.0
7420	10.6	145231.8	-5100.3
7421	9.5	145243.3	-5137.9
7422	10.6	145247.3	-5152.1
7423	9.5	145247.8	-5123.2
7424	9.0	145248.8	-5125.1
7425	10.6	145253.8	-5132.0
7426	10.6	145258.8	-5122.5
7427	10.6	145259.3	-5101.3
7428	9.4	145301.3	-5127.1
7429	9.6	145302.3	-5125.9
7430	10.0	145303.8	-5142.2
7431	10.6	145304.8	-5152.3
7432	8.4	145305.3	-5125.2
7433	10.3	145315.8	-5133.9
7434	10.6	145322.6	-5158.9
7435	10.6	145326.3	-5150.5
7436	10.0	145326.8	-5155.3
7437	9.6	145328.8	-5129.6
7438	10.4	145335.8	-5108.8
7439	10.3	145337.8	-5157.5
7440	10.6	145340.8	-5152.9
7441	9.5	145342.3	-5114.1
7442	10.6	145343.8	-5122.0
7443	9.4	145347.8	-5149.0
7444	10.6	145347.8	-5153.1
7445	10.0	145348.8	-5116.6
7446	10.0	145349.3	-5109.6
7447	10.3	145351.3	-5120.5
7448	10.6	145351.8	-5106.3
7449	10.6	145358.8	-5134.7
7450	10.4	145400.8	-5104.7
7451	10.6	145405.8	-5132.3
7452	10.6	145406.3	-5149.1
7453	10.6	145407.3	-5117.7
7454	10.6	145411.3	-5105.1
7455	10.6	145416.8	-5114.9
7456	10.6	145418.9	-5108.6
7457	10.4	145420.8	-5133.2
7458	10.6	145421.8	-5118.3
7459	10.2	145428.8	-5136.5
7460	9.4	145428.8	-5142.2
7461	9.6	145429.3	-5110.9
7462	10.6	145432.3	-5146.3
7463	10.6	145433.3	-5150.8
7464	10.6	145433.8	-5127.0
7465	10.6	145438.8	-5151.3
7466	10.4	145443.8	-5137.1
7467	10.0	145443.8	-5147.3
7468	9.6	145444.8	-5149.1
7469	10.6	145447.3	-5144.7
7470	9.8	145447.8	-5119.8
7471	10.2	145447.8	-5118.7
7472	9.4	145447.8	-5117.9
7473	10.6	145455.3	-5128.7
7474	10.0	145502.8	-5156.3
7475	9.4	145503.8	-5129.1
7476	10.6	145510.3	-5130.5
7477	9.8	145512.8	-5153.2
7478	8.2	145513.8	-5143.2
7479	10.4	145515.8	-5132.1
7480	10.1	145517.8	-5109.4
7481	10.6	145518.3	-5137.1
7482	10.6	145522.3	-5106.0
7483	10.3	145523.8	-5150.1
7484	10.6	145523.8	-5139.9
7485	10.3	145523.8	-5136.1
7486	10.0	145524.3	-5119.4
7487	10.6	145526.8	-5125.5
7488	8.6	145531.9	-5100.9
7489	10.6	145535.8	-5152.1
7490	9.6	145536.3	-5116.3
7491	10.0	145538.8	-5137.1
7492	10.6	145538.8	-5108.4
7493	10.6	145547.8	-5124.7
7494	9.2	145550.5	-5159.7
7495	10.2	145552.9	-5102.4
7496	9.6	145552.8	-5155.0
7497	10.0	145552.8	-5105.1
7498	10.4	145555.3	-5134.9
7499	10.6	145558.4	-5128.3
7500	10.3	145558.9	-5129.0
7501	10.4	145608.9	-5109.7
7502	10.4	145608.9	-5133.0
7503	10.6	145611.1	-5157.5
7504	10.2	145613.4	-5125.9
7505	10.4	145614.9	-5141.7
7506	10.1	145617.9	-5141.1
7507	10.4	145618.4	-5153.5
7508	9.4	145627.4	-5124.5
7509	10.6	145633.4	-5149.6
7510	10.0	145633.4	-5112.7
7511	9.4	145636.4	-5115.1
7512	10.3	145653.9	-5114.6
7513	8.8	145658.9	-5149.7
7514	10.2	145700.9	-5104.8
7515	10.3	145701.1	-5144.6
7516	10.3	145703.1	-5144.9
7517	10.6	145703.4	-5123.0
7518	9.6	145711.4	-5138.7
7519	10.3	145712.9	-5104.8
7520	9.6	145714.9	-5159.0
7521	9.6	145716.4	-5101.9
7522	10.4	145723.9	-5134.7
7523	10.4	145724.4	-5108.3
7524	10.6	145725.4	-5106.3
7525	10.6	145727.9	-5131.1
7526	10.6	145732.9	-5127.9
7527	10.6	145733.9	-5105.8
7528	10.6	145735.3	-5158.5
7529	9.2	145742.4	-5139.0
7530	10.6	145743.9	-5106.0
7531	10.6	145746.6	-5126.3
7532	10.4	145754.1	-5129.1
7533	10.6	145754.1	-5110.0
7534	9.4	145755.1	-5142.0
7535	9.6	145759.6	-5115.1
7536	6.8	145800.1	-5132.5
7537	10.6	145802.1	-5140.9
7538	10.1	145806.1	-5139.1
7539	10.6	145821.1	-5116.5
7540	9.6	145828.1	-5153.5
7541	10.0	145829.1	-5137.0
7542	9.2	145831.1	-5100.9
7543	10.0	145832.1	-5146.5
7544	10.1	145834.6	-5141.6
7545	10.6	145838.1	-5136.3
7546	10.4	145839.1	-5112.2
7547	9.0	145844.1	-5107.2
7548	10.2	145844.6	-5102.9
7549	10.6	145846.6	-5132.3
7550	9.8	145848.1	-5101.3
7551	10.6	145849.1	-5128.1
7552	9.6	145851.6	-5102.6
7553	10.6	145855.6	-5152.1
7554	9.5	145857.1	-5133.6
7555	10.4	145859.1	-5119.4
7556	10.0	145900.1	-5147.0
7557	8.6	145907.6	-5101.5
7558	10.4	145909.1	-5127.1
7559	10.6	145909.1	-5145.2
7560	10.0	145915.6	-5134.5
7561	9.4	145918.1	-5129.9
7562	10.6	145919.1	-5144.5
7563	10.6	145923.1	-5149.5
7564	10.6	145928.1	-5104.6
7565	9.8	145929.4	-5120.3
7566	9.8	145929.4	-5116.7
7567	9.8	145930.9	-5113.1
7568	10.3	145932.9	-5149.2
7569	10.6	145932.9	-5153.7
7570	10.6	145938.4	-5142.3
7571	10.2	145939.9	-5118.2
7572	10.6	145944.9	-5153.7
7573	10.6	145947.9	-5110.9
7574	10.3	145950.4	-5131.8
7575	10.0	145950.4	-5153.0
7576	10.6	145950.9	-5151.3
7577	10.6	145953.9	-5142.9
7578	10.1	145957.9	-5144.4
7579	10.1	145958.9	-5119.1
7580	10.0	150002.4	-5151.4
7581	10.0	150007.4	-5112.9
7582	10.3	150008.9	-5111.5
7583	10.6	150011.9	-5107.2
7584	10.6	150017.4	-5142.3
7585	9.2	150017.8	-5157.9
7586	10.2	150019.4	-5111.1
7587	10.2	150019.4	-5116.1
7588	10.6	150034.9	-5124.6
7589	10.6	150037.4	-5147.2
7590	9.8	150041.4	-5125.3
7591	10.2	150042.4	-5137.3
7592	10.6	150045.4	-5153.4
7593	10.3	150046.9	-5112.9
7594	10.6	150054.4	-5159.1
7595	10.6	150054.4	-5135.1
7596	10.2	150058.4	-5103.0
7597	9.8	150102.9	-5145.0
7598	10.6	150107.9	-5156.3
7599	9.1	150109.4	-5156.1
7600	10.4	150110.4	-5144.7
7601	9.1	150110.4	-5141.2
7602	10.6	150112.9	-5104.5
7603	10.0	150114.9	-5104.1
7604	10.0	150115.9	-5133.6
7605	10.0	150117.4	-5135.2
7606	10.6	150118.9	-5154.1
7607	9.8	150125.4	-5158.3
7608	8.8	150127.4	-5141.1
7609	8.0	150129.9	-5132.4
7610	9.0	150131.9	-5116.5
7611	9.2	150131.9	-5119.3
7612	10.1	150135.9	-5137.9
7613	10.0	150136.9	-5150.1
7614	10.4	150138.4	-5146.0
7615	8.8	150146.4	-5155.9
7616	10.0	150149.4	-5102.7
7617	10.6	150150.6	-5128.2
7618	9.6	150152.2	-5100.3
7619	10.6	150156.9	-5120.3
7620	10.3	150204.4	-5135.3
7621	9.1	150208.4	-5128.3
7622	10.6	150211.9	-5125.3
7623	10.0	150218.4	-5105.4
7624	9.8	150219.4	-5138.8
7625	10.0	150221.4	-5139.3
7626	9.1	150224.4	-5143.5
7627	9.8	150229.4	-5128.6
7628	10.3	150245.9	-5157.9
7629	10.6	150246.9	-5115.9
7630	10.2	150251.9	-5125.3
7631	9.6	150253.9	-5114.9
7632	10.6	150257.4	-5150.7
7633	10.2	150258.9	-5144.4
7634	10.3	150259.4	-5140.9
7635	9.2	150304.2	-5147.1
7636	10.2	150304.2	-5142.3
7637	10.6	150306.9	-5106.4
7638	9.6	150307.7	-5145.5
7639	8.0	150310.7	-5137.8
7640	10.6	150312.2	-5144.1
7641	10.6	150316.2	-5126.9
7642	10.6	150317.7	-5125.7
7643	4.9	150319.0	-5137.3
7644	8.6	150321.4	-5156.9
7645	10.1	150323.7	-5129.1
7646	10.6	150323.9	-5145.9
7647	10.6	150325.2	-5113.1
7648	10.6	150333.9	-5132.5
7649	10.6	150335.2	-5149.9
7650	10.2	150337.2	-5144.5
7651	10.0	150338.7	-5142.6
7652	8.6	150339.2	-5106.4
7653	10.3	150339.7	-5144.1
7654	10.3	150345.2	-5117.8
7655	10.0	150346.2	-5142.3
7656	10.2	150349.7	-5109.9
7657	8.0	150349.7	-5133.3
7658	9.8	150353.2	-5104.3
7659	10.6	150355.2	-5150.9
7660	8.4	150359.7	-5129.9
7661	10.4	150359.9	-5158.1
7662	8.8	150402.7	-5112.1
7663	10.6	150406.9	-5101.7
7664	10.0	150409.7	-5111.3
7665	10.3	150409.7	-5109.4
7666	10.2	150410.7	-5135.5

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7667	10.0	150413.2	-5125.8
7668	10.6	150414.9	-5102.1
7669	10.3	150418.2	-5134.5
7670	10.4	150419.7	-5140.7
7671	10.6	150419.7	-5121.9
7672	9.4	150420.7	-5124.7
7673	9.8	150420.7	-5108.0
7674	10.6	150424.2	-5151.9
7675	10.3	150424.9	-5157.2
7676	9.1	150427.7	-5151.3
7677	9.4	150431.4	-5102.7
7678	10.0	150432.2	-5150.0
7679	10.6	150433.7	-5125.4
7680	10.0	150434.2	-5149.0
7681	10.6	150435.7	-5158.8
7682	10.0	150436.7	-5149.2
7683	10.2	150439.2	-5128.0
7684	10.2	150439.8	-5151.1
7685	10.6	150441.7	-5126.4
7686	10.6	150444.2	-5103.2
7687	10.0	150444.7	-5156.9
7688	10.0	150444.7	-5131.6
7689	10.6	150449.2	-5102.7
7690	8.2	150450.7	-5137.7
7691	9.6	150450.7	-5139.8
7692	10.6	150450.9	-5157.3
7693	10.4	150451.7	-5111.3
7694	10.2	150452.2	-5153.3
7695	8.6	150455.7	-5133.4
7696	10.3	150456.7	-5141.3
7697	10.6	150458.2	-5135.2
7698	10.6	150459.2	-5116.2
7699	10.3	150503.7	-5138.6
7700	10.0	150507.7	-5135.6
7701	10.4	150508.2	-5119.8
7702	10.1	150509.7	-5138.2
7703	10.6	150512.7	-5125.1
7704	10.3	150519.7	-5156.2
7705	9.8	150520.8	-5120.9
7706	10.4	150521.7	-5150.0
7707	9.8	150522.7	-5111.1
7708	10.4	150524.7	-5122.1
7709	10.6	150526.2	-5108.0
7710	10.4	150529.8	-5141.5
7711	10.1	150530.7	-5157.5
7712	10.4	150530.7	-5109.0
7713	10.0	150532.2	-5153.8
7714	10.1	150534.7	-5101.7
7715	10.6	150536.7	-5105.2
7716	10.6	150537.7	-5155.4
7717	10.6	150543.7	-5116.5
7718	9.4	150544.7	-5132.2
7719	9.0	150547.7	-5131.9
7720	10.0	150549.7	-5121.2
7721	9.2	150551.7	-5152.0
7722	10.6	150552.7	-5119.0
7723	10.6	150555.7	-5105.5
7724	10.6	150556.7	-5143.1
7725	10.2	150556.7	-5137.5
7726	10.6	150558.7	-5129.7
7727	9.2	150559.7	-5125.9
7728	10.6	150602.2	-5138.8
7729	9.4	150602.9	-5100.3
7730	10.6	150606.7	-5150.3
7731	10.6	150606.7	-5133.8
7732	10.1	150612.2	-5122.9
7733	10.6	150612.2	-5117.6
7734	10.6	150617.7	-5119.5
7735	10.2	150618.7	-5125.6
7736	10.6	150619.7	-5151.5
7737	10.6	150621.7	-5151.9
7738	10.2	150626.7	-5106.5
7739	9.1	150634.7	-5101.7
7740	9.1	150635.2	-5116.9
7741	10.4	150639.7	-5117.3
7742	10.6	150644.7	-5152.8
7743	8.8	150646.2	-5106.0
7744	10.6	150647.7	-5137.1
7745	10.4	150648.2	-5138.3
7746	10.6	150649.7	-5137.1
7747	10.6	150651.7	-5112.0
7748	9.1	150657.2	-5116.0
7749	9.4	150659.2	-5113.9
7750	9.6	150701.2	-5126.3
7751	10.6	150711.7	-5103.7
7752	8.6	150717.2	-5109.9
7753	10.6	150719.2	-5145.6
7754	10.3	150720.7	-5117.6
7755	10.0	150721.2	-5123.4
7756	10.1	150724.2	-5119.1

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-51 8116 15h21m

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-51 8117 15h21m

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8238	9.6	152615.2	-5142.0
8239	9.9	152620.2	-5117.9
8240	9.2	152620.7	-5150.3
8241	8.6	152623.7	-5110.4
8242	9.4	152625.7	-5138.8
8243	9.6	152626.2	-5154.2
8244	9.4	152630.2	-5110.6
8245	10.0	152630.7	-5113.6
8246	9.0	152640.2	-5114.5
8247	9.2	152642.2	-5128.1
8248	9.8	152642.2	-5158.5
8249	9.4	152645.2	-5104.1
8250	9.8	152651.2	-5154.7
8251	10.0	152651.2	-5144.9
8252	9.9	152655.2	-5157.0
8253	9.9	152656.6	-5159.2
8254	9.4	152702.2	-5135.1
8255	10.0	152707.7	-5110.9
8256	9.8	152712.2	-5107.4
8257	9.8	152714.7	-5149.1
8258	10.0	152715.2	-5156.1
8259	9.6	152715.7	-5140.0
8260	8.8	152718.2	-5131.4
8261	9.8	152720.2	-5137.5
8262	9.2	152721.7	-5126.9
8263	9.9	152725.2	-5111.3
8264	10.0	152727.7	-5100.0
8265	9.4	152735.2	-5100.4
8266	9.9	152736.2	-5134.2
8267	9.6	152736.7	-5116.5
8268	9.8	152736.7	-5149.5
8269	9.6	152740.7	-5146.6
8270	9.6	152742.3	-5101.8
8271	9.6	152743.2	-5133.8
8272	10.0	152750.7	-5125.7
8273	9.8	152755.2	-5147.2
8274	9.8	152759.2	-5146.4
8275	9.6	152759.7	-5108.1
8276	10.0	152759.7	-5142.8
8277	9.8	152801.2	-5143.0
8278	9.0	152804.2	-5159.0
8279	9.4	152805.2	-5130.9
8280	9.6	152806.7	-5154.4
8281	10.0	152813.7	-5119.0
8282	9.0	152814.2	-5114.7
8283	9.6	152817.2	-5103.0
8284	8.8	152818.2	-5147.0
8285	9.0	152820.2	-5112.0
8286	9.9	152820.2	-5124.0
8287	9.2	152820.2	-5122.6
8288	9.2	152820.7	-5111.7
8289	9.6	152822.2	-5107.3
8290	9.4	152822.2	-5102.1
8291	8.8	152822.7	-5159.2
8292	9.6	152827.2	-5137.6
8293	10.0	152828.2	-5139.9
8294	9.4	152829.2	-5121.9
8295	9.4	152830.2	-5112.9
8296	10.0	152833.7	-5154.3

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8297	10.0	152841.3	-5111.2
8298	9.6	152842.7	-5118.2
8299	9.4	152845.7	-5155.3
8300	9.6	152850.2	-5153.0
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8302	9.9	152857.7	-5132.1
8303	10.0	152858.7	-5117.9
8304	10.0	152900.2	-5124.3
8305	9.4	152903.2	-5155.1
8306	10.0	152904.2	-5133.5
8307	8.6	152907.2	-5153.6
8308	9.9	152907.4	-5159.4
8309	9.8	152910.2	-5102.2
8310	9.9	152914.2	-5107.5
8311	9.9	152914.2	-5140.6
8312	9.9	152914.7	-5151.3
8313	9.9	152920.2	-5138.1
8314	9.6	152921.2	-5108.4
8315	9.8	152921.2	-5156.8
8316	10.0	152922.2	-5150.9
8317	9.6	152923.7	-5111.2
8318	8.6	152923.7	-5103.6
8319	9.6	152927.2	-5157.4
8320	5.8	152931.9	-5157.5
8321	9.2	152933.4	-5101.0
8322	9.8	152934.2	-5135.5
8323	9.6	152934.2	-5154.8
8324	9.8	152941.7	-5142.0
8325	9.8	152948.7	-5143.1
8326	9.4	152953.2	-5125.5
8327	9.2	152955.7	-5105.1
8328	9.6	153000.7	-5146.4
8329	9.9	153011.2	-5124.8
8330	9.6	153013.2	-5117.4
8331	9.8	153014.7	-5111.6
8332	10.0	153015.5	-5101.9
8333	9.6	153015.7	-5108.4
8334	9.4	153017.2	-5112.3
8335	9.9	153018.7	-5157.0
8336	9.6	153023.7	-5150.1
8337	10.0	153028.2	-5108.6
8338	9.0	153029.2	-5101.2
8339	10.0	153031.2	-5138.4
8340	9.4	153032.7	-5113.4
8341	10.0	153033.2	-5128.3
8342	9.6	153034.2	-5152.1
8343	8.8	153034.7	-5124.9
8344	9.9	153036.2	-5104.4
8345	10.0	153036.2	-5108.8
8346	9.9	153037.2	-5136.7
8347	9.6	153039.2	-5138.3
8348	8.8	153040.7	-5132.9
8349	10.0	153044.2	-5107.5
8350	10.0	153046.7	-5138.0
8351	9.4	153047.2	-5120.9
8352	10.0	153048.0	-5132.0
8353	9.4	153050.2	-5139.6
8354	9.6	153051.2	-5129.0
8355	10.0	153053.7	-5144.6
8356	9.0	153054.7	-5134.5
8357	10.0	153055.2	-5142.0
8358	9.9	153059.2	-5132.1
8359	9.0	153102.0	-5101.2
8360	10.0	153103.2	-5105.5
8361	9.8	153103.2	-5141.3
8362	9.2	153105.7	-5145.3
8363	10.0	153105.7	-5151.1
8364	9.8	153107.7	-5122.5
8365	9.8	153111.7	-5135.7
8366	9.2	153116.7	-5126.0
8367	10.0	153124.7	-5124.8
8368	10.0	153125.7	-5123.3
8369	9.9	153126.7	-5133.3
8370	8.2	153126.7	-5149.3
8371	9.4	153127.2	-5159.2
8372	9.6	153133.7	-5100.5
8373	9.6	153135.2	-5111.5
8374	10.0	153139.7	-5127.5
8375	10.0	153139.7	-5101.1
8376	10.0	153141.7	-5145.8
8377	9.0	153141.7	-5103.7
8378	10.0	153144.2	-5143.6
8379	9.8	153148.2	-5131.6
8380	10.0	153151.7	-5108.8
8381	9.0	153155.7	-5125.5
8382	9.9	153202.2	-5117.9
8383	9.4	153202.7	-5127.6
8384	8.8	153208.7	-5119.7
8385	9.2	153208.7	-5109.0
8386	9.6	153212.2	-5121.3
8387	9.4	153221.7	-5153.7
8388	10.0	153225.7	-5124.1
8389	9.9	153227.7	-5153.1
8390	10.0	153230.7	-5156.3
8391	9.8	153231.2	-5157.7
8392	10.0	153231.7	-5124.6
8393	10.0	153232.7	-5100.7
8394	9.9	153234.2	-5100.2
8395	8.2	153234.7	-5103.9
8396	9.4	153239.2	-5111.2
8397	9.2	153239.7	-5138.3
8398	9.4	153239.7	-5145.0
8399	9.2	153240.7	-5150.0
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8401	9.0	153250.7	-5144.0
8402	9.9	153250.7	-5146.9
8403	9.9	153253.2	-5109.1
8404	9.0	153254.2	-5135.0
8405	9.6	153255.2	-5153.2
8406	10.0	153256.0	-5121.1
8407	9.9	153256.2	-5129.2
8408	9.4	153256.2	-5151.9
8409	9.4	153259.7	-5142.1
8410	10.0	153300.7	-5104.8
8411	10.0	153301.2	-5155.6
8412	8.8	153303.2	-5124.6
8413	9.6	153304.0	-5117.0
8414	9.6	153305.7	-5132.1
8415	9.6	153305.7	-5152.8
8416	9.6	153305.7	-5105.6
8417	10.0	153308.2	-5141.8
8418	9.8	153309.2	-5142.7
8419	9.9	153314.2	-5141.2
8420	9.6	153319.7	-5116.1
8421	9.2	153320.7	-5116.7
8422	9.6	153324.7	-5101.0
8423	8.8	153324.7	-5104.1
8424	10.0	153327.2	-5145.9
8425	8.8	153327.7	-5157.3
8426	8.4	153329.2	-5140.8
8427	9.6	153330.7	-5156.5
8428	10.0	153331.7	-5106.9
8429	10.0	153331.7	-5131.5
8430	9.9	153333.2	-5133.5
8431	9.0	153335.2	-5112.4
8432	10.0	153337.7	-5129.9
8433	9.6	153341.0	-5129.1
8434	9.9	153343.2	-5136.3
8435	10.0	153344.2	-5150.1
8436	9.4	153346.7	-5100.9
8437	9.2	153348.2	-5128.6
8438	9.2	153353.2	-5113.2
8439	10.0	153354.2	-5159.4
8440	10.0	153400.7	-5141.2
8441	9.6	153400.7	-5114.9
8442	10.0	153402.0	-5105.1
8443	8.4	153402.7	-5100.8
8444	9.4	153403.7	-5119.4
8445	10.0	153403.7	-5114.2
8446	9.0	153407.7	-5133.1
8447	8.8	153410.7	-5133.7
8448	8.2	153413.2	-5126.4
8449	9.6	153417.2	-5133.8
8450	10.0	153419.7	-5142.9
8451	9.9	153420.7	-5108.4
8452	9.8	153421.2	-5143.3
8453	7.6	153422.7	-5113.6
8454	10.0	153422.7	-5104.2
8455	9.9	153424.7	-5101.9
8456	10.0	153425.0	-5113.1
8457	10.0	153425.0	-5137.3
8458	10.0	153428.2	-5131.4
8459	9.8	153429.2	-5153.7
8460	10.0	153430.0	-5104.3
8461	8.6	153430.7	-5135.4
8462	9.6	153437.7	-5107.4
8463	9.0	153440.7	-5121.7
8464	9.8	153442.2	-5107.6
8465	9.9	153442.7	-5130.5
8466	10.0	153443.7	-5102.0
8467	7.8	153446.7	-5130.2
8468	9.2	153447.2	-5152.8
8469	9.8	153447.2	-5102.8
8470	10.0	153448.2	-5116.6
8471	9.6	153448.2	-5104.3
8472	10.0	153448.3	-5159.0
8473	9.6	153449.7	-5128.8
8474	10.0	153450.7	-5103.3
8475	9.6	153451.7	-5113.9
8476	9.4	153454.7	-5104.8

-51 8477 15h34m

-51 8836 15h51m

8477 10.0 153454.7 -5103.0	8567 8.2 153818.6 -5122.4	8657 9.8 154205.6 -5145.1	8747 10.2 154710.5 -5141.6
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8505 9.2 153546.2 -5126.4	8595 10.0 153933.6 -5137.2	8685 10.0 154321.1 -5102.0	8775 10.2 154826.5 -5114.0
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8507 8.4 153548.2 -5148.4	8597 9.2 153940.6 -5138.1	8687 10.0 154330.6 -5131.5	8777 10.0 154854.5 -5118.9
8508 9.4 153552.7 -5135.8	8598 9.2 153942.6 -5121.2	8688 10.0 154332.1 -5140.4	8778 10.2 154855.5 -5154.8
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8511 9.0 153603.2 -5128.8	8601 9.6 153949.6 -5111.6	8691 9.6 154343.1 -5135.9	8781 9.8 154900.5 -5111.3
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8514 10.0 153607.0 -5123.2	8604 10.0 153951.6 -5126.5	8694 9.8 154346.6 -5157.1	8784 10.2 154906.5 -5101.8
8515 9.8 153607.2 -5135.7	8605 8.0 153951.6 -5149.7	8695 10.0 154350.1 -5144.1	8785 9.4 154909.0 -5156.0
8516 10.0 153607.2 -5105.2	8606 9.8 153953.1 -5157.6	8696 9.6 154350.1 -5143.7	8786 9.5 154910.5 -5119.8
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8518 9.6 153609.7 -5142.6	8608 10.0 153958.6 -5154.2	8698 9.9 154355.6 -5116.8	8788 9.8 154912.0 -5125.7
8519 10.0 153613.2 -5104.9	8609 9.8 154000.1 -5139.6	8699 9.9 154357.3 -5102.5	8789 9.6 154912.5 -5123.8
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8521 9.9 153615.7 -5133.0	8611 10.0 154010.6 -5136.4	8701 8.6 154404.6 -5148.3	8791 10.2 154917.0 -5134.7
8522 9.6 153624.2 -5139.9	8612 9.6 154010.6 -5145.5	8702 9.2 154405.6 -5140.2	8792 9.6 154920.0 -5102.6
8523 9.6 153627.7 -5131.0	8613 9.8 154011.6 -5117.0	8703 10.0 154418.0 -5154.8	8793 10.0 154922.5 -5110.3
8524 10.0 153629.7 -5131.6	8614 9.4 154014.1 -5154.2	8704 9.2 154429.1 -5133.3	8794 9.8 154924.0 -5127.2
8525 9.6 153630.7 -5149.8	8615 10.0 154019.6 -5137.1	8705 9.6 154430.6 -5120.5	8795 10.2 154929.0 -5102.1
8526 9.6 153633.2 -5104.8	8616 9.6 154025.6 -5117.4	8706 7.4 154435.3 -5129.0	8796 10.0 154930.5 -5130.2
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-51 9197 16h08m

9197 10.2 160806.0 -5150.7	9287 10.2 161017.0 -5156.5	9377 10.2 161222.4 -5122.6	9467 9.6 161444.4 -5139.4
9198 10.0 160809.5 -5109.2	9288 10.0 161018.5 -5153.2	9378 10.2 161222.8 -5132.4	9468 9.8 161450.9 -5134.7
9199 9.8 160810.0 -5114.8	9289 9.8 161018.5 -5101.9	9379 8.8 161223.3 -5153.9	9469 9.6 161453.1 -5114.3
9200 9.8 160812.5 -5111.8	9290 9.8 161022.5 -5156.9	9380 10.2 161224.3 -5146.7	9470 10.0 161453.9 -5138.6
9201 9.4 160812.5 -5115.8	9291 9.8 161023.0 -5132.0	9381 9.4 161225.3 -5112.6	9471 10.0 161453.9 -5139.2
9202 9.6 160815.0 -5121.3	9292 9.8 161023.5 -5155.0	9382 9.8 161225.3 -5127.7	9472 9.8 161454.9 -5153.2
9203 9.6 160815.5 -5142.6	9293 10.0 161026.5 -5130.6	9383 9.6 161225.8 -5159.5	9473 9.8 161456.9 -5159.1
9204 9.8 160819.5 -5123.1	9294 9.4 161029.5 -5109.2	9384 9.6 161226.8 -5111.0	9474 9.8 161458.4 -5124.7
9205 9.0 160819.5 -5135.2	9295 10.2 161030.6 -5149.3	9385 9.8 161229.8 -5118.0	9475 10.0 161458.9 -5138.8
9206 9.6 160820.0 -5136.0	9296 10.2 161032.0 -5138.9	9386 9.4 161230.1 -5101.8	9476 8.8 161459.9 -5127.9
9207 9.6 160825.5 -5119.9	9297 10.2 161034.9 -5101.6	9387 9.8 161230.8 -5126.3	9477 9.6 161509.2 -5153.0
9208 10.0 160825.5 -5111.8	9298 10.2 161035.6 -5123.2	9388 9.6 161231.8 -5115.4	9478 10.0 161512.9 -5132.9
9209 9.4 160829.5 -5150.6	9299 10.0 161038.5 -5106.4	9389 10.0 161233.3 -5148.6	9479 9.8 161513.1 -5151.3
9210 9.8 160831.5 -5120.2	9300 8.8 161041.0 -5131.8	9390 9.6 161235.3 -5105.7	9480 9.2 161513.4 -5134.8
9211 10.2 160831.5 -5128.6	9301 8.8 161041.5 -5119.4	9391 10.0 161240.8 -5113.1	9481 9.2 161513.4 -5154.5
9212 10.2 160833.0 -5112.9	9302 9.4 161044.0 -5150.2	9392 9.8 161241.8 -5140.2	9482 9.4 161514.0 -5149.3
9213 10.2 160833.5 -5124.2	9303 9.0 161045.0 -5149.7	9393 9.2 161244.8 -5135.8	9483 9.2 161515.0 -5147.5
9214 10.2 160834.0 -5113.1	9304 10.2 161045.5 -5145.8	9394 9.2 161245.3 -5120.8	9484 9.2 161516.3 -5101.0
9215 9.6 160834.5 -5116.9	9305 9.1 161048.5 -5110.6	9395 9.6 161246.6 -5127.6	9485 10.0 161516.9 -5117.7
9216 10.0 160836.2 -5100.2	9306 9.6 161051.7 -5159.6	9396 9.8 161247.1 -5133.9	9486 10.0 161517.4 -5126.2
9217 9.6 160837.0 -5137.8	9307 10.2 161053.0 -5130.2	9397 9.8 161247.1 -5114.5	9487 10.0 161521.1 -5147.0
9218 10.2 160839.5 -5110.4	9308 10.2 161055.6 -5141.7	9398 9.4 161248.1 -5138.6	9488 10.0 161522.1 -5141.9
9219 9.6 160839.5 -5139.5	9309 9.8 161057.5 -5158.1	9399 10.0 161249.1 -5128.8	9489 10.0 161523.1 -5119.6
9220 10.0 160841.0 -5146.7	9310 10.0 161057.5 -5109.9	9400 9.0 161255.1 -5132.9	9490 9.0 161523.6 -5154.0
9221 10.0 160841.5 -5136.1	9311 9.0 161057.8 -5100.2	9401 10.0 161303.1 -5130.2	9491 9.0 161525.1 -5108.1
9222 9.6 160842.5 -5111.9	9312 9.6 161059.5 -5150.4	9402 10.2 161305.6 -5144.0	9492 10.0 161527.1 -5144.4
9223 9.2 160845.0 -5143.4	9313 9.4 161059.5 -5150.8	9403 9.6 161307.8 -5159.0	9493 9.4 161528.4 -5152.4
9224 8.8 160845.0 -5153.1	9314 10.2 161100.5 -5151.5	9404 9.6 161312.1 -5144.9	9494 10.0 161529.6 -5146.7
9225 9.0 160845.5 -5114.8	9315 10.0 161101.0 -5158.7	9405 9.8 161312.6 -5103.2	9495 9.8 161532.1 -5120.4
9226 9.6 160846.0 -5114.4	9316 9.8 161101.0 -5109.1	9406 10.2 161312.6 -5114.5	9496 9.0 161534.6 -5152.4
9227 10.0 160846.0 -5147.0	9317 8.8 161104.5 -5111.2	9407 9.8 161314.1 -5149.7	9497 10.0 161539.6 -5131.8
9228 10.2 160846.5 -5120.6	9318 9.6 161105.3 -5158.6	9408 10.2 161320.1 -5132.7	9498 9.2 161541.6 -5145.0
9229 10.0 160850.5 -5128.2	9319 10.0 161105.5 -5145.3	9409 9.2 161326.6 -5120.9	9499 10.0 161543.1 -5123.4
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9231 10.0 160851.0 -5148.1	9321 10.0 161109.0 -5155.9	9411 10.2 161329.6 -5137.4	9501 10.0 161545.1 -5145.5
9232 9.2 160852.5 -5107.7	9322 8.8 161112.0 -5116.8	9412 8.8 161329.6 -5142.0	9502 9.8 161546.1 -5114.6
9233 9.2 160853.5 -5120.4	9323 10.2 161112.0 -5104.8	9413 9.4 161330.1 -5158.2	9503 8.8 161546.7 -5156.6
9234 10.2 160855.0 -5150.6	9324 9.6 161115.5 -5105.0	9414 9.4 161338.1 -5144.5	9504 9.8 161548.6 -5154.9
9235 9.8 160857.5 -5134.4	9325 9.8 161118.5 -5143.7	9415 9.4 161339.6 -5144.0	9505 10.0 161550.1 -5134.9
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9237 8.6 160900.5 -5107.3	9327 10.2 161121.0 -5151.2	9417 8.0 161346.1 -5154.4	9507 10.0 161557.1 -5158.1
9238 10.0 160901.5 -5126.5	9328 10.0 161121.0 -5127.2	9418 9.8 161346.6 -5152.4	9508 10.0 161600.1 -5155.2
9239 8.8 160902.5 -5114.4	9329 9.8 161121.5 -5156.4	9419 9.4 161346.6 -5118.1	9509 10.0 161606.1 -5120.8
9240 10.2 160902.5 -5134.8	9330 9.2 161123.5 -5141.8	9420 9.4 161347.1 -5138.7	9510 10.0 161608.6 -5157.8
9241 9.8 160905.0 -5105.9	9331 9.8 161125.3 -5101.7	9421 9.0 161347.6 -5115.6	9511 8.8 161609.1 -5128.6
9242 9.6 160908.0 -5128.4	9332 10.0 161126.0 -5128.1	9422 9.6 161348.1 -5132.1	9512 9.2 161619.6 -5130.9
9243 9.6 160908.5 -5124.9	9333 9.6 161126.5 -5154.4	9423 9.6 161348.1 -5157.2	9513 10.0 161620.1 -5139.5
9244 10.2 160910.5 -5100.4	9334 9.8 161127.0 -5126.4	9424 9.8 161348.1 -5119.8	9514 9.4 161621.6 -5152.7
9245 9.2 160910.5 -5107.6	9335 9.6 161129.0 -5136.8	9425 8.6 161349.0 -5112.1	9515 9.2 161623.6 -5128.9
9246 9.6 160913.0 -5109.3	9336 10.0 161130.5 -5156.4	9426 8.8 161349.0 -5141.9	9516 9.0 161627.6 -5134.0
9247 9.6 160914.0 -5141.8	9337 9.8 161131.1 -5156.8	9427 10.0 161351.5 -5103.6	9517 9.4 161632.1 -5102.9
9248 9.4 160920.5 -5138.4	9338 9.0 161132.5 -5104.8	9428 10.0 161351.5 -5135.0	9518 9.6 161633.1 -5136.1
9249 10.2 160921.5 -5111.6	9339 9.8 161132.5 -5119.6	9429 10.2 161352.5 -5140.3	9519 8.6 161635.1 -5139.5
9250 10.2 160921.5 -5110.2	9340 10.2 161133.0 -5102.4	9430 9.8 161355.5 -5140.3	9520 9.8 161637.6 -5123.0
9251 10.0 160923.0 -5156.5	9341 9.6 161133.0 -5153.6	9431 9.6 161355.5 -5142.1	9521 9.6 161638.1 -5148.6
9252 9.6 160923.5 -5105.9	9342 9.4 161133.0 -5151.2	9432 9.6 161355.5 -5155.9	9522 10.0 161638.6 -5151.7
9253 10.2 160927.0 -5104.2	9343 9.6 161140.0 -5114.2	9433 7.8 161355.8 -5157.3	9523 10.0 161639.6 -5122.7
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9255 9.8 160932.0 -5133.0	9345 10.2 161143.0 -5126.0	9435 9.6 161356.5 -5123.9	9525 9.4 161642.1 -5141.1
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9257 10.0 160934.0 -5110.8	9347 9.8 161146.5 -5146.1	9437 10.2 161359.5 -5131.4	9527 10.0 161651.6 -5127.0
9258 10.2 160935.5 -5105.0	9348 10.0 161151.0 -5125.6	9438 10.0 161359.5 -5131.0	9528 9.4 161656.1 -5137.7
9259 10.2 160938.0 -5103.6	9349 10.0 161151.5 -5131.4	9439 10.2 161359.5 -5133.7	9529 9.4 161700.1 -5147.5
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9261 10.2 160943.0 -5119.1	9351 9.6 161156.0 -5148.2	9441 10.0 161400.5 -5141.1	9531 9.4 161702.6 -5148.0
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9264 9.8 160949.5 -5127.7	9354 10.0 161156.5 -5100.1	9444 9.8 161402.0 -5148.8	9534 9.4 161712.1 -5118.5
9265 10.0 160949.5 -5141.6	9355 9.2 161159.5 -5130.1	9445 10.2 161402.5 -5111.8	9535 9.8 161712.1 -5135.9
9266 9.4 160950.5 -5140.7	9356 9.8 161200.0 -5144.9	9446 10.0 161403.5 -5111.4	9536 10.0 161713.1 -5141.1
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9269 9.8 160951.5 -5115.6	9359 9.8 161204.6 -5159.4	9449 8.8 161412.0 -5150.7	9539 8.8 161725.1 -5131.2
9270 9.8 160952.5 -5104.4	9360 10.2 161205.3 -5153.0	9450 9.6 161413.5 -5135.7	9540 10.0 161725.6 -5145.6
9271 9.2 160954.5 -5131.1	9361 9.8 161207.0 -5157.1	9451 9.8 161415.0 -5126.1	9541 9.4 161726.6 -5130.0
9272 10.0 160954.5 -5108.0	9362 10.2 161208.3 -5149.6	9452 9.6 161416.5 -5133.4	9542 8.2 161729.1 -5129.4
9273 9.6 160956.0 -5132.8	9363 10.0 161208.3 -5121.6	9453 9.6 161422.5 -5146.9	9543 10.0 161733.6 -5108.1
9274 10.2 160958.0 -5130.3	9364 9.2 161209.8 -5114.4	9454 9.0 161424.6 -5159.6	9544 10.0 161738.6 -5140.0
9275 10.2 161000.5 -5123.2	9365 9.6 161211.8 -5102.3	9455 9.8 161426.5 -5128.6	9545 10.0 161739.6 -5143.6
9276 9.6 161000.5 -5157.1	9366 10.2 161211.8 -5145.6	9456 8.6 161429.5 -5142.0	9546 10.0 161745.0 -5139.7
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9278 9.6 161001.0 -5109.6	9368 9.8 161215.8 -5118.2	9458 9.6 161430.0 -5150.3	9548 10.0 161749.1 -5111.0
9279 10.0 161009.0 -5131.3	9369 9.6 161216.3 -5118.7	9459 9.8 161431.8 -5153.0	9549 9.4 161749.8 -5157.0
9280 9.8 161009.5 -5150.6	9370 10.0 161216.3 -5147.5	9460 10.0 161432.5 -5158.6	9550 8.8 161750.1 -5127.6
9281 10.0 161009.5 -5130.7	9371 9.8 161216.3 -5155.8	9461 10.2 161436.9 -5133.1	9551 10.0 161752.6 -5123.0
9282 8.8 161010.0 -5152.1	9372 9.6 161218.3 -5114.1	9462 9.8 161437.6 -5102.5	9552 10.0 161756.1 -5152.2
9283 9.7 161010.5 -5108.5	9373 9.4 161218.5 -5157.5	9463 9.8 161438.5 -5142.5	9553 10.0 161758.1 -5149.2
9284 9.7 161011.0 -5143.0	9374 9.2 161218.8 -5141.5	9464 9.8 161439.2 -5143.9	9554 10.0 161805.1 -5128.0
9285 10.0 161011.0 -5105.1	9375 9.6 161220.3 -5123.0	9465 9.6 161439.2 -5157.7	9555 10.0 161805.6 -5145.5
9286 10.2 161015.5 -5120.7	9376 10.0 161221.3 -5132.6	9466 10.0 161441.9 -5129.6	9556 9.6 161807.6 -5112.7

-51 9556 16h18m

-51 9557 16h18m

-51 9916 16h36m

9557	9.2	161808.1	-5155.1	9647	9.8	162240.5	-5146.6	9737	9.8	162731.5	-5105.7
9558	9.6	161809.6	-5106.1	9648	10.0	162242.0	-5118.8	9738	9.4	162738.0	-5129.0
9559	10.0	161812.1	-5114.6	9649	10.0	162252.5	-5147.8	9739	9.6	162740.0	-5110.9
9560	9.8	161815.1	-5126.7	9650	10.0	162312.5	-5148.3	9740	10.0	162743.0	-5143.5
9561	9.6	161818.1	-5123.3	9651	9.2	162316.0	-5117.3	9741	10.0	162744.5	-5107.7
9562	10.0	161823.6	-5102.2	9652	10.0	162316.5	-5128.2	9742	10.0	162745.5	-5109.5
9563	9.8	161829.6	-5110.3	9653	9.5	162318.0	-5104.4	9743	10.0	162746.5	-5114.9
9564	10.0	161830.6	-5111.8	9654	9.0	162325.5	-5143.1	9744	8.5	162746.5	-5156.5
9565	10.0	161831.0	-5113.2	9655	10.0	162328.5	-5101.7	9745	9.6	162748.5	-5111.5
9566	10.0	161831.1	-5114.8	9656	10.0	162329.0	-5117.8	9746	10.0	162750.5	-5147.5
9567	10.0	161833.1	-5157.5	9657	9.8	162332.0	-5149.6	9747	9.3	162811.5	-5158.4
9568	9.8	161834.1	-5112.5	9658	9.3	162332.0	-5113.8	9748	9.8	162813.5	-5153.8
9569	9.8	161835.1	-5150.9	9659	8.6	162334.0	-5110.9	9749	10.0	162813.5	-5153.4
9570	10.0	161835.1	-5114.0	9660	8.4	162340.5	-5104.0	9750	9.8	162815.0	-5117.2
9571	8.8	161835.1	-5104.6	9661	10.0	162350.0	-5114.0	9751	10.0	162817.0	-5124.1
9572	10.0	161839.6	-5110.7	9662	9.0	162352.0	-5114.9	9752	9.4	162818.0	-5108.5
9573	10.0	161845.1	-5150.5	9663	10.0	162352.5	-5120.0	9753	9.8	162819.5	-5120.4
9574	9.4	161849.6	-5137.5	9664	9.1	162353.5	-5117.1	9754	10.0	162820.5	-5148.1
9575	10.0	161853.6	-5147.6	9665	10.0	162356.5	-5133.5	9755	9.6	162822.5	-5154.6
9576	9.4	161855.1	-5114.4	9666	9.6	162359.5	-5151.9	9756	8.8	162823.5	-5116.8
9577	9.4	161907.1	-5114.8	9667	9.6	162400.5	-5122.0	9757	10.0	162824.5	-5122.4
9578	9.0	161911.6	-5141.1	9668	9.8	162402.5	-5127.9	9758	10.0	162826.5	-5112.0
9579	10.0	161916.1	-5120.3	9669	9.6	162410.5	-5127.4	9759	10.0	162827.5	-5111.5
9580	10.0	161916.6	-5112.4	9670	9.8	162412.0	-5125.2	9760	9.4	162828.5	-5105.0
9581	10.0	161920.1	-5157.1	9671	10.0	162414.0	-5145.1	9761	9.8	162830.0	-5143.0
9582	10.0	161926.1	-5144.2	9672	8.8	162415.5	-5156.6	9762	9.8	162831.0	-5109.1
9583	9.6	161927.6	-5129.0	9673	10.0	162415.5	-5102.9	9763	9.0	162832.5	-5112.3
9584	9.4	161930.1	-5148.9	9674	9.4	162417.0	-5113.5	9764	8.8	162833.0	-5137.9
9585	9.6	161930.6	-5129.0	9675	10.0	162417.5	-5118.6	9765	10.0	162838.7	-5158.9
9586	9.4	161930.6	-5109.5	9676	9.8	162418.4	-5156.1	9766	10.0	162840.5	-5127.2
9587	9.6	161932.1	-5106.1	9677	10.0	162420.0	-5123.7	9767	10.0	162845.5	-5100.6
9588	9.8	161936.6	-5123.6	9678	9.6	162420.5	-5156.5	9768	9.0	162849.0	-5135.2
9589	9.8	161937.6	-5118.8	9679	9.0	162422.4	-5128.2	9769	9.6	162851.5	-5106.8
9590	9.8	161941.6	-5106.9	9680	8.9	162424.5	-5121.8	9770	9.8	162852.5	-5124.2
9591	8.6	161942.6	-5115.7	9681	9.5	162424.5	-5129.2	9771	10.0	162854.5	-5105.3
9592	8.8	161943.6	-5103.5	9682	9.8	162426.0	-5156.0	9772	9.6	162855.5	-5132.1
9593	10.0	161944.6	-5131.3	9683	10.0	162433.3	-5157.3	9773	10.0	162857.0	-5145.3
9594	10.0	161946.6	-5114.6	9684	8.4	162434.5	-5114.8	9774	9.2	162859.5	-5104.7
9595	7.8	161947.1	-5117.1	9685	10.0	162435.1	-5157.8	9775	10.0	162900.0	-5156.9
9596	10.0	161948.1	-5143.9	9686	9.3	162440.5	-5126.5	9776	9.4	162902.0	-5133.5
9597	10.0	161950.0	-5106.0	9687	9.6	162444.5	-5136.7	9777	9.2	162903.0	-5120.7
9598	9.0	161954.1	-5126.1	9688	9.4	162450.0	-5113.7	9778	9.0	162903.5	-5116.1
9599	9.6	161954.4	-5134.3	9689	9.6	162451.5	-5159.1	9779	9.8	162905.9	-5131.3
9600	10.0	161955.1	-5139.3	9690	9.8	162459.0	-5156.0	9780	10.0	162906.9	-5127.0
9601	10.0	161959.6	-5154.8	9691	9.8	162501.0	-5115.0	9781	10.0	162909.9	-5134.5
9602	9.4	161959.6	-5152.4	9692	9.8	162501.5	-5156.7	9782	10.0	162925.4	-5133.5
9603	9.2	162000.1	-5145.2	9693	10.0	162504.0	-5158.7	9783	10.0	162929.7	-5117.1
9604	9.8	162000.6	-5133.2	9694	9.6	162508.0	-5147.2	9784	9.0	162930.4	-5148.6
9605	8.6	162016.8	-5100.0	9695	10.0	162508.0	-5142.8	9785	9.6	162931.4	-5150.8
9606	10.0	162020.0	-5131.5	9696	10.0	162508.4	-5159.3	9786	10.0	162931.7	-5122.4
9607	9.4	162024.6	-5108.4	9697	10.0	162511.0	-5114.6	9787	10.0	162932.4	-5132.3
9608	9.4	162027.1	-5113.7	9698	9.6	162515.5	-5144.3	9788	9.4	162933.4	-5109.5
9609	9.0	162033.1	-5141.7	9699	9.6	162527.0	-5142.6	9789	9.6	162938.9	-5111.1
9610	9.2	162034.1	-5153.7	9700	10.0	162529.5	-5111.1	9790	9.2	162943.6	-5159.7
9611	10.0	162034.1	-5104.4	9701	9.8	162530.5	-5134.9	9791	8.6	162944.9	-5139.6
9612	10.0	162039.8	-5157.5	9702	9.6	162532.5	-5116.3	9792	8.4	162945.4	-5134.3
9613	10.0	162040.1	-5151.1	9703	8.4	162540.2	-5159.2	9793	10.0	162949.4	-5149.9
9614	9.6	162043.1	-5114.6	9704	9.5	162542.5	-5120.0	9794	10.0	162950.4	-5151.6
9615	9.6	162044.1	-5114.3	9705	9.6	162550.0	-5131.7	9795	10.0	162952.4	-5113.3
9616	9.4	162048.1	-5126.4	9706	9.8	162550.5	-5149.8	9796	10.0	162956.2	-5159.5
9617	9.0	162048.1	-5108.6	9707	10.0	162600.0	-5152.4	9797	9.5	163001.4	-5125.1
9618	9.8	162054.1	-5147.2	9708	9.8	162601.5	-5124.7	9798	9.8	163001.9	-5113.5
9619	9.4	162107.5	-5132.9	9709	10.0	162602.5	-5124.4	9799	8.6	163001.9	-5116.6
9620	10.0	162107.5	-5144.0	9710	10.0	162613.0	-5140.9	9800	8.6	163002.9	-5157.1
9621	9.8	162109.5	-5147.1	9711	10.0	162630.0	-5132.9	9801	8.5	163003.4	-5144.4
9622	10.0	162112.0	-5115.8	9712	9.8	162635.0	-5142.5	9802	9.0	163003.4	-5144.7
9623	9.6	162112.0	-5152.7	9713	9.6	162638.2	-5158.5	9803	9.8	163003.4	-5159.9
9624	9.4	162115.5	-5101.9	9714	8.4	162638.5	-5148.0	9804	8.6	163007.4	-5152.2
9625	9.8	162116.0	-5132.7	9715	9.5	162640.0	-5104.0	9805	9.8	163011.9	-5153.3
9626	9.0	162121.8	-5157.8	9716	10.0	162645.4	-5125.7	9806	10.0	163013.4	-5148.8
9627	9.5	162122.0	-5138.1	9717	9.6	162647.5	-5134.4	9807	9.6	163018.9	-5151.0
9628	9.3	162123.0	-5115.5	9718	10.0	162651.0	-5107.3	9808	9.3	163019.9	-5111.3
9629	9.6	162123.0	-5135.3	9719	10.0	162651.5	-5127.6	9809	9.1	163042.9	-5132.9
9630	8.3	162131.0	-5123.1	9720	9.6	162653.0	-5157.5	9810	9.8	163046.1	-5158.5
9631	9.8	162131.0	-5151.5	9721	9.6	162654.0	-5142.2	9811	10.0	163047.9	-5151.7
9632	9.0	162135.0	-5137.7	9722	9.0	162658.0	-5142.7	9812	9.8	163054.9	-5134.5
9633	9.5	162139.5	-5134.8	9723	10.0	162658.0	-5121.3	9813	9.8	163055.9	-5102.0
9634	9.6	162141.0	-5137.6	9724	9.8	162703.0	-5103.0	9814	9.8	163059.4	-5154.7
9635	9.5	162147.5	-5127.2	9725	10.0	162703.7	-5159.3	9815	7.6	163104.9	-5113.8
9636	9.2	162148.5	-5155.2	9726	10.0	162705.5	-5153.3	9816	9.8	163107.9	-5130.9
9637	9.8	162150.0	-5140.6	9727	9.2	162710.0	-5157.7	9817	9.8	163110.4	-5140.0
9638	9.8	162151.5	-5145.8	9728	9.8	162710.0	-5132.1	9818	10.0	163117.4	-5139.7
9639	9.8	162159.5	-5148.5	9729	8.4	162710.5	-5141.7	9819	9.0	163120.4	-5132.4
9640	8.9	162202.5	-5133.2	9730	9.8	162712.0	-5155.9	9820	9.8	163126.4	-5130.4
9641	9.0	162205.0	-5110.2	9731	9.8	162714.0	-5135.1	9821	9.8	163127.9	-5138.3
9642	10.0	162212.5	-5137.6	9732	10.0	162715.5	-5152.9	9822	9.6	163131.7	-5131.2
9643	9.5	162221.0	-5132.9	9733	9.8	162719.5	-5102.5	9823	10.0	163134.4	-5134.1
9644	10.0	162230.5	-5112.4	9734	10.0	162721.4	-5106.9	9824	7.9	163139.4	-5108.9
9645	9.6	162232.5	-5101.7	9735	10.0	162729.5	-5134.3	9825	9.6	163139.9	-5107.1
9646	10.0	162240.0	-5104.6	9736	10.0	162731.5	-5132.5	9826	10.0	163140.7	-5102.1
9827	9.6	163142.4	-5153.3								
9828	10.0	163145.9	-5103.1								
9829	9.4	163148.9	-5154.1								
9830	10.0	163150.4	-5125.7								
9831	10.0	163155.4	-5148.6								
9832	10.0	163159.7	-5156.5								
9833	9.1	163159.9	-5128.2								
9834	10.0	163204.4	-5149.3								
9835	10.0	163208.4	-5158.0								
9836	9.4	163208.7	-5141.4								
9837	9.5	163209.9	-5128.1								
9838	10.0	163209.9	-5138.8								
9839	9.8	163212.4	-5159.1								
9840	10.0	163213.9	-5119.9								
9841	9.6	163215.9	-5135.9								
9842	10.0	163220.4	-5145.7								
9843	9.8	163222.7	-5159.2								
9844	9.8	163233.4	-5133.7								
9845	10.0	163236.9	-5150.5								
9846	10.0	163238.9	-5109.3								
9847	9.6	163239.9	-5119.6								
9848	10.0	163240.4	-5108.6								
9849	9.0	163240.4	-5119.2								
9850	10.0	163240.4	-5133.7								
9851	8.8	163255.9	-5142.1								
9852	9.1	163258.4	-5150.5								
9853	9.8	163305.4	-5149.8								
9854	10.0	163307.2	-5159.5								
9855	9.6	163315.4	-5119.0								
9856	10.0	163318.9	-5114.3								
9857	9.5	163319.9	-5111.1								
9858	9.4	163333.9	-5131.3								
9859	9.6	163334.9	-5151.4								
9860	10.0	163341.9	-5152.5								
9861	9.8	163342.4	-5143.1								
9862	10.0	163343.4	-5142.8								
9863	10.0	163344.9	-5141.5								
9864	10.0	163345.4	-5119.9								
9865	9.3	163352.9	-5150.1								
9866	9.6	163357.9	-5148.9								
9867	8.4	163358.9	-5147.3								
9868	9.4	163403.9	-5146.3								
9869	10.0	163410.4	-5116.7								
9870	10.0	163418.4	-5116.3								
9871	9.8	163422.4	-5127.8								
9872	10.0	163426.9	-5159.8								
9873	10.0	163428.4	-5118.4								
9874	9.8	163432.4	-5128.3								
9875	9.4	163435.4	-5143.3								
9876	9.6	163435.9	-5136.1								
9877	8.9	163451.4	-5145.9								
9878	10.0	163504.4	-5121.2								
9879	9.6	163510.9	-5109.1								
9880	9.8	163515.4	-5107.1								
9881	10.0	163516.4	-5115.1								
9882	10.0	163519.4	-5106.1								
9883	10.0	163522.4	-5140.1								
9884	9.6	163526.9	-5123.1								
9885	10.0	163527.4	-5148.1								
9886	9.6	163528.4	-5108.5								
9887	9.2	163530.4	-5155.5								
9888	9.8	163530.9	-5141.1								
9889	9.8	163533.9	-5139.1								
9890	9.6	163535.9	-5138.7								
9891	9.6	163539.9	-5154.9								
9892	9.4	163542.9	-5157.8								
9893	9.8	163543.9	-5112.3								
9894	9.6	163545.4	-5137.8								
9895	9.0	163548.9	-5152.1								
9896	9.8	163549.9	-5144.0								
9897	9.5	163555.4	-5117.8								
9898	10.0	163600.9	-5143.8								
9899	10.0	163601.9	-5109.3								
9900	10.0	163604.9	-5128.5								
9901	10.0	163605.4	-5104.1								
9902	10.0	163611.9	-5118.9								
9903	9.6	163614.9	-5102.5								
9904	9.4	163618.9	-5125.3								
9905	9.0	163620.4	-5153.7								
9906	10.0	163620.4	-5150.1								
9907	9.4	163628.9	-5154.3								
9908	8.4	163630.4	-5159.1								
9909	9.2	163630.4	-5153.3								
9910	10.0	163634.4	-5118.2								
9911	10.0	163645.4	-5142.9								
9912	10.0	163646.4	-5112.3								
9913	9.6	163647.9	-5122.2								
9914	10.0	163650.9	-5125.1								
9915	9.2	163651.9	-5128.7								
9916	10.0	163656.4	-5130.6								

9917	10.0	163701.9	-5123.6	10007	9.8	164226.2	-5146.3	10097	10.0	165011.8	-5131.6	10187	10.0	170003.1	-5155.4
9918	9.8	163709.9	-5113.5	10008	9.4	164240.7	-5150.5	10098	9.5	165014.3	-5124.1	10188	10.0	170003.6	-5116.1
9919	9.6	163710.4	-5141.3	10009	10.0	164240.9	-5115.5	10099	9.5	165017.8	-5154.0	10189	9.0	170004.6	-5153.9
9920	9.8	163710.9	-5138.3	10010	10.0	164241.7	-5124.1	10100	9.6	165018.8	-5120.8	10190	8.2	170024.1	-5142.4
9921	10.0	163711.9	-5129.0	10011	10.0	164242.2	-5106.5	10101	9.1	165022.3	-5148.0	10191	9.9	170034.6	-5155.0
9922	10.0	163713.4	-5100.6	10012	9.2	164250.2	-5115.4	10102	10.0	165038.8	-5156.3	10192	10.0	170039.6	-5126.6
9923	9.6	163725.9	-5104.3	10013	9.8	164250.2	-5114.1	10103	9.4	165040.3	-5147.9	10193	9.8	170049.6	-5147.2
9924	9.8	163729.4	-5123.1	10014	9.4	164300.7	-5140.4	10104	9.9	165041.3	-5147.0	10194	10.0	170102.6	-5142.6
9925	9.5	163730.4	-5132.0	10015	9.8	164302.2	-5123.4	10105	9.7	165041.8	-5153.0	10195	9.2	170110.1	-5153.3
9926	8.4	163730.4	-5121.0	10016	9.8	164302.2	-5134.4	10106	9.4	165048.8	-5103.4	10196	10.0	170110.1	-5117.0
9927	9.6	163741.4	-5127.3	10017	9.6	164308.2	-5152.5	10107	10.0	165055.8	-5149.8	10197	9.4	170113.8	-5157.1
9928	10.0	163744.4	-5127.8	10018	9.6	164311.2	-5145.6	10108	9.1	165056.3	-5127.5	10198	8.4	170120.6	-5146.3
9929	10.0	163748.4	-5131.4	10019	9.4	164312.7	-5105.3	10109	8.5	165106.3	-5125.1	10199	9.5	170123.6	-5103.7
9930	10.0	163750.4	-5141.9	10020	10.0	164317.2	-5155.9	10110	10.0	165120.3	-5136.3	10200	10.0	170141.6	-5123.0
9931	9.4	163756.9	-5103.9	10021	10.0	164317.7	-5141.7	10111	10.0	165137.3	-5155.1	10201	9.8	170143.6	-5140.3
9932	9.8	163804.4	-5148.7	10022	9.8	164319.2	-5146.6	10112	9.8	165140.8	-5155.8	10202	9.6	170147.6	-5118.1
9933	8.6	163807.9	-5132.3	10023	8.6	164325.7	-5130.0	10113	9.0	165141.8	-5153.2	10203	10.0	170149.1	-5140.3
9934	10.0	163813.4	-5126.2	10024	9.8	164333.2	-5117.7	10114	9.9	165146.8	-5153.6	10204	10.0	170151.6	-5124.5
9935	10.0	163817.4	-5103.5	10025	9.6	164333.7	-5107.8	10115	9.8	165153.3	-5148.8	10205	10.0	170151.6	-5152.6
9936	10.0	163835.6	-5100.9	10026	9.8	164340.7	-5143.1	10116	9.0	165159.3	-5119.4	10206	9.6	170214.6	-5103.3
9937	9.0	163842.4	-5104.3	10027	8.8	164346.7	-5158.3	10117	9.6	165201.8	-5114.3	10207	9.8	170216.6	-5108.1
9938	9.2	163848.9	-5124.2	10028	9.0	164348.7	-5153.1	10118	9.9	165215.3	-5109.8	10208	9.8	170220.1	-5156.4
9939	10.0	163851.9	-5108.3	10029	10.0	164350.2	-5131.9	10119	9.9	165216.1	-5157.0	10209	9.0	170237.6	-5142.5
9940	10.0	163853.9	-5140.9	10030	8.8	164350.7	-5107.4	10120	10.0	165218.8	-5115.5	10210	9.9	170240.6	-5143.5
9941	9.6	163859.7	-5158.4	10031	10.0	164351.2	-5144.9	10121	9.8	165220.6	-5101.3	10211	9.7	170256.1	-5118.5
9942	10.0	163900.4	-5127.8	10032	8.6	164351.7	-5103.5	10122	8.8	165229.3	-5130.5	10212	9.3	170257.1	-5133.7
9943	9.8	163905.7	-5159.1	10033	9.5	164352.7	-5147.5	10123	9.6	165245.3	-5138.8	10213	9.7	170302.1	-5146.7
9944	9.8	163910.4	-5100.4	10034	10.0	164402.2	-5147.8	10124	9.9	165259.8	-5142.1	10214	10.0	170311.1	-5103.9
9945	9.8	163912.4	-5120.1	10035	9.0	164402.7	-5151.9	10125	10.0	165320.8	-5157.2	10215	9.9	170311.1	-5133.2
9946	9.0	163914.2	-5104.9	10036	10.0	164406.7	-5117.3	10126	10.0	165322.8	-5102.9	10216	10.0	170322.6	-5128.0
9947	9.6	163918.2	-5102.8	10037	7.9	164415.7	-5119.2	10127	9.5	165325.3	-5115.6	10217	8.9	170323.1	-5138.9
9948	9.6	163918.2	-5119.0	10038	10.0	164423.0	-5138.4	10128	10.0	165328.3	-5159.0	10218	10.0	170327.6	-5128.6
9949	9.6	163920.2	-5131.6	10039	10.0	164426.2	-5122.9	10129	9.8	165331.3	-5132.0	10219	9.4	170329.1	-5148.8
9950	10.0	163920.2	-5133.7	10040	8.7	164433.0	-5140.7	10130	9.8	165333.8	-5158.3	10220	9.8	170329.6	-5110.0
9951	10.0	163921.0	-5150.5	10041	9.3	164434.5	-5118.0	10131	8.0	165342.3	-5101.1	10221	9.0	170330.5	-5140.6
9952	9.2	163928.7	-5138.7	10042	10.0	164435.7	-5150.3	10132	9.5	165351.9	-5100.8	10222	9.9	170333.6	-5125.2
9953	10.0	163928.7	-5139.6	10043	10.0	164441.3	-5130.5	10133	9.7	165400.3	-5129.1	10223	10.0	170337.5	-5148.1
9954	9.6	163932.2	-5112.1	10044	10.0	164444.8	-5113.2	10134	9.8	165403.8	-5129.8	10224	9.0	170338.1	-5143.3
9955	9.8	163938.2	-5130.4	10045	9.6	164449.2	-5153.6	10135	9.4	165409.3	-5125.0	10225	9.3	170339.6	-5128.7
9956	9.4	163952.7	-5158.1	10046	10.0	164450.7	-5142.3	10136	9.6	165411.3	-5128.3	10226	9.5	170341.6	-5127.9
9957	9.8	163955.2	-5151.7	10047	9.8	164453.0	-5145.4	10137	9.6	165423.8	-5120.1	10227	9.3	170344.1	-5106.6
9958	9.4	163955.7	-5130.9	10048	9.8	164455.7	-5144.6	10138	10.0	165428.3	-5109.7	10228	8.7	170345.6	-5143.7
9959	9.6	163956.7	-5120.5	10049	9.8	164507.2	-5142.7	10139	9.1	165429.3	-5140.7	10229	9.3	170400.6	-5107.4
9960	10.0	163959.7	-5107.4	10050	9.8	164509.2	-5159.0	10140	9.0	165439.1	-5159.3	10230	9.3	170402.6	-5114.7
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9964	9.8	164013.2	-5106.7	10054	10.0	164520.2	-5102.2	10144	8.6	165458.3	-5113.6	10234	9.6	170421.6	-5114.3
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9966	10.0	164014.2	-5146.7	10056	10.0	164548.8	-5114.2	10146	9.7	165508.3	-5109.3	10236	9.2	170424.6	-5155.4
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10366 9.8 171747.8 -5122.4	10456 8.6 172732.3 -5105.1	10546 9.6 173511.3 -5133.2	10636 9.8 174247.3 -5146.3

-5110636 17h42m

-5110637 17h42m

-5110996 18h35m

10637	10.2	174253.8	-5105.9	10727	10.2	175557.6	-5145.9	10817	8.8	181115.1	-5109.9
10638	9.8	174308.3	-5108.0	10728	10.0	175609.1	-5116.2	10818	9.8	181131.1	-5152.4
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10650	9.1	174344.8	-5130.9	10740	9.6	175726.7	-5122.3	10830	9.4	181254.6	-5132.5
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10654	9.8	174423.9	-5125.3	10744	9.0	175740.7	-5106.9	10834	9.0	181352.8	-5148.0
10655	10.2	174433.3	-5149.3	10745	9.2	175801.7	-5139.5	10835	9.2	181403.3	-5142.4
10656	10.2	174446.3	-5119.7	10746	9.4	175818.2	-5130.7	10836	10.2	181407.6	-5157.9
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10658	9.8	174455.3	-5102.0	10748	10.2	175840.2	-5156.5	10838	10.2	181421.8	-5118.4
10659	10.2	174456.8	-5104.9	10749	10.2	175841.2	-5153.8	10839	9.6	181430.3	-5140.8
10660	9.1	174504.3	-5107.1	10750	10.2	175909.9	-5114.5	10840	7.4	181431.8	-5153.4
10661	10.0	174519.3	-5105.7	10751	10.2	175911.9	-5114.2	10841	9.4	181432.6	-5158.4
10662	10.2	174519.9	-5121.3	10752	9.6	175917.4	-5108.5	10842	9.6	181436.8	-5104.8
10663	10.2	174523.5	-5111.9	10753	9.8	175918.4	-5156.9	10843	9.4	181444.8	-5116.8
10664	10.0	174535.0	-5121.2	10754	9.0	175931.9	-5105.0	10844	9.0	181452.8	-5108.7
10665	10.2	174539.6	-5143.3	10755	8.6	175936.9	-5111.0	10845	10.2	181456.6	-5157.9
10666	10.0	174541.5	-5149.7	10756	10.2	180000.9	-5133.3	10846	10.0	181505.1	-5101.3
10667	10.2	174546.0	-5104.3	10757	10.0	180003.4	-5110.9	10847	9.0	181509.9	-5143.7
10668	10.2	174548.0	-5123.5	10758	8.8	180006.4	-5138.9	10848	10.4	181534.1	-5141.1
10669	10.2	174550.3	-5159.3	10759	10.0	180012.4	-5111.8	10849	10.4	181550.1	-5150.9
10670	9.2	174553.5	-5132.3	10760	9.6	180048.4	-5100.3	10850	8.6	181600.1	-5108.3
10671	9.4	174558.5	-5112.1	10761	9.4	180139.9	-5119.7	10851	7.8	181604.6	-5127.1
10672	9.4	174607.5	-5111.5	10762	9.8	180143.4	-5135.9	10852	9.2	181633.1	-5124.0
10673	9.6	174620.0	-5137.1	10763	10.0	180154.4	-5148.3	10853	9.6	181639.6	-5111.3
10674	9.6	174620.5	-5124.3	10764	8.8	180159.4	-5148.7	10854	9.8	181644.6	-5112.5
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10676	9.6	174650.5	-5150.3	10766	10.0	180207.4	-5148.9	10856	9.8	181648.6	-5127.8
10677	10.2	174653.0	-5133.3	10767	8.8	180210.9	-5136.4	10857	10.2	181659.5	-5113.0
10678	10.2	174700.7	-5105.6	10768	10.2	180222.9	-5122.8	10858	8.6	181659.6	-5136.9
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10687	10.2	174919.2	-5112.6	10777	10.2	180342.6	-5153.5	10867	8.8	181756.2	-5116.8
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10691	10.0	174939.2	-5139.8	10781	10.2	180437.1	-5116.5	10871	8.6	181825.7	-5116.3
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10693	10.2	175000.4	-5140.9	10783	8.8	180455.6	-5149.3	10873	9.8	181854.7	-5126.4
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10716	10.2	175406.6	-5116.6	10806	9.8	180913.4	-5113.9	10896	10.4	182116.7	-5117.9
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10983	9.2	183344.5	-5144.8								
10984	10.0	183346.0	-5137.1								
10985	9.4	183422.0	-5132.8								
10986	9.8	183423.0	-5152.2								
10987	10.0	183432.0	-5130.0								
10988	10.0	183434.5	-5125.2								
10989	8.8	183457.0	-5135.7								
10990	8.6	183458.0	-5147.6								
10991	10.0	183500.0	-5132.8								
10992	8.4	183512.0	-5128.7								
10993	9.6	183514.5	-5140.0								
10994	9.4	183520.5	-5133.7								
10995	9.8	183528.5	-5132.6								
10996	9.4	183530.0	-5119.7								

-5110997 18h35m

-5111356 19h41m

10997	8.4	183539.0	-5159.5	11087	10.6	185137.1	-5141.1	11177	9.2	190651.0	-5136.8
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11000	8.4	183547.5	-5124.5	11090	10.6	185209.4	-5145.8	11180	9.4	190712.5	-5146.3
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11003	10.4	183606.8	-5144.3	11093	10.6	185225.1	-5151.2	11183	10.6	190731.0	-5130.5
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11005	9.4	183636.5	-5120.5	11095	9.2	185249.8	-5102.0	11185	10.6	190736.0	-5125.7
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11009	10.0	183721.3	-5156.7	11099	8.2	185320.1	-5156.9	11189	9.4	190807.0	-5105.2
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11013	9.8	183734.8	-5103.4	11103	10.4	185408.6	-5146.0	11193	10.4	190857.0	-5110.5
11014	10.4	183752.0	-5148.7	11104	6.8	185412.1	-5111.4	11194	10.6	190949.5	-5113.1
11015	10.2	183830.3	-5149.5	11105	10.6	185430.1	-5124.1	11195	6.6	190952.0	-5147.7
11016	10.0	183833.8	-5110.9	11106	9.0	185435.1	-5121.2	11196	9.0	191000.5	-5140.1
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11023	10.0	183935.8	-5138.7	11113	7.4	185650.9	-5136.2	11203	8.8	191115.5	-5116.6
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-5111716 21h34m

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3	8.8	00205.6	-5205.8	93	10.4	04122.2	-5208.8	183	10.0	12456.4	-5226.6
4	9.8	00232.6	-5227.4	94	10.3	04125.2	-5255.4	184	9.4	12501.9	-5250.1
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6	10.0	00329.6	-5258.8	96	10.4	04135.7	-5223.4	186	10.2	12559.9	-5207.7
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17	10.2	00828.9	-5244.0	107	10.2	04401.4	-5208.2	197	10.8	13053.9	-5250.0
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21	10.4	00947.4	-5203.4	111	10.4	04442.1	-5202.0	201	9.2	13222.4	-5204.6
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23	10.4	01055.9	-5256.3	113	10.2	04602.8	-5244.6	203	9.4	13309.4	-5206.6
24	8.8	01111.9	-5212.9	114	10.2	04609.4	-5259.1	204	10.6	13407.9	-5241.9
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31	10.4	01526.8	-5220.6	121	10.2	04855.3	-5241.3	211	10.4	13730.9	-5232.0
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73	10.3	03405.7	-5254.6	163	10.3	11406.9	-5218.9	253	10.1	15610.4	-5251.9
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322	9.1	23405.3	-5241.6								
323	10.0	23414.8	-5232.9								
324	9.2	23416.8	-5253.3								
325	9.9	23503.8	-5238.8								
326	9.1	23540.8	-5212.1								
327	9.9	23620.3	-5215.3								
328	7.9	23624.3	-5219.3								
329	10.0	23734.3	-5257.2								
330	8.8	23852.3	-5212.3								
331	9.2	24011.3	-5253.4								
332	9.2	24017.3	-5205.0								
333	9.2	24100.3	-5243.6								
334	10.0	24133.8	-5218.7								
335	9.2	24158.8	-5257.7								
336	10.0	24211.5	-5257.6								
337	9.9	24220.8	-5249.5								
338	10.0	24311.0	-5202.1								
339	8.7	24358.8	-5220.2								
340	10.0	24401.3	-5241.4								
341	8.2	24428.3	-5205.4								
342	9.9	24448.8	-5232.8								
343	8.4	24458.3	-5240.8								
344	9.7	24549.7	-5234.4								
345	9.9	24636.6	-5225.3								
346	7.6	24941.1	-5201.1								
347	9.0	25056.1	-5227.6								
348	9.7	25229.6	-5247.5								
349	8.0	25457.1	-5235.7								
350	9.7	25501.6	-5205.6								
351	9.8	25526.6	-5257.2								
352	9.2	25601.6	-5236.9								
353	9.4	25614.6	-5235.0								
354	9.8	25623.1	-5251.8								
355	9.8	25902.1	-5204.5								
356	9.0	25958.6	-5244.2								
357	9.2	30041.1	-5231.8								
358	9.0	30150.1	-5238.5								
359	9.7	30157.1	-5236.9								
360	9.9	30230.6	-5202.6								
361	8.9	30306.3	-5231.5								

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362	9.8	30333.3	-5202.6
363	8.8	30354.8	-5252.9
364	9.8	30436.3	-5213.1
365	9.9	30447.2	-5228.2
366	9.0	30508.3	-5229.6
367	9.0	30508.9	-5258.9
368	9.6	30514.8	-5236.5
369	9.9	30530.8	-5249.6
370	8.9	30653.8	-5230.9
371	8.6	30821.3	-5225.6
372	9.9	30827.8	-5201.8
373	9.9	30901.8	-5232.7
374	9.2	31030.8	-5206.3
375	9.0	31058.8	-5236.1
376	9.4	31123.3	-5212.0
377	9.6	31207.8	-5253.6
378	9.8	31223.0	-5252.3
379	9.0	31237.8	-5246.9
380	9.8	31317.0	-5214.5
381	9.0	31347.0	-5223.2
382	9.8	31434.3	-5253.1
383	9.8	31509.9	-5258.8
384	9.4	31525.8	-5212.3
385	9.9	31536.8	-5227.3
386	9.4	31549.7	-5211.2
387	9.4	31550.2	-5224.6
388	8.3	31632.7	-5228.7
389	9.7	31644.7	-5254.4
390	9.2	31716.2	-5259.5
391	9.2	31718.7	-5249.8
392	9.2	31758.7	-5243.6
393	8.6	31921.4	-5200.1
394	8.3	31924.4	-5220.2
395	9.6	32008.4	-5204.1
396	9.6	32009.4	-5219.4
397	9.4	32019.4	-5220.5
398	9.6	32126.4	-5211.0
399	8.1	32150.4	-5249.3
400	9.6	32201.9	-5229.9
401	9.4	32232.4	-5215.3
402	9.6	32334.9	-5251.3
403	9.3	32344.9	-5228.5
404	8.6	32347.4	-5213.8
405	9.6	32413.9	-5203.3
406	9.2	32444.4	-5246.1
407	9.0	32448.9	-5211.3
408	9.3	32456.9	-5247.6
409	9.2	32542.9	-5249.5
410	9.7	32555.6	-5246.9
411	9.4	32610.9	-5245.5
412	9.6	32642.9	-5255.1
413	9.6	32739.9	-5212.1
414	9.7	32829.9	-5223.7
415	7.6	32830.4	-5253.7
416	8.7	32907.4	-5212.8
417	9.4	33008.4	-5247.8
418	8.7	33029.9	-5213.5
419	8.8	33058.4	-5232.4
420	9.7	33102.4	-5247.2
421	7.1	33210.4	-5258.2
422	9.7	33227.4	-5254.9
423	8.6	33312.9	-5225.5
424	9.6	33404.4	-5209.1
425	9.2	33407.9	-5212.4
426	9.0	33431.2	-5200.1
427	9.0	33529.9	-5230.8
428	8.9	33536.9	-5226.5
429	9.0	33538.2	-5200.6
430	9.4	33553.9	-5237.5
431	9.7	33601.5	-5228.2
432	8.1	33624.4	-5205.5
433	9.0	33630.9	-5206.0
434	9.7	33631.9	-5226.8
435	8.8	33811.4	-5248.2
436	9.6	33828.4	-5243.9
437	9.6	33833.5	-5209.2
438	8.7	33850.1	-5248.6
439	8.5	33902.1	-5202.2
440	9.4	33933.6	-5214.6
441	8.0	33947.1	-5238.6
442	8.8	34028.6	-5226.4
443	9.4	34053.1	-5229.6
444	8.6	34100.1	-5235.1
445	9.3	34102.1	-5208.1
446	8.2	34131.1	-5228.2
447	9.2	34155.1	-5229.8
448	9.6	34216.6	-5211.2
449	8.5	34220.1	-5244.2
450	9.0	34223.6	-5209.1
451	9.4	34236.1	-5229.9
452	9.9	34314.8	-5237.0
453	9.9	34512.1	-5244.3
454	9.0	34538.6	-5239.7
455	9.7	34547.6	-5212.1
456	8.2	34612.6	-5227.5
457	9.6	34705.6	-5259.2
458	9.0	34709.1	-5213.3
459	9.7	34827.3	-5259.0
460	9.9	34838.6	-5219.6
461	9.1	34902.6	-5232.1
462	9.9	34903.1	-5238.4
463	9.4	35127.1	-5204.1
464	9.6	35147.1	-5221.4
465	7.9	35218.2	-5209.8
466	7.7	35229.2	-5236.6
467	9.9	35253.7	-5200.0
468	9.7	35257.2	-5243.3
469	9.7	35343.2	-5254.8
470	9.4	35414.2	-5231.8
471	9.8	35426.2	-5249.8
472	9.2	35436.7	-5207.4
473	9.4	35444.2	-5225.4
474	9.2	35506.7	-5203.9
475	9.2	35520.7	-5243.8
476	9.9	35521.7	-5259.3
477	9.9	35523.1	-5253.2
478	9.6	35602.2	-5210.9
479	9.9	35618.7	-5225.0
480	9.3	35651.2	-5236.6
481	9.3	35657.2	-5206.4
482	9.9	35713.1	-5241.0
483	9.7	35713.7	-5223.6
484	9.9	35716.7	-5229.2
485	8.6	35721.7	-5231.2
486	9.8	35736.2	-5240.2
487	9.6	35751.2	-5240.2
488	9.1	35757.7	-5240.4
489	8.7	35802.2	-5222.0
490	9.2	35817.2	-5226.1
491	8.0	40014.2	-5250.9
492	8.2	40017.2	-5232.4
493	8.2	40021.2	-5216.1
494	9.3	40100.2	-5232.1
495	9.6	40147.7	-5230.1
496	9.9	40302.2	-5246.3
497	8.4	40416.2	-5253.8
498	9.7	40547.7	-5212.8
499	9.7	40547.7	-5213.0
500	8.7	40626.7	-5244.0
501	9.1	40644.2	-5237.2
502	8.7	40826.7	-5226.0
503	8.0	40846.7	-5244.7
504	9.8	40910.2	-5215.1
505	8.8	41003.2	-5213.2
506	9.4	41037.2	-5226.1
507	9.8	41131.2	-5211.9
508	9.0	41137.2	-5254.2
509	8.2	41207.9	-5228.6
510	8.8	41208.9	-5203.3
511	9.7	41306.4	-5238.0
512	9.1	41313.4	-5217.2
513	8.8	41428.2	-5247.4
514	9.9	41546.9	-5246.9
515	9.4	41636.1	-5223.8
516	9.4	41835.6	-5220.6
517	9.3	41839.1	-5206.7
518	9.9	41937.6	-5247.6
519	9.9	41946.1	-5202.5
520	9.6	42148.6	-5253.0
521	8.4	42216.1	-5213.1
522	9.2	42227.6	-5244.5
523	9.3	42309.6	-5245.1
524	9.3	42359.6	-5250.0
525	9.9	42438.6	-5234.4
526	9.6	42617.6	-5249.5
527	9.3	42859.6	-5241.7
528	9.1	42934.4	-5201.1
529	9.6	42940.8	-5201.7
530	9.3	43027.6	-5220.1
531	9.8	43052.6	-5206.7
532	9.7	43109.1	-5231.9
533	8.3	43127.6	-5238.7
534	8.4	43158.8	-5258.2
535	9.9	43205.5	-5240.8
536	9.0	43213.5	-5239.8
537	8.8	43301.5	-5204.3
538	9.7	43334.9	-5201.0
539	8.3	43355.5	-5205.5
540	9.9	43402.9	-5229.8
541	9.0	43404.5	-5230.1
542	9.0	43441.0	-5218.1
543	8.8	43442.5	-5249.2
544	9.7	43522.0	-5235.7
545	9.6	43538.0	-5204.6
546	9.2	43622.5	-5226.5
547	9.8	43629.5	-5242.1
548	9.3	43702.5	-5237.9
549	9.8	43716.5	-5246.5
550	9.7	43718.0	-5249.5
551	9.4	43727.5	-5207.7
552	8.6	43749.1	-5218.7
553	9.9	43802.3	-5209.4
554	9.2	43816.6	-5209.1
555	8.0	43821.6	-5251.4
556	9.4	43830.6	-5226.5
557	8.1	43842.1	-5233.0
558	9.7	43855.6	-5238.7
559	9.8	43917.8	-5200.6
560	8.5	43937.1	-5223.9
561	9.4	43938.1	-5215.0
562	9.8	43940.6	-5220.8
563	9.0	43948.1	-5213.2
564	8.0	44031.1	-5246.7
565	9.9	44032.9	-5202.2
566	7.2	44043.6	-5229.7
567	7.8	44119.6	-5251.6
568	9.9	44120.8	-5200.0
569	9.9	44123.6	-5232.8
570	9.1	44227.6	-5212.4
571	8.4	44305.1	-5207.8
572	9.9	44332.1	-5201.4
573	9.9	44337.1	-5228.0
574	8.8	44344.1	-5214.8
575	9.8	44353.1	-5251.7
576	9.7	44353.6	-5231.8
577	10.4	44414.4	-5211.8
578	9.4	44415.5	-5254.2
579	10.4	44452.0	-5251.9
580	9.6	44507.4	-5247.9
581	8.4	44533.9	-5251.2
582	10.2	44603.4	-5219.8
583	9.5	44627.9	-5235.1
584	9.0	44653.9	-5230.2
585	8.7	44711.4	-5237.8
586	9.6	44720.4	-5250.6
587	10.4	44727.4	-5234.6
588	10.4	44739.4	-5225.2
589	8.4	44747.4	-5250.4
590	9.5	44801.4	-5236.3
591	9.1	44823.4	-5208.6
592	10.0	44828.4	-5255.0
593	9.5	44832.6	-5251.6
594	10.4	44847.6	-5245.5
595	10.2	44853.6	-5202.8
596	10.4	44854.8	-5246.2
597	10.2	44913.6	-5225.7
598	9.6	44925.6	-5243.0
599	9.0	44949.6	-5226.1
600	10.4	44952.6	-5211.2
601	10.2	45014.1	-5210.3
602	10.4	45023.6	-5203.0
603	7.7	45040.6	-5231.9
604	9.4	45133.6	-5247.1
605	7.4	45139.1	-5243.3
606	9.5	45211.6	-5224.4
607	10.4	45232.6	-5239.0
608	10.4	45234.1	-5201.1
609	8.8	45240.6	-5210.7
610	9.6	45258.6	-5217.0
611	9.0	45310.6	-5244.6
612	10.4	45348.3	-5231.7
613	8.8	45432.3	-5220.2
614	10.0	45514.3	-5208.6
615	9.4	45514.3	-5206.1
616	10.0	45526.3	-5223.9
617	9.8	45558.3	-5255.9
618	9.6	45559.3	-5206.0
619	9.0	45559.8	-5226.3
620	10.0	45612.8	-5212.4
621	10.4	45622.3	-5237.3
622	8.6	45716.7	-5202.6
623	10.4	45716.8	-5238.6
624	9.6	45753.8	-5217.9
625	10.2	45804.3	-5213.1
626	10.4	45808.8	-5232.2
627	10.2	45810.3	-5224.5
628	9.6	45812.3	-5202.1
629	10.4	45819.3	-5257.4
630	10.4	45834.8	-5207.3
631	8.6	45837.8	-5214.0

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632	9.1	45902.8	-5237.6
633	9.8	45908.4	-5222.5
634	10.4	45928.3	-5236.0
635	10.4	45952.3	-5228.5
636	9.5	50032.3	-5249.8
637	8.6	50038.3	-5252.7
638	10.2	50039.8	-5232.5
639	10.4	50108.8	-5245.1
640	10.0	50121.3	-5235.1
641	10.0	50122.3	-5210.5
642	10.0	50130.8	-5242.1
643	9.6	50141.7	-5202.4
644	10.2	50146.8	-5211.6
645	10.4	50151.3	-5253.1
646	7.9	50157.3	-5220.9
647	10.4	50238.3	-5225.5
648	9.1	50307.3	-5231.5
649	8.8	50310.3	-5251.2
650	10.0	50310.9	-5256.0
651	9.2	50340.4	-5212.8
652	10.4	50346.9	-5232.8
653	9.6	50348.1	-5258.6
654	10.2	50400.4	-5249.0
655	8.8	50407.9	-5233.7
656	10.4	50410.9	-5206.7
657	10.0	50419.4	-5253.5
658	9.8	50446.9	-5234.8
659	10.4	50507.9	-5231.3
660	9.4	50523.9	-5247.0
661	9.6	50523.9	-5220.6
662	9.2	50553.9	-5225.1
663	10.2	50611.9	-5247.1
664	8.6	50612.9	-5205.6
665	8.6	50709.9	-5214.1
666	7.5	50711.9	-5248.3
667	10.2	50722.9	-5214.9
668	10.2	50732.9	-5239.0
669	8.8	50733.4	-5228.6
670	10.4	50810.9	-5216.8
671	9.6	50812.5	-5259.9
672	10.2	50839.9	-5209.4
673	10.2	50903.5	-5200.6
674	8.8	50939.9	-5212.0
675	10.2	50951.9	-5216.2
676	10.2	51036.9	-5218.6
677	6.8	51059.4	-5210.4
678	10.7	51127.4	-5209.6
679	9.6	51127.9	-5249.6
680	7.3	51227.4	-5248.3
681	9.6	51229.9	-5212.4
682	9.6	51231.9	-5246.1
683	7.0	51246.9	-5219.2
684	9.1	51249.9	-5211.9
685	10.2	51304.9	-5249.6
686	9.1	51307.7	-5227.6
687	10.4	51316.7	-5241.0
688	10.4	51332.2	-5251.9
689	10.0	51336.7	-5212.0
690	10.4	51348.7	-5218.9
691	7.7	51403.4	-5235.2
692	9.1	51418.7	-5202.3
693	10.2	51426.2	-5205.8
694	10.4	51434.7	-5216.0
695	9.0	51446.9	-5226.3
696	10.0	51456.7	-5209.9
697	9.4	51507.5	-5213.7
698	10.0	51519.5	-5239.5
699	9.4	51527.7	-5254.6
700	10.4	51542.1	-5212.1
701	10.4	51542.7	-5211.1
702	10.4	51611.2	-5214.2
703	9.4	51640.7	-5249.1
704	8.2	51651.2	-5209.8
705	9.2	51722.7	-5207.4
706	9.0	51822.2	-5256.3
707	8.9	51833.7	-5234.8
708	9.4	51901.5	-5251.9
709	9.7	51906.5	-5227.5
710	9.6	51912.5	-5252.8
711	10.0	51938.5	-5240.0
712	10.2	51950.0	-5239.8
713	10.2	52046.5	-5242.3
714	9.9	52117.5	-5231.0
715	10.2	52128.5	-5248.3
716	10.2	52141.2	-5259.9
717	7.2	52152.5	-5225.4
718	6.8	52156.5	-5225.5
719	8.2	52200.5	-5243.9
720	10.1	52204.0	-5244.6
721	10.2	52206.5	-5250.5

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722 8.0 52227.0 -5247.2	812 10.0 55432.5 -5227.9	902 7.7 61506.4 -5241.0	992 9.6 64140.9 -5255.8
723 10.1 52230.5 -5205.2	813 8.8 55502.0 -5238.7	903 10.0 61524.4 -5257.7	993 9.6 64152.1 -5259.6
724 9.9 52248.5 -5239.2	814 8.8 55513.0 -5212.9	904 9.8 61608.4 -5208.7	994 7.8 64155.4 -5217.6
725 9.6 52250.0 -5248.0	815 10.0 55518.0 -5205.9	905 9.2 61631.2 -5251.8	995 8.4 64213.4 -5214.0
726 10.2 52258.5 -5243.4	816 10.0 55553.0 -5209.0	906 9.8 61705.2 -5205.4	996 7.3 64231.9 -5204.2
727 10.0 52356.5 -5233.8	817 10.0 55557.5 -5224.5	907 9.4 61720.2 -5231.4	997 8.4 64238.9 -5221.6
728 10.0 52450.5 -5251.9	818 7.9 55557.5 -5247.9	908 7.9 61745.0 -5200.7	998 6.9 64301.9 -5216.6
729 10.2 52456.0 -5229.0	819 8.4 55600.5 -5239.7	909 8.1 61839.2 -5236.0	999 10.2 64310.9 -5211.0
730 10.2 52520.5 -5232.3	820 9.2 55609.3 -5238.7	910 10.0 61913.9 -5226.2	1000 9.8 64353.4 -5218.2
731 8.6 52558.4 -5202.7	821 10.0 55642.3 -5217.3	911 9.6 61951.9 -5225.4	1001 9.0 64401.0 -5256.7
732 8.8 52646.0 -5253.5	822 10.0 55712.8 -5232.0	912 10.1 62047.9 -5231.9	1002 10.2 64413.2 -5241.1
733 9.6 52657.0 -5208.8	823 9.6 55713.8 -5245.9	913 7.3 62048.4 -5206.9	1003 9.8 64450.2 -5240.4
734 10.2 52658.5 -5248.4	824 9.5 55721.3 -5210.9	914 1.3 62109.4 -5237.7	1004 8.5 64507.2 -5222.3
735 8.8 52730.5 -5232.1	825 10.0 55723.5 -5226.0	915 10.2 62145.9 -5250.2	1005 10.0 64517.1 -5212.9
736 9.0 52822.0 -5248.1	826 9.5 55724.5 -5228.2	916 9.2 62146.4 -5246.7	1006 10.2 64519.0 -5255.6
737 10.1 52903.0 -5255.0	827 9.4 55726.5 -5211.9	917 9.8 62148.4 -5212.3	1007 9.8 64548.5 -5207.3
738 9.8 52930.0 -5231.5	828 10.0 55810.7 -5243.7	918 10.0 62152.3 -5258.4	1008 9.0 64611.7 -5250.2
739 9.6 52932.5 -5208.9	829 9.2 55829.0 -5202.6	919 7.8 62202.4 -5244.1	1009 9.0 64612.7 -5253.9
740 10.2 52945.5 -5255.9	830 10.0 55840.3 -5218.4	920 9.6 62208.9 -5215.5	1010 10.2 64618.2 -5207.9
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742 10.2 53030.5 -5222.9	832 9.6 55906.5 -5259.3	922 8.8 62248.4 -5204.1	1012 8.6 64637.2 -5226.4
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744 7.7 53138.0 -5242.7	834 10.0 55931.7 -5200.0	924 10.2 62318.4 -5228.1	1014 7.1 64725.7 -5239.1
745 9.4 53229.5 -5249.1	835 10.0 55954.7 -5221.0	925 7.8 62320.4 -5234.7	1015 10.2 64746.2 -5247.9
746 8.9 53245.5 -5255.5	836 8.6 60002.7 -5210.4	926 8.9 62323.9 -5233.4	1016 9.2 64751.2 -5209.6
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751 9.8 53432.9 -5257.1	841 10.0 60105.5 -5249.4	931 9.2 62432.2 -5241.8	1021 9.4 64819.7 -5215.7
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753 10.2 53452.0 -5253.1	843 8.8 60119.0 -5213.0	933 9.8 62522.2 -5255.0	1023 9.6 64852.7 -5234.3
754 10.1 53510.5 -5239.9	844 8.4 60129.0 -5253.1	934 10.2 62540.2 -5253.2	1024 9.6 64909.2 -5247.1
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757 10.1 53611.5 -5228.4	847 9.3 60223.4 -5253.6	937 8.4 62733.7 -5247.2	1027 10.2 64946.8 -5206.2
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762 10.2 53735.5 -5238.6	852 8.2 60330.9 -5218.3	942 9.4 62922.2 -5203.0	1032 10.2 65150.7 -5217.8
763 9.0 53827.5 -5202.0	853 9.4 60333.9 -5217.6	943 10.2 63010.0 -5219.0	1033 10.0 65202.7 -5250.8
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766 10.0 53905.0 -5250.2	856 8.6 60408.1 -5251.9	946 8.8 63036.2 -5223.2	1036 9.4 65237.4 -5237.6
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770 10.2 54116.1 -5222.1	860 9.8 60450.6 -5232.1	950 9.5 63122.2 -5238.0	1040 9.6 65407.6 -5257.3
771 10.1 54152.0 -5201.0	861 9.6 60451.1 -5253.9	951 9.4 63122.7 -5213.1	1041 10.0 65421.9 -5238.1
772 7.9 54147.0 -5239.2	862 9.6 60517.9 -5202.3	952 9.6 63129.2 -5219.0	1042 7.6 65453.4 -5228.0
773 9.9 54153.0 -5253.6	863 10.0 60527.1 -5201.7	953 4.7 63212.7 -5252.4	1043 8.9 65521.9 -5255.1
774 10.2 54216.1 -5223.2	864 9.5 60530.6 -5231.0	954 9.4 63226.7 -5224.1	1044 10.2 65521.9 -5244.9
775 10.1 54232.0 -5210.4	865 10.0 60535.4 -5208.9	955 9.4 63240.7 -5237.2	1045 8.9 65537.4 -5255.9
776 8.5 54254.5 -5243.7	866 10.0 60543.9 -5226.6	956 8.4 63246.7 -5214.2	1046 10.2 65606.0 -5230.1
777 9.9 54308.5 -5212.6	867 8.2 60559.9 -5206.9	957 9.5 63248.2 -5225.9	1047 9.0 65609.9 -5249.8
778 8.3 54310.5 -5247.2	868 8.8 60607.4 -5231.5	958 9.8 63310.7 -5237.8	1048 9.6 65616.9 -5255.1
779 9.7 54314.0 -5245.8	869 10.0 60615.9 -5200.1	959 10.2 63347.2 -5232.8	1049 9.0 65630.4 -5224.4
780 10.1 54332.0 -5254.1	870 10.0 60649.9 -5246.0	960 7.5 63417.2 -5214.2	1050 8.9 65631.6 -5257.5
781 9.4 54340.5 -5222.1	871 8.7 60705.4 -5201.3	961 9.8 63503.2 -5209.3	1051 9.6 65635.4 -5252.6
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784 10.2 54418.5 -5248.4	874 8.8 60855.3 -5232.5	964 10.2 63521.3 -5225.8	1054 10.2 65716.4 -5232.0
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797 9.6 54830.8 -5237.3	887 9.6 61247.0 -5217.7	977 10.0 63700.4 -5208.4	1067 9.4 70031.4 -5215.5
798 9.8 54856.8 -5208.6	888 9.0 61253.5 -5236.0	978 9.8 63703.4 -5243.8	1068 9.4 70040.9 -5203.4
799 8.2 54934.8 -5204.9	889 10.0 61304.0 -5251.0	979 9.2 63801.4 -5218.8	1069 10.2 70041.9 -5240.5
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801 9.8 55031.9 -5251.7	891 9.0 61320.5 -5231.6	981 7.6 63831.4 -5234.5	1071 10.2 70145.4 -5214.8
802 10.0 55044.9 -5230.6	892 8.7 61327.3 -5222.1	982 10.0 63841.4 -5243.1	1072 9.0 70211.2 -5243.9
803 9.5 55116.4 -5230.2	893 10.0 61339.5 -5216.5	983 9.5 63845.4 -5217.3	1073 9.8 70219.2 -5226.4
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807 9.6 55300.4 -5249.0	897 9.8 61424.4 -5230.3	987 10.2 64049.4 -5252.7	1077 10.0 70322.7 -5250.3
808 9.8 55318.9 -5250.9	898 10.0 61431.4 -5208.9	988 10.0 64057.4 -5230.1	1078 9.4 70327.2 -5212.0
809 9.6 55336.9 -5256.6	899 10.0 61442.4 -5218.9	989 10.1 64106.4 -5245.1	1079 8.2 70341.2 -5224.8
810 10.0 55409.9 -5249.5	900 10.0 61453.9 -5248.2	990 8.9 64125.4 -5231.4	1080 10.0 70346.2 -5242.3
811 10.0 55427.0 -5246.9	901 9.2 61454.9 -5225.6	991 9.8 64134.4 -5244.2	1081 8.4 70400.2 -5216.9

-52 1081 7h04m

-52 1082 7h04m

1082	9.4	70410.2	-5229.9	1172	10.0	72231.2	-5255.1	1262	8.7	74027.8	-5237.2	1352	9.6	75553.4	-5258.5
1083	9.8	70421.2	-5216.2	1173	9.8	72303.3	-5212.8	1263	9.4	74031.8	-5212.6	1353	9.9	75553.7	-5215.4
1084	7.6	70429.9	-5200.6	1174	9.4	72322.3	-5217.9	1264	7.8	74033.8	-5232.4	1354	9.4	75605.7	-5221.5
1085	9.0	70449.7	-5204.3	1175	10.0	72330.3	-5225.0	1265	9.2	74034.3	-5230.5	1355	8.3	75607.7	-5212.1
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1087	10.2	70520.4	-5247.7	1177	9.4	72359.3	-5208.4	1267	8.8	74102.3	-5229.1	1357	8.8	75634.2	-5246.4
1088	9.4	70527.2	-5232.5	1178	8.2	72359.8	-5204.1	1268	10.0	74108.8	-5244.1	1358	9.7	75635.7	-5209.5
1089	8.6	70600.2	-5210.1	1179	9.6	72400.3	-5250.3	1269	9.0	74112.8	-5250.9	1359	9.4	75647.2	-5215.3
1090	8.8	70602.2	-5227.5	1180	9.8	72401.2	-5218.5	1270	9.8	74114.8	-5220.3	1360	10.0	75701.7	-5229.2
1091	10.2	70617.7	-5239.7	1181	8.6	72406.8	-5221.1	1271	10.0	74120.8	-5224.3	1361	10.0	75705.7	-5229.5
1092	8.6	70630.2	-5238.5	1182	10.0	72407.3	-5208.5	1272	10.0	74120.8	-5220.7	1362	9.6	75709.2	-5243.2
1093	10.2	70642.7	-5227.1	1183	10.0	72407.8	-5244.0	1273	7.8	74148.3	-5239.1	1363	8.8	75716.5	-5200.6
1094	9.8	70649.2	-5215.9	1184	9.4	72416.6	-5201.3	1274	10.0	74151.3	-5219.1	1364	9.4	75820.7	-5220.9
1095	9.8	70704.2	-5241.7	1185	10.0	72417.2	-5231.6	1275	9.2	74153.8	-5243.9	1365	8.8	75824.2	-5204.6
1096	9.0	70716.7	-5254.1	1186	10.0	72500.3	-5216.2	1276	9.8	74157.3	-5206.6	1366	8.9	75913.2	-5207.3
1097	9.0	70723.2	-5245.7	1187	9.3	72504.6	-5258.9	1277	10.0	74218.0	-5248.5	1367	9.8	75922.7	-5234.5
1098	10.2	70740.2	-5232.7	1188	10.0	72516.3	-5216.1	1278	7.0	74346.5	-5202.4	1368	8.3	75932.7	-5213.4
1099	9.8	70741.7	-5211.3	1189	9.8	72541.2	-5225.2	1279	9.4	74402.5	-5245.6	1369	9.0	75942.1	-5258.2
1100	10.2	70742.2	-5235.1	1190	8.4	72545.8	-5212.4	1280	10.0	74413.0	-5222.7	1370	10.0	75959.2	-5241.5
1101	10.2	70751.7	-5207.5	1191	10.0	72604.8	-5246.9	1281	9.8	74417.5	-5207.2	1371	10.0	80002.3	-5204.9
1102	9.2	70753.3	-5258.6	1192	8.4	72620.3	-5207.2	1282	9.8	74424.0	-5235.6	1372	9.4	80020.2	-5207.4
1103	10.2	70810.2	-5215.5	1193	10.0	72635.3	-5222.1	1283	8.8	74431.8	-5251.9	1373	9.7	80045.2	-5227.2
1104	9.4	70820.2	-5207.7	1194	9.4	72637.3	-5254.1	1284	9.6	74444.0	-5214.9	1374	9.6	80100.2	-5225.7
1105	10.2	70832.2	-5232.1	1195	9.6	72640.3	-5212.2	1285	9.6	74445.1	-5243.8	1375	9.4	80104.7	-5248.0
1106	10.2	70837.2	-5254.5	1196	10.0	72642.8	-5229.4	1286	8.9	74452.8	-5243.6	1376	7.6	80149.2	-5244.9
1107	9.4	70840.2	-5257.6	1197	10.0	72656.3	-5206.5	1287	9.0	74504.6	-5203.8	1377	9.9	80201.2	-5226.6
1108	10.2	70911.2	-5212.7	1198	7.0	72658.3	-5223.3	1288	10.0	74505.0	-5219.4	1378	10.0	80248.7	-5250.9
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1111	10.2	70937.0	-5218.6	1201	10.0	72722.8	-5212.2	1291	10.0	74529.6	-5238.8	1381	9.8	80345.2	-5253.4
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1114	10.0	70951.5	-5256.3	1204	9.8	72753.3	-5255.1	1294	9.9	74552.4	-5257.6	1384	8.6	80444.7	-5226.1
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1117	10.0	71052.0	-5252.1	1207	10.0	72819.8	-5231.7	1297	10.0	74611.1	-5239.4	1387	9.3	80529.7	-5249.9
1118	9.4	71054.0	-5248.0	1208	9.3	72821.3	-5225.7	1298	9.9	74611.2	-5230.8	1388	10.0	80535.7	-5203.6
1119	10.2	71055.3	-5200.8	1209	10.0	72829.3	-5217.7	1299	10.0	74637.2	-5208.1	1389	8.6	80538.7	-5230.9
1120	10.2	71115.0	-5240.8	1210	9.8	72926.4	-5207.6	1300	8.6	74638.7	-5220.0	1390	9.4	80540.2	-5238.0
1121	9.6	71138.0	-5223.1	1211	10.0	72929.4	-5203.8	1301	10.0	74645.1	-5244.6	1391	9.6	80541.2	-5205.1
1122	10.2	71159.0	-5244.9	1212	9.4	72931.4	-5225.0	1302	9.9	74650.7	-5222.6	1392	9.6	80549.7	-5219.0
1123	7.2	71223.0	-5216.8	1213	9.6	72940.4	-5255.3	1303	10.0	74653.2	-5210.2	1393	9.4	80605.2	-5226.3
1124	9.4	71230.5	-5235.1	1214	10.0	72956.7	-5258.9	1304	10.0	74724.7	-5245.0	1394	10.0	80608.7	-5230.1
1125	10.0	71247.0	-5258.6	1215	8.7	72958.4	-5210.0	1305	10.0	74741.2	-5248.9	1395	9.3	80610.1	-5200.5
1126	10.2	71256.5	-5203.2	1216	9.8	73000.8	-5201.0	1306	9.3	74757.2	-5219.1	1396	7.2	80610.7	-5212.3
1127	10.2	71309.5	-5220.7	1217	10.0	73024.4	-5254.0	1307	9.9	74800.7	-5237.8	1397	8.9	80627.7	-5252.9
1128	10.2	71325.5	-5254.1	1218	10.0	73042.9	-5222.0	1308	9.8	74805.2	-5249.6	1398	9.9	80658.2	-5214.9
1129	10.2	71328.5	-5244.9	1219	10.0	73101.9	-5247.6	1309	9.3	74843.1	-5202.0	1399	9.9	80709.2	-5242.5
1130	10.0	71330.0	-5253.8	1220	8.8	73102.9	-5226.0	1310	9.9	74858.7	-5209.0	1400	10.0	80714.2	-5210.1
1131	10.2	71332.5	-5200.1	1221	8.0	73106.7	-5259.5	1311	9.0	74925.7	-5239.8	1401	9.8	80716.2	-5229.1
1132	10.0	71341.0	-5249.1	1222	10.0	73117.4	-5220.9	1312	8.5	74925.2	-5208.0	1402	9.6	80716.2	-5228.5
1133	9.4	71436.7	-5249.6	1223	8.2	73127.9	-5242.0	1313	9.0	74939.7	-5244.7	1403	8.8	80719.2	-5231.8
1134	10.2	71444.3	-5222.0	1224	8.9	73136.9	-5232.0	1314	9.7	74941.5	-5249.7	1404	9.8	80730.7	-5224.7
1135	9.4	71452.5	-5235.1	1225	8.9	73146.4	-5252.2	1315	7.6	74942.0	-5238.8	1405	8.7	80733.7	-5224.7
1136	9.6	71455.2	-5210.1	1226	9.0	73159.4	-5253.9	1316	8.8	74945.5	-5241.3	1406	9.6	80742.9	-5200.9
1137	10.2	71506.7	-5237.1	1227	9.3	73159.4	-5212.8	1317	9.8	74945.5	-5250.3	1407	9.6	80754.2	-5232.3
1138	10.0	71509.0	-5249.0	1228	10.0	73159.4	-5206.6	1318	10.0	74952.0	-5251.6	1408	10.0	80755.2	-5221.7
1139	10.2	71520.5	-5212.3	1229	8.7	73206.4	-5226.8	1319	8.5	74955.0	-5221.0	1409	10.0	80756.7	-5252.7
1140	10.2	71528.0	-5217.8	1230	9.0	73222.4	-5219.4	1320	9.3	74955.0	-5218.4	1410	10.0	80841.2	-5257.3
1141	10.2	71532.5	-5258.1	1231	7.2	73233.9	-5215.2	1321	9.2	75000.5	-5226.7	1411	9.8	80908.4	-5258.0
1142	10.0	71541.6	-5226.6	1232	9.2	73248.4	-5217.2	1322	10.0	75004.0	-5217.0	1412	9.9	80959.7	-5244.5
1143	10.0	71548.0	-5259.8	1233	10.0	73248.4	-5201.2	1323	9.4	75008.5	-5241.2	1413	10.0	81028.1	-5256.9
1144	8.0	71559.5	-5218.4	1234	10.0	73249.4	-5204.4	1324	9.0	75009.0	-5219.7	1414	9.3	81030.4	-5200.1
1145	9.8	71607.0	-5238.2	1235	9.8	73304.9	-5254.6	1325	9.4	75017.5	-5230.5	1415	9.6	81052.7	-5234.3
1146	10.0	71619.0	-5201.9	1236	8.2	73356.9	-5205.0	1326	9.6	75021.5	-5255.0	1416	10.0	81058.7	-5247.1
1147	9.3	71638.0	-5237.5	1237	9.8	73509.9	-5252.8	1327	10.0	75027.5	-5239.8	1417	9.9	81100.2	-5251.5
1148	9.6	71650.5	-5233.8	1238	10.0	73516.9	-5203.2	1328	8.9	75028.0	-5246.0	1418	9.0	81109.2	-5225.3
1149	8.2	71652.5	-5219.8	1239	8.9	73531.4	-5215.1	1329	9.9	75035.0	-5227.8	1419	9.9	81130.1	-5200.9
1150	9.6	71656.5	-5222.4	1240	10.0	73534.2	-5209.2	1330	9.3	75050.0	-5201.6	1420	9.0	81130.2	-5222.9
1151	9.2	71701.5	-5227.5	1241	8.2	73556.4	-5240.5	1331	9.7	75055.0	-5219.1	1421	9.4	81139.7	-5214.9
1152	9.8	71718.0	-5246.1	1242	6.5	73559.4	-5259.3	1332	10.0	75140.0	-5236.6	1422	9.4	81201.2	-5211.1
1153	6.7	71720.0	-5204.8	1243	8.2	73642.4	-5244.3	1333	7.2	75148.0	-5215.2	1423	9.6	81212.2	-5217.5
1154	10.0	71811.5	-5210.9	1244	9.3	73644.9	-5219.0	1334	9.4	75152.0	-5228.9	1424	9.8	81220.2	-5210.9
1155	10.0	71822.0	-5219.2	1245	9.8	73[illegible]8.4	-5238.9	1335	7.2	75205.5	-5234.3	1425	7.0	81309.2	-5222.3
1156	10.0	71842.0	-5239.5	1246	9.8	73[illegible]8.4	-5217.4	1336	9.9	75207.5	-5205.1	1426	8.5	81310.2	-5219.1
1157	10.0	71846.5	-5242.3	1247	10.0	73748.4	-5250.3	1337	8.8	75231.0	-5246.9	1427	8.0	81317.7	-5249.7
1158	9.8	71858.0	-5252.9	1248	9.6	73808.6	-5200.9	1338	8.9	75236.5	-5224.7	1428	9.4	81317.7	-5205.0
1159	9.8	71907.0	-5246.1	1249	8.8	73811.9	-5202.1	1339	9.8	75240.5	-5204.7	1429	9.6	81318.2	-5217.6
1160	9.8	71910.5	-5250.2	1250	8.9	73816.9	-5202.6	1340	9.4	75259.5	-5205.4	1430	9.6	81321.2	-5242.1
1161	8.6	71919.0	-5256.5	1251	7.8	73826.9	-5254.1	1341	9.9	75300.0	-5237.7	1431	9.8	81328.2	-5252.2
1162	8.2	71949.0	-5216.5	1252	9.8	73828.3	-5240.9	1342	8.8	75314.0	-5207.5	1432	9.7	81339.7	-5235.5
1163	9.8	72025.2	-5232.8	1253	9.6	73832.3	-5225.5	1343	4.3	75335.5	-5238.9	1433	8.8	81359.3	-5244.1
1164	10.0	72029.7	-5258.7	1254	10.0	73834.3	-5229.5	1344	10.0	75441.5	-5250.3	1434	9.8	81507.2	-5237.1
1165	9.8	72029.8	-5223.3	1255	10.0	73855.3	-5207.5	1345	9.6	75450.0	-5216.0	1435	7.9	81509.2	-5218.9
1166	9.3	72146.1	-5200.1	1256	10.0	73907.8	-5214.7	1346	9.8	75454.5	-5254.9	1436	10.0	81527.5	-5254.7
1167	9.6	72147.3	-5253.6	1257	8.8	73909.3	-5228.2	1347	9.9	75507.5	-5233.1	1437	9.9	81527.9	-5239.2
1168	9.8	72148.8	-5216.3	1258	10.0	73933.6	-5201.1	1348	9.6	75528.3	-5259.6	1438	9.4	81540.1	-5209.7
1169	9.2	72200.3	-5239.2	1259	9.0	74014.8	-5212.7	1349	10.0	75537.5	-5241.9	1439	9.4	81621.1	-5218.7
1170	8.0	72210.8	-5252.1	1260	9.8	74022.8	-5203.1	1350	9.2	75539.7	-5200.8	1440	9.3	81700.1	-5241.0
1171	10.0	72229.3	-5241.5	1261	9.8	74027.3	-5232.9	1351	10.0	75546.5	-5217.7	1441	9.4	81725.1	-5204.7

-52 1441 8h17m

-52 1442 8h17m

-52 1801 8h53m

1442 9.7 81728.1 -5233.9	1532 7.1 83039.5 -5238.5	1622 8.0 83928.6 -5237.6	1712 9.0 84733.0 -5221.5
1443 10.2 81731.6 -5240.9	1533 10.0 83043.0 -5254.7	1623 10.1 83930.1 -5222.8	1713 9.6 84737.0 -5259.0
1444 7.4 81743.6 -5211.3	1534 10.1 83047.6 -5202.0	1624 9.1 83936.1 -5240.3	1714 10.0 84737.5 -5243.7
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1457 9.2 82024.3 -5208.7	1547 10.2 83301.2 -5208.6	1637 10.1 84152.6 -5203.0	1727 9.8 84823.5 -5211.1
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1476 9.3 82310.3 -5245.6	1566 9.2 83520.7 -5209.5	1656 9.7 84250.8 -5228.8	1746 9.4 84949.0 -5245.1
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1485 10.0 82410.8 -5218.5	1575 9.6 83550.0 -5235.1	1665 9.0 84320.8 -5231.7	1755 9.1 85032.5 -5254.7
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1487 9.4 82414.3 -5207.9	1577 9.4 83605.0 -5243.6	1667 10.0 84340.3 -5232.6	1757 10.0 85037.1 -5208.8
1488 9.3 82430.8 -5200.1	1578 8.8 83609.5 -5231.2	1668 9.4 84342.8 -5235.8	1758 9.0 85038.0 -5251.8
1489 9.6 82440.3 -5245.3	1579 5.6 83624.0 -5236.7	1669 10.0 84342.8 -5209.7	1759 9.6 85040.0 -5208.1
1490 8.9 82442.3 -5220.7	1580 8.6 83625.5 -5215.6	1670 9.4 84349.3 -5251.4	1760 9.1 85051.0 -5231.1
1491 10.2 82455.3 -5242.9	1581 7.4 83627.5 -5249.1	1671 9.6 84349.8 -5225.9	1761 10.0 85051.5 -5225.8
1492 10.2 82457.3 -5229.4	1582 10.2 83635.5 -5210.4	1672 9.2 84350.8 -5202.0	1762 9.6 85051.5 -5226.2
1493 9.2 82501.8 -5229.8	1583 4.1 83642.0 -5228.5	1673 10.0 84400.8 -5224.4	1763 9.4 85054.0 -5246.1
1494 9.4 82504.5 -5212.1	1584 6.4 83643.5 -5234.4	1674 10.2 84419.8 -5256.2	1764 10.0 85054.5 -5237.0
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1511 8.7 82735.5 -5215.7	1601 7.5 83834.5 -5231.1	1691 9.8 84551.5 -5247.1	1781 10.0 85211.5 -5207.5
1512 9.6 82737.5 -5216.9	1602 9.0 83838.0 -5239.2	1692 9.0 84553.0 -5200.8	1782 9.6 85213.0 -5228.0
1513 9.6 82738.5 -5230.9	1603 7.5 83839.5 -5255.4	1693 10.0 84556.0 -5248.1	1783 10.0 85215.5 -5209.4
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1519 10.1 82850.5 -5208.0	1609 9.4 83857.0 -5234.8	1699 9.4 84627.0 -5238.7	1789 10.0 85239.5 -5220.0
1520 8.5 82912.0 -5258.9	1610 9.6 83859.0 -5201.9	1700 10.0 84628.5 -5233.7	1790 9.5 85240.0 -5226.1
1521 9.9 82912.5 -5207.8	1611 10.2 83900.2 -5259.0	1701 9.8 84636.5 -5222.7	1791 9.8 85243.5 -5252.3
1522 8.6 82919.5 -5207.2	1612 10.2 83908.0 -5223.8	1702 9.6 84644.0 -5232.4	1792 9.8 85244.0 -5232.4
1523 10.0 82928.0 -5251.7	1613 10.2 83908.0 -5206.9	1703 10.0 84645.0 -5202.5	1793 10.0 85245.5 -5229.9
1524 10.1 82935.5 -5240.4	1614 9.4 83910.5 -5234.0	1704 10.0 84648.0 -5203.9	1794 9.2 85248.5 -5225.7
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1531 8.9 83005.5 -5255.1	1621 10.2 83928.5 -5256.5	1711 10.0 84730.0 -5223.0	1801 9.5 85301.0 -5220.0

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1802 10.0 85301.5 -5247.0	1892 10.0 85959.2 -5245.4	1982 10.0 90510.7 -5228.0	2072 9.6 90911.7 -5251.9
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1805 10.0 85317.0 -5217.4	1895 9.5 90012.2 -5256.1	1985 9.6 90519.2 -5236.5	2075 10.0 90918.5 -5236.1
1806 7.8 85325.5 -5213.2	1896 9.6 90013.7 -5212.8	1986 9.0 90522.7 -5229.6	2076 10.0 90919.9 -5201.3
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1809 9.4 85331.5 -5212.6	1899 9.8 90023.2 -5238.2	1989 9.4 90524.7 -5206.3	2079 9.6 90926.2 -5244.4
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1815 9.6 85410.5 -5208.9	1905 10.0 90040.2 -5241.6	1995 10.0 90547.2 -5208.6	2085 10.0 90935.2 -5228.0
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1818 9.1 85423.2 -5221.9	1908 9.0 90050.7 -5234.8	1998 9.8 90554.7 -5221.7	2088 9.2 90939.4 -5202.1
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1823 10.0 85452.7 -5224.5	1913 9.5 90105.2 -5243.6	2003 9.8 90610.9 -5256.9	2093 10.0 90950.2 -5253.2
1824 10.0 85454.7 -5236.1	1914 8.4 90105.2 -5235.6	2004 10.0 90612.2 -5251.2	2094 9.4 90950.4 -5200.8
1825 10.0 85503.2 -5234.4	1915 9.8 90107.2 -5207.7	2005 9.6 90613.2 -5238.2	2095 9.5 90954.2 -5239.8
1826 10.0 85504.7 -5222.5	1916 8.4 90124.7 -5242.8	2006 9.6 90613.7 -5207.9	2096 9.8 90955.2 -5250.0
1827 9.4 85513.7 -5202.1	1917 9.8 90130.2 -5203.0	2007 9.8 90614.2 -5205.8	2097 9.6 90956.3 -5218.3
1828 9.4 85515.2 -5225.9	1918 9.8 90134.2 -5251.7	2008 8.6 90615.2 -5208.4	2098 9.5 91000.2 -5256.1
1829 8.6 85518.2 -5251.5	1919 10.0 90135.2 -5215.9	2009 10.0 90629.2 -5220.8	2099 9.6 91001.7 -5232.0
1830 9.8 85522.7 -5232.5	1920 10.0 90143.7 -5208.2	2010 8.7 90632.2 -5206.8	2100 9.8 91016.2 -5254.2
1831 9.8 85526.7 -5232.9	1921 10.0 90145.2 -5209.2	2011 9.0 90632.2 -5238.1	2101 9.8 91020.7 -5207.6
1832 9.8 85534.7 -5244.9	1922 9.8 90145.2 -5229.7	2012 10.0 90639.2 -5224.2	2102 10.0 91021.2 -5259.4
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1835 9.1 85544.7 -5219.3	1925 9.8 90205.9 -5202.2	2015 9.8 90646.2 -5232.7	2105 9.4 91022.7 -5229.2
1836 10.0 85551.2 -5244.8	1926 9.6 90207.2 -5227.2	2016 10.0 90646.7 -5225.9	2106 9.4 91023.9 -5258.2
1837 10.0 85556.7 -5232.9	1927 10.0 90211.2 -5254.4	2017 8.0 90647.7 -5232.0	2107 9.5 91028.7 -5221.0
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1842 9.1 85612.7 -5241.9	1932 8.2 90239.2 -5245.8	2022 10.0 90701.7 -5226.1	2112 10.0 91035.2 -5204.6
1843 9.8 85613.7 -5246.6	1933 8.8 90241.7 -5232.0	2023 9.5 90707.2 -5229.1	2113 10.0 91040.2 -5244.8
1844 9.1 85615.2 -5212.1	1934 9.4 90244.2 -5232.6	2024 9.3 90708.7 -5227.0	2114 9.6 91040.4 -5257.4
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1846 9.4 85630.2 -5241.7	1936 9.5 90246.2 -5251.6	2026 9.5 90710.2 -5251.6	2116 8.9 91045.2 -5245.3
1847 9.5 85630.2 -5212.9	1937 8.5 90249.4 -5201.8	2027 9.8 90711.2 -5208.0	2117 9.4 91050.2 -5223.4
1848 9.4 85651.2 -5251.7	1938 9.6 90255.2 -5246.8	2028 9.1 90712.2 -5212.3	2118 10.0 91050.7 -5205.6
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1850 9.6 85704.4 -5200.9	1940 10.0 90256.2 -5211.0	2030 10.0 90720.2 -5212.7	2120 9.0 91051.7 -5210.2
1851 9.4 85705.2 -5220.7	1941 10.0 90301.7 -5215.6	2031 10.0 90725.7 -5225.1	2121 9.4 91052.2 -5207.5
1852 9.8 85711.2 -5206.2	1942 10.0 90305.2 -5250.1	2032 9.8 90730.7 -5230.3	2122 10.0 91053.7 -5202.2
1853 9.6 85738.2 -5212.8	1943 10.0 90305.7 -5246.0	2033 9.8 90734.2 -5226.6	2123 9.4 91104.7 -5227.4
1854 10.0 85738.7 -5254.0	1944 10.0 90306.2 -5229.2	2034 10.0 90734.7 -5228.7	2124 10.0 91108.7 -5221.8
1855 9.8 85739.1 -5223.6	1945 9.5 90307.2 -5226.1	2035 10.0 90740.2 -5220.1	2125 9.6 91110.7 -5226.4
1856 9.4 85740.7 -5204.4	1946 9.4 90309.2 -5212.5	2036 10.0 90742.2 -5237.4	2126 8.0 91111.7 -5247.9
1857 10.0 85741.2 -5235.0	1947 10.0 90310.7 -5231.0	2037 9.6 90742.2 -5218.4	2127 10.0 91111.7 -5221.2
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1859 10.0 85748.2 -5220.0	1949 9.8 90317.2 -5229.7	2039 9.5 90745.2 -5240.1	2129 9.8 91116.2 -5218.2
1860 9.4 85751.7 -5222.4	1950 10.0 90319.7 -5258.2	2040 10.0 90748.2 -5209.9	2130 9.3 91117.9 -5259.3
1861 9.4 85802.7 -5246.9	1951 9.6 90323.7 -5214.4	2041 9.6 90748.7 -5230.6	2131 9.4 91118.7 -5245.2
1862 8.2 85803.2 -5224.7	1952 10.0 90324.7 -5252.6	2042 10.0 90750.2 -5243.2	2132 9.6 91121.2 -5252.8
1863 10.0 85803.7 -5229.6	1953 9.8 90325.2 -5228.3	2043 9.8 90750.2 -5252.5	2133 9.4 91121.2 -5214.2
1864 9.8 85804.7 -5201.6	1954 9.8 90328.7 -5221.7	2044 10.0 90754.2 -5209.7	2134 9.8 91122.2 -5234.8
1865 9.5 85824.7 -5251.0	1955 9.6 90332.7 -5254.2	2045 9.8 90758.2 -5212.0	2135 9.8 91129.2 -5237.7
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1868 10.0 85837.2 -5242.8	1958 9.6 90358.7 -5243.7	2048 9.8 90814.7 -5238.1	2138 9.6 91131.7 -5216.4
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1873 9.3 85845.2 -5221.8	1963 9.8 90418.2 -5249.6	2053 10.0 90824.2 -5242.5	2143 9.6 91139.2 -5211.6
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1877 10.0 85910.2 -5241.7	1967 9.8 90430.2 -5227.0	2057 9.2 90837.7 -5258.8	2147 9.8 91148.2 -5252.6
1878 10.0 85913.2 -5227.3	1968 8.8 90431.2 -5204.4	2058 9.8 90840.2 -5225.2	2148 9.8 91148.4 -5201.4
1879 9.6 85913.2 -5252.3	1969 10.0 90432.2 -5252.4	2059 9.4 90844.2 -5241.0	2149 9.0 91150.2 -5257.7
1880 10.0 85915.2 -5250.7	1970 9.8 90435.7 -5225.6	2060 9.8 90845.2 -5209.2	2150 9.6 91150.2 -5240.4
1881 9.6 85920.2 -5215.0	1971 10.0 90437.2 -5219.2	2061 9.8 90851.2 -5210.2	2151 10.0 91151.2 -5211.1
1882 9.6 85922.2 -5234.7	1972 9.8 90446.2 -5253.9	2062 10.0 90856.2 -5206.6	2152 9.6 91153.7 -5214.7
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1884 10.0 85938.2 -5230.1	1974 9.8 90451.2 -5222.1	2064 9.8 90857.7 -5243.2	2154 9.5 91159.2 -5240.6
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1888 9.8 85951.7 -5259.6	1978 9.6 90459.2 -5213.2	2068 10.0 90902.7 -5254.1	2158 10.0 91214.2 -5248.1
1889 10.0 85955.2 -5205.3	1979 9.8 90459.7 -5239.5	2069 10.0 90906.2 -5214.2	2159 9.8 91215.2 -5214.3
1890 10.0 85958.2 -5206.0	1980 10.0 90510.2 -5246.4	2070 9.8 90907.7 -5237.8	2160 9.4 91216.7 -5203.3
1891 9.5 85959.2 -5245.2	1981 10.0 90510.7 -5244.2	2071 10.0 90909.2 -5208.4	2161 10.0 91217.7 -5252.8

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2162	9.8	91220.2	-5224.7	2252	10.0	91706.2	-5217.4	2342	10.0	92115.5	-5210.8
2163	9.8	91223.2	-5243.8	2253	10.0	91708.2	-5218.4	2343	9.7	92118.5	-5249.0
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2168	9.8	91237.7	-5221.8	2258	9.5	91741.2	-5236.2	2348	9.4	92137.0	-5212.7
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2171	10.0	91244.7	-5255.0	2261	9.7	91746.9	-5259.0	2351	9.9	92148.5	-5258.5
2172	9.0	91251.2	-5205.1	2262	8.8	91754.2	-5202.0	2352	9.9	92157.0	-5239.5
2173	9.6	91253.7	-5223.9	2263	10.0	91755.7	-5232.0	2353	10.0	92157.5	-5233.5
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2175	9.5	91302.2	-5228.0	2265	9.8	91805.2	-5235.6	2355	9.4	92208.0	-5250.0
2176	9.6	91304.7	-5236.7	2266	9.2	91806.2	-5214.9	2356	9.6	92210.5	-5214.9
2177	9.8	91311.2	-5221.2	2267	9.4	91807.7	-5226.8	2357	10.0	92211.0	-5212.0
2178	10.0	91312.7	-5210.0	2268	10.0	91812.2	-5228.0	2358	9.7	92212.0	-5220.1
2179	9.8	91317.7	-5233.7	2269	10.0	91822.7	-5234.7	2359	10.0	92212.6	-5246.5
2180	9.8	91319.2	-5205.5	2270	9.9	91828.2	-5206.5	2360	6.2	92214.0	-5250.3
2181	9.8	91320.2	-5237.3	2271	10.0	91831.7	-5235.5	2361	10.0	92214.0	-5231.4
2182	9.8	91320.2	-5255.9	2272	9.9	91832.2	-5215.6	2362	9.1	92216.5	-5226.1
2183	10.0	91324.2	-5249.8	2273	8.4	91836.7	-5254.0	2363	10.0	92218.7	-5230.4
2184	9.8	91330.2	-5235.2	2274	10.0	91840.2	-5241.6	2364	10.0	92225.7	-5200.2
2185	8.7	91331.2	-5218.8	2275	9.8	91842.2	-5248.9	2365	9.2	92234.7	-5249.7
2186	9.8	91334.7	-5238.3	2276	10.0	91847.2	-5241.5	2366	10.0	92234.7	-5252.8
2187	9.6	91336.7	-5238.2	2277	8.9	91847.2	-5208.6	2367	10.0	92239.2	-5202.7
2188	10.0	91341.2	-5229.0	2278	9.9	91853.2	-5208.2	2368	8.5	92240.2	-5258.4
2189	9.4	91343.2	-5223.4	2279	8.0	91903.2	-5221.0	2369	10.0	92242.2	-5255.2
2190	9.8	91343.7	-5205.0	2280	10.0	91910.2	-5257.0	2370	10.0	92245.7	-5250.0
2191	9.0	91349.2	-5213.1	2281	8.4	91912.2	-5212.6	2371	9.2	92248.7	-5223.8
2192	9.8	91352.7	-5205.7	2282	9.6	91914.2	-5216.8	2372	10.0	92248.7	-5233.0
2193	10.0	91353.2	-5225.3	2283	10.0	91919.2	-5246.2	2373	10.0	92249.7	-5236.4
2194	9.5	91354.7	-5244.9	2284	9.6	91919.8	-5229.5	2374	10.0	92301.2	-5219.9
2195	9.8	91354.7	-5203.6	2285	9.6	91922.3	-5249.2	2375	10.0	92301.7	-5220.1
2196	9.6	91355.2	-5234.9	2286	9.7	91925.3	-5216.9	2376	9.5	92318.7	-5244.9
2197	9.4	91357.2	-5258.9	2287	9.8	91926.9	-5258.8	2377	9.8	92319.7	-5232.4
2198	9.4	91358.2	-5217.7	2288	10.0	91928.3	-5229.0	2378	9.5	92320.2	-5249.4
2199	10.0	91402.7	-5258.1	2289	9.8	91929.8	-5213.2	2379	9.0	92324.7	-5253.2
2200	9.6	91403.7	-5249.7	2290	10.0	91930.8	-5229.3	2380	9.8	92326.9	-5256.7
2201	10.0	91405.2	-5212.5	2291	9.8	91933.3	-5214.3	2381	10.0	92329.2	-5214.0
2202	9.4	91410.2	-5227.2	2292	9.2	91935.8	-5244.7	2382	9.6	92340.2	-5235.9
2203	9.8	91415.2	-5200.4	2293	9.8	91937.3	-5231.0	2383	10.0	92340.2	-5242.1
2204	9.8	91418.4	-5214.3	2294	10.0	91938.3	-5205.8	2384	9.8	92342.0	-5257.1
2205	10.0	91422.9	-5226.5	2295	10.0	91938.8	-5227.3	2385	9.6	92344.2	-5218.4
2206	9.8	91426.7	-5256.7	2296	8.2	91942.3	-5244.0	2386	9.1	92348.7	-5246.0
2207	9.6	91427.2	-5206.7	2297	10.0	91948.8	-5245.0	2387	7.6	92353.0	-5258.3
2208	9.4	91429.6	-5217.1	2298	8.6	91949.3	-5252.1	2388	9.8	92353.7	-5205.2
2209	9.3	91431.2	-5248.7	2299	9.8	91949.8	-5227.7	2389	10.0	92356.7	-5233.2
2210	10.0	91435.6	-5222.3	2300	9.7	91953.3	-5217.8	2390	10.0	92410.7	-5228.6
2211	10.0	91436.2	-5218.1	2301	10.0	91954.8	-5224.3	2391	10.0	92419.7	-5224.5
2212	9.8	91438.7	-5238.9	2302	9.7	91957.8	-5232.2	2392	9.8	92427.8	-5234.1
2213	10.0	91445.7	-5258.9	2303	9.2	91959.3	-5219.7	2393	9.0	92427.8	-5251.8
2214	10.0	91449.7	-5222.1	2304	10.0	91959.3	-5226.9	2394	9.6	92444.8	-5217.9
2215	9.0	91449.7	-5223.9	2305	10.0	92003.6	-5257.6	2395	10.0	92449.8	-5248.1
2216	9.8	91449.7	-5204.2	2306	9.5	92009.8	-5217.8	2396	8.7	92456.8	-5230.6
2217	9.8	91452.2	-5232.9	2307	10.0	92016.8	-5240.8	2397	9.6	92458.2	-5200.9
2218	9.6	91452.4	-5240.0	2308	9.6	92017.3	-5241.1	2398	10.0	92500.2	-5200.8
2219	9.6	91453.4	-5245.9	2309	9.6	92018.3	-5227.0	2399	9.8	92500.8	-5242.5
2220	9.6	91458.7	-5233.5	2310	9.5	92019.3	-5245.5	2400	9.5	92502.8	-5207.5
2221	10.0	91459.7	-5209.4	2311	9.7	92019.3	-5229.6	2401	9.2	92504.8	-5244.0
2222	10.0	91501.3	-5248.0	2312	9.7	92022.3	-5222.9	2402	10.0	92506.3	-5250.0
2223	9.8	91506.4	-5218.1	2313	9.8	92024.3	-5253.5	2403	9.7	92520.3	-5231.8
2224	10.0	91507.4	-5221.9	2314	9.6	92025.3	-5201.3	2404	10.0	92524.3	-5221.1
2225	10.0	91512.4	-5245.2	2315	9.4	92026.8	-5234.8	2405	10.0	92527.8	-5244.9
2226	9.8	91512.9	-5236.1	2316	10.0	92028.3	-5203.7	2406	8.5	92528.8	-5253.8
2227	10.0	91515.2	-5255.9	2317	9.9	92028.3	-5223.4	2407	9.6	92528.8	-5227.5
2228	9.6	91518.7	-5204.9	2318	9.6	92028.3	-5246.4	2408	10.0	92532.8	-5240.3
2229	10.0	91520.2	-5208.0	2319	9.2	92037.3	-5237.4	2409	10.0	92533.8	-5206.4
2230	9.4	91520.9	-5224.5	2320	8.4	92038.8	-5228.3	2410	9.4	92534.8	-5231.1
2231	9.4	91521.2	-5237.3	2321	9.7	92039.8	-5251.7	2411	10.0	92536.8	-5206.0
2232	10.0	91525.4	-5217.8	2322	9.6	92042.8	-5217.4	2412	9.8	92537.8	-5240.9
2233	9.6	91532.4	-5225.1	2323	9.6	92043.5	-5244.2	2413	9.8	92541.3	-5213.1
2234	9.4	91539.6	-5250.0	2324	9.7	92043.5	-5229.0	2414	9.9	92553.8	-5210.4
2235	10.0	91542.6	-5249.7	2325	9.7	92045.0	-5242.9	2415	8.8	92555.3	-5215.1
2236	9.7	91543.1	-5237.3	2326	9.7	92047.5	-5255.4	2416	9.6	92558.8	-5203.1
2237	10.0	91548.1	-5255.6	2327	9.5	92047.5	-5229.7	2417	9.6	92559.8	-5218.9
2238	9.6	91556.1	-5210.8	2328	9.7	92047.5	-5206.5	2418	8.8	92559.8	-5210.6
2239	9.3	91557.6	-5236.4	2329	9.5	92053.5	-5254.8	2419	10.0	92602.8	-5224.9
2240	9.6	91559.1	-5204.7	2330	8.6	92053.5	-5252.4	2420	9.6	92603.8	-5223.7
2241	9.7	91604.1	-5236.6	2331	9.8	92053.5	-5243.0	2421	10.0	92603.8	-5209.9
2242	8.5	91613.1	-5235.3	2332	9.6	92058.5	-5213.3	2422	10.0	92603.8	-5240.5
2243	9.8	91617.1	-5251.6	2333	10.0	92058.5	-5246.5	2423	9.5	92607.3	-5209.1
2244	8.6	91623.9	-5200.7	2334	9.8	92103.5	-5208.5	2424	10.0	92608.8	-5220.9
2245	9.7	91631.1	-5257.7	2335	9.6	92103.5	-5230.2	2425	9.6	92611.8	-5252.4
2246	9.4	91639.1	-5252.7	2336	9.9	92105.5	-5249.4	2426	9.6	92614.1	-5221.5
2247	10.0	91639.6	-5217.8	2337	9.3	92108.0	-5202.1	2427	9.8	92617.1	-5211.4
2248	7.9	91644.1	-5243.4	2338	9.5	92109.5	-5221.1	2428	9.5	92618.1	-5220.4
2249	9.9	91654.2	-5230.6	2339	9.7	92112.0	-5218.7	2429	9.6	92619.1	-5221.1
2250	9.8	91657.2	-5213.8	2340	9.8	92113.5	-5230.3	2430	9.7	92624.1	-5229.1
2251	10.0	91659.2	-5233.6	2341	10.0	92114.0	-5254.3	2431	9.8	92625.6	-5241.9
2432	10.0	92626.6	-5207.3								
2433	8.9	92627.1	-5223.5								
2434	9.9	92627.1	-5240.0								
2435	10.0	92628.6	-5221.0								
2436	10.0	92629.0	-5222.0								
2437	9.2	92629.1	-5221.7								
2438	10.0	92630.1	-5221.9								
2439	9.9	92634.6	-5233.1								
2440	8.3	92634.9	-5258.5								
2441	10.0	92635.1	-5213.9								
2442	9.6	92637.6	-5211.1								
2443	10.0	92639.1	-5257.7								
2444	10.0	92639.1	-5254.4								
2445	9.9	92639.6	-5204.8								
2446	10.0	92641.1	-5225.6								
2447	10.0	92643.1	-5226.1								
2448	9.9	92644.1	-5234.3								
2449	9.2	92645.6	-5243.7								
2450	9.8	92645.6	-5239.7								
2451	9.7	92647.6	-5239.4								
2452	10.0	92649.1	-5222.9								
2453	9.9	92649.1	-5203.7								
2454	9.6	92649.1	-5209.9								
2455	10.0	92658.1	-5227.9								
2456	9.6	92659.1	-5217.3								
2457	9.3	92700.1	-5253.7								
2458	10.0	92700.6	-5222.7								
2459	10.0	92701.6	-5221.6								
2460	10.0	92702.1	-5204.3								
2461	10.0	92705.1	-5232.3								
2462	10.0	92710.6	-5219.5								
2463	10.0	92711.1	-5234.3								
2464	10.0	92717.1	-5238.0								
2465	9.3	92720.1	-5241.3								
2466	9.9	92725.2	-5241.9								
2467	8.9	92726.2	-5234.1								
2468	9.9	92726.7	-5218.5								
2469	10.0	92729.7	-5252.0								
2470	10.0	92730.2	-5241.7								
2471	9.7	92731.7	-5211.3								
2472	9.8	92735.2	-5250.3								
2473	10.0	92736.7	-5207.3								
2474	9.5	92738.2	-5230.9								
2475	7.8	92756.8	-5259.4								
2476	9.6	92758.9	-5245.1								
2477	9.8	92803.4	-5254.9								
2478	9.5	92804.9	-5214.3								
2479	9.4	92804.9	-5212.7								
2480	9.6	92810.4	-5236.6								
2481	9.7	92813.9	-5204.5								
2482	9.7	92813.9	-5204.9								
2483	10.0	92816.4	-5216.1								
2484	10.0	92820.9	-5253.1								
2485	9.7	92821.9	-5206.3								
2486	9.0	92823.9	-5208.9								
2487	9.6	92824.4	-5243.1								
2488	9.6	92828.9	-5253.8								
2489	8.3	92829.9	-5248.9								
2490	9.2	92831.4	-5243.9								
2491	10.0	92832.9	-5244.9								
2492	9.4	92836.4	-5234.9								
2493	9.3	92839.9	-5232.7								
2494	9.2	92840.9	-5216.5								
2495	9.7	92841.9	-5245.7								
2496	10.0	92843.9	-5204.9								
2497	9.8	92844.4	-5206.8								
2498	9.2	92846.4	-5254.4								
2499	10.0	92846.4	-5249.4								
2500	9.2	92847.9	-5243.1								
2501	9.4	92847.9	-5246.9								
2502	9.2	92849.9	-5252.3								
2503	9.5	92852.9	-5248.6								
2504	10.0	92854.9	-5230.3								
2505	9.7	92857.3	-5257.7								
2506	9.5	92902.9	-5252.7								
2507	10.0	92903.9	-5255.2								
2508	8.0	92904.4	-5216.6								
2509	10.0	92904.4	-5229.7								
2510	10.0	92905.9	-5215.9								
2511	9.6	92907.9	-5248.6								
2512	8.7	92908.9	-5254.1								
2513	10.0	92909.9	-5229.3								
2514	10.0	92909.9	-5222.0								
2515	9.2	92911.4	-5253.1								
2516	10.0	92912.0	-5250.2								
2517	9.7	92913.9	-5246.8								
2518	10.0	92918.9	-5254.0								
2519	9.5	92924.4	-5241.6								
2520	8.5	92927.9	-5247.4								
2521	9.9	92927.9	-5251.8								

-52 2522 9h29m

-52 2881 9h46m

2522	9.2	92930.9	-5249.8	2612	8.1	93233.1	-5223.2	2702	10.0	93706.7	-5251.1
2523	9.6	92930.9	-5250.6	2613	10.0	93236.1	-5239.0	2703	10.0	93712.7	-5253.7
2524	10.0	92930.9	-5252.2	2614	10.0	93237.0	-5245.2	2704	10.0	93715.7	-5241.6
2525	9.8	92932.4	-5227.6	2615	10.0	93238.1	-5236.6	2705	10.0	93718.7	-5241.9
2526	10.0	92935.4	-5207.0	2616	9.6	93238.1	-5228.3	2706	9.5	93719.7	-5202.9
2527	10.0	92935.4	-5258.7	2617	9.7	93238.1	-5219.1	2707	10.0	93719.7	-5257.0
2528	10.0	92939.4	-5223.6	2618	9.9	93243.6	-5231.6	2708	9.6	93724.7	-5233.7
2529	10.0	92940.9	-5258.8	2619	9.2	93244.1	-5244.6	2709	9.7	93725.7	-5211.4
2530	9.8	92941.0	-5200.6	2620	9.2	93249.7	-5220.9	2710	9.7	93727.7	-5234.1
2531	10.0	92941.3	-5200.2	2621	10.0	93250.7	-5220.0	2711	10.0	93728.2	-5241.1
2532	10.0	92947.9	-5207.4	2622	9.9	93255.6	-5256.9	2712	9.7	93733.7	-5235.7
2533	10.0	92947.9	-5246.2	2623	10.0	93303.2	-5203.8	2713	10.0	93733.7	-5254.2
2534	9.6	92950.9	-5206.4	2624	9.9	93304.7	-5238.6	2714	9.4	93734.7	-5259.0
2535	9.1	92953.9	-5230.3	2625	10.0	93304.7	-5243.6	2715	10.0	93737.2	-5240.2
2536	9.9	92954.9	-5237.1	2626	9.6	93308.7	-5241.7	2716	9.8	93738.7	-5252.0
2537	10.0	92954.9	-5216.8	2627	9.6	93311.7	-5245.2	2717	9.4	93739.2	-5252.3
2538	9.6	92955.9	-5213.1	2628	10.0	93311.7	-5248.0	2718	9.6	93739.7	-5224.3
2539	10.0	92956.9	-5223.2	2629	10.0	93314.7	-5256.0	2719	9.8	93739.7	-5223.1
2540	9.8	92957.3	-5201.2	2630	9.2	93315.7	-5226.3	2720	9.7	93740.2	-5240.1
2541	9.3	92958.9	-5223.0	2631	10.0	93319.7	-5218.2	2721	9.5	93745.7	-5221.3
2542	10.0	92959.9	-5247.9	2632	10.0	93319.7	-5219.7	2722	9.9	93749.7	-5244.1
2543	9.7	93001.9	-5248.0	2633	9.9	93321.7	-5206.3	2723	9.8	93753.7	-5208.9
2544	9.2	93002.9	-5235.7	2634	9.8	93325.7	-5215.3	2724	9.4	93755.7	-5206.5
2545	9.7	93006.1	-5224.7	2635	9.7	93329.7	-5216.8	2725	9.8	93803.7	-5211.5
2546	9.6	93010.1	-5222.8	2636	10.0	93334.7	-5215.4	2726	9.7	93806.7	-5251.0
2547	9.5	93012.6	-5215.1	2637	9.6	93341.2	-5227.3	2727	8.6	93819.7	-5259.5
2548	9.8	93018.1	-5249.7	2638	9.8	93341.7	-5210.6	2728	10.0	93819.7	-5206.1
2549	10.0	93018.6	-5217.0	2639	9.6	93341.7	-5205.8	2729	10.0	93824.7	-5254.7
2550	9.7	93019.1	-5257.4	2640	9.7	93348.7	-5225.2	2730	9.2	93827.2	-5223.1
2551	10.0	93019.1	-5249.0	2641	10.0	93351.2	-5208.8	2731	10.0	93828.7	-5241.4
2552	10.0	93022.6	-5250.6	2642	9.8	93353.2	-5204.1	2732	10.0	93831.7	-5236.9
2553	10.0	93024.1	-5204.1	2643	10.0	93354.7	-5259.7	2733	9.2	93839.7	-5225.8
2554	10.0	93024.6	-5230.6	2644	10.0	93357.7	-5215.1	2734	8.8	93839.7	-5232.0
2555	9.0	93025.1	-5212.2	2645	8.1	93357.7	-5207.8	2735	9.6	93844.7	-5233.6
2556	9.4	93029.1	-5219.6	2646	9.1	93400.7	-5250.6	2736	9.8	93852.2	-5256.8
2557	9.9	93029.1	-5230.8	2647	10.0	93404.7	-5207.4	2737	9.8	93854.6	-5210.9
2558	9.8	93030.6	-5236.7	2648	10.0	93408.7	-5254.8	2738	9.2	93901.7	-5204.0
2559	9.7	93031.1	-5253.4	2649	10.0	93408.7	-5237.9	2739	9.4	93904.7	-5208.2
2560	10.0	93035.1	-5202.0	2650	10.0	93410.7	-5237.6	2740	10.0	93904.7	-5238.6
2561	10.0	93037.1	-5230.4	2651	10.0	93410.7	-5204.5	2741	10.0	93907.2	-5257.0
2562	9.3	93037.1	-5236.8	2652	10.0	93415.7	-5224.4	2742	9.6	93909.7	-5255.1
2563	10.0	93043.1	-5218.6	2653	10.0	93420.7	-5204.6	2743	9.6	93923.7	-5256.6
2564	9.7	93043.1	-5206.0	2654	9.5	93424.7	-5217.1	2744	9.9	93926.2	-5257.5
2565	9.9	93044.1	-5208.9	2655	10.0	93435.7	-5252.0	2745	9.9	93927.7	-5234.4
2566	10.0	93045.1	-5211.8	2656	10.0	93436.7	-5252.5	2746	10.0	93929.7	-5209.7
2567	10.0	93049.1	-5248.0	2657	8.8	93438.7	-5252.9	2747	9.6	93929.7	-5225.8
2568	10.0	93049.1	-5213.7	2658	9.6	93448.7	-5205.1	2748	10.0	93937.2	-5256.0
2569	9.3	93055.1	-5218.8	2659	9.5	93449.7	-5223.6	2749	9.2	93937.7	-5254.9
2570	9.5	93057.6	-5217.4	2660	9.5	93449.7	-5203.4	2750	9.9	93939.7	-5254.1
2571	9.7	93059.1	-5220.9	2661	9.8	93454.7	-5232.9	2751	8.9	93943.7	-5245.0
2572	10.0	93100.6	-5224.3	2662	10.0	93503.7	-5234.3	2752	10.0	93943.7	-5221.1
2573	10.0	93100.6	-5253.0	2663	8.4	93507.7	-5222.7	2753	9.4	93959.7	-5217.6
2574	9.8	93107.1	-5219.0	2664	10.0	93514.7	-5227.0	2754	9.6	94007.7	-5229.4
2575	9.6	93111.9	-5202.6	2665	9.8	93517.7	-5238.2	2755	10.0	94009.7	-5258.2
2576	9.2	93114.1	-5222.6	2666	9.3	93523.2	-5234.8	2756	9.9	94011.7	-5230.1
2577	9.7	93118.1	-5253.5	2667	9.8	93523.2	-5229.8	2757	10.0	94014.7	-5227.9
2578	9.8	93118.6	-5205.2	2668	9.2	93525.2	-5227.1	2758	9.8	94014.7	-5210.0
2579	10.0	93119.1	-5234.4	2669	7.7	93525.7	-5241.6	2759	10.0	94017.7	-5248.2
2580	9.8	93119.1	-5225.2	2670	10.0	93526.7	-5204.2	2760	9.8	94018.2	-5244.5
2581	9.2	93120.1	-5206.6	2671	10.0	93527.6	-5221.2	2761	9.8	94019.7	-5251.4
2582	9.7	93120.1	-5238.1	2672	10.0	93529.7	-5233.9	2762	10.0	94023.7	-5204.3
2583	10.0	93123.1	-5221.0	2673	8.9	93535.7	-5227.6	2763	10.0	94025.2	-5245.1
2584	10.0	93123.4	-5259.8	2674	9.7	93536.2	-5205.9	2764	9.5	94033.7	-5252.3
2585	9.8	93127.1	-5236.4	2675	9.7	93557.2	-5228.7	2765	9.6	94037.7	-5224.2
2586	10.0	93127.1	-5209.0	2676	9.8	93539.7	-5214.1	2766	9.9	94041.7	-5244.8
2587	10.0	93129.1	-5251.4	2677	9.8	93542.7	-5250.2	2767	9.6	94052.0	-5258.2
2588	9.8	93132.6	-5244.8	2678	8.2	93546.7	-5249.1	2768	10.0	94052.2	-5205.0
2589	10.0	93135.1	-5235.2	2679	9.9	93550.7	-5252.7	2769	9.8	94053.7	-5222.6
2590	8.6	93137.1	-5233.0	2680	8.2	93551.2	-5227.5	2770	10.0	94054.7	-5229.7
2591	9.6	93142.6	-5216.7	2681	9.0	93555.7	-5242.1	2771	9.0	94057.7	-5240.5
2592	9.9	93142.9	-5202.2	2682	10.0	93559.7	-5231.3	2772	8.5	94058.2	-5251.5
2593	9.9	93144.6	-5244.3	2683	9.2	93601.2	-5256.0	2773	10.0	94058.2	-5241.9
2594	10.0	93146.6	-5244.7	2684	9.8	93601.2	-5220.9	2774	10.0	94058.7	-5214.6
2595	10.0	93147.6	-5208.0	2685	9.6	93604.7	-5209.6	2775	9.9	94104.0	-5259.3
2596	9.6	93148.1	-5225.7	2686	9.6	93618.7	-5250.7	2776	10.0	94116.2	-5216.9
2597	9.7	93154.1	-5234.8	2687	9.7	93619.7	-5207.7	2777	9.4	94119.7	-5242.0
2598	10.0	93157.0	-5216.0	2688	9.7	93619.7	-5242.5	2778	10.0	94119.7	-5244.7
2599	8.1	93159.1	-5239.3	2689	9.8	93621.7	-5230.8	2779	10.0	94120.7	-5217.0
2600	10.0	93159.4	-5200.9	2690	9.9	93623.7	-5242.4	2780	10.0	94121.7	-5214.4
2601	9.7	93202.1	-5206.4	2691	9.8	93624.7	-5230.4	2781	9.6	94123.7	-5230.3
2602	10.0	93204.1	-5209.0	2692	10.0	93627.7	-5223.9	2782	9.0	94134.7	-5221.4
2603	10.0	93204.1	-5246.1	2693	10.0	93633.7	-5247.8	2783	10.0	94136.7	-5242.4
2604	9.7	93207.6	-5239.0	2694	9.7	93638.7	-5205.7	2784	10.0	94137.7	-5220.8
2605	9.0	93207.6	-5215.8	2695	9.6	93639.2	-5251.7	2785	10.0	94139.2	-5255.2
2606	10.0	93207.7	-5258.8	2696	9.8	93639.7	-5248.9	2786	9.8	94148.2	-5232.8
2607	9.8	93213.1	-5251.3	2697	9.7	93645.7	-5226.7	2787	9.8	94152.7	-5235.3
2608	10.0	93218.1	-5204.9	2698	8.9	93649.7	-5243.3	2788	9.0	94158.7	-5222.9
2609	9.6	93219.6	-5253.2	2699	9.8	93651.2	-5224.3	2789	9.2	94201.7	-5228.6
2610	9.6	93224.1	-5251.0	2700	9.4	93659.7	-5206.1	2790	10.0	94205.7	-5228.8
2611	10.0	93229.1	-5220.0	2701	9.2	93705.7	-5234.0	2791	9.6	94212.2	-5230.1
2792	10.0	94212.7	-5205.3
2793	8.8	94214.7	-5222.9
2794	9.8	94219.7	-5232.8
2795	9.6	94221.7	-5212.5
2796	9.3	94225.7	-5251.5
2797	9.1	94228.2	-5202.1
2798	9.5	94234.7	-5221.0
2799	9.6	94237.2	-5249.7
2800	9.8	94241.7	-5203.7
2801	10.0	94247.2	-5233.4
2802	9.0	94248.2	-5206.6
2803	10.0	94250.7	-5204.0
2804	9.8	94255.7	-5240.5
2805	9.5	94300.7	-5244.0
2806	10.0	94300.7	-5228.9
2807	9.7	94303.7	-5240.8
2808	9.9	94305.7	-5233.4
2809	10.0	94309.7	-5228.6
2810	10.0	94310.7	-5246.3
2811	10.0	94315.7	-5251.1
2812	10.0	94317.2	-5234.7
2813	10.0	94319.2	-5248.6
2814	9.8	94321.7	-5212.7
2815	9.6	94325.2	-5236.1
2816	9.6	94326.7	-5217.9
2817	9.8	94329.2	-5216.1
2818	9.7	94329.7	-5233.0
2819	9.9	94329.7	-5234.6
2820	9.5	94336.2	-5255.7
2821	10.0	94339.7	-5205.1
2822	10.0	94341.7	-5202.6
2823	9.0	94353.7	-5223.6
2824	9.7	94353.7	-5231.3
2825	9.5	94357.7	-5243.0
2826	9.6	94408.2	-5230.7
2827	8.6	94410.2	-5225.6
2828	9.7	94415.7	-5221.1
2829	10.0	94417.7	-5233.6
2830	8.4	94424.7	-5202.6
2831	9.2	94429.7	-5233.1
2832	9.5	94434.9	-5250.4
2833	9.6	94435.4	-5213.7
2834	9.6	94435.7	-5222.0
2835	10.0	94439.4	-5200.2
2836	9.8	94440.1	-5255.9
2837	9.1	94445.6	-5233.8
2838	9.8	94446.9	-5202.6
2839	9.3	94448.4	-5256.8
2840	9.8	94450.2	-5223.9
2841	9.8	94451.6	-5249.1
2842	9.6	94452.7	-5242.6
2843	9.3	94453.6	-5212.4
2844	9.8	94458.7	-5203.2
2845	9.8	94459.6	-5245.0
2846	9.8	94500.1	-5225.5
2847	9.4	94501.6	-5228.7
2848	9.8	94508.4	-5241.2
2849	9.8	94512.1	-5218.9
2850	9.5	94520.6	-5200.3
2851	9.6	94522.4	-5230.4
2852	9.8	94525.1	-5237.3
2853	8.8	94525.4	-5229.7
2854	9.5	94530.6	-5206.0
2855	9.6	94533.6	-5210.8
2856	9.6	94534.1	-5229.0
2857	9.8	94543.6	-5206.2
2858	9.8	94544.1	-5231.8
2859	9.8	94544.6	-5231.0
2860	9.8	94545.5	-5210.0
2861	9.8	94547.1	-5236.0
2862	9.5	94549.6	-5200.7
2863	9.4	94551.1	-5233.6
2864	9.8	94558.6	-5202.9
2865	9.8	94610.6	-5242.0
2866	9.7	94610.6	-5215.5
2867	9.8	94612.1	-5212.3
2868	9.4	94612.6	-5224.3
2869	9.2	94617.1	-5249.3
2870	9.8	94620.1	-5232.3
2871	9.8	94620.6	-5235.9
2872	8.6	94621.6	-5248.2
2873	9.7	94626.6	-5257.6
2874	9.8	94626.6	-5232.9
2875	8.4	94627.1	-5243.1
2876	8.9	94628.1	-5258.2
2877	9.8	94633.1	-5208.2
2878	8.7	94634.6	-5241.6
2879	9.6	94638.6	-5241.9
2880	9.8	94639.1	-5235.7
2881	9.7	94639.6	-5242.9

-52 2882 9h46m

-52 3241 10h02m

2882	9.3	94644.1	-5214.9	2972	9.1	95220.4	-5258.1	3062	9.4	95615.6	-5200.1	3152	9.8	95928.4	-5213.3
2883	8.6	94646.6	-5235.9	2973	9.4	95221.4	-5216.4	3063	8.8	95615.6	-5231.4	3153	9.7	95928.6	-5229.0
2884	9.7	94648.6	-5242.8	2974	9.5	95223.9	-5247.1	3064	9.8	95616.6	-5227.7	3154	9.6	95930.6	-5232.9
2885	8.6	94651.6	-5235.7	2975	9.4	95227.9	-5254.0	3065	9.8	95616.6	-5242.6	3155	8.4	95931.1	-5219.6
2886	9.8	94652.4	-5219.9	2976	9.3	95234.4	-5221.2	3066	9.8	95619.6	-5231.1	3156	8.8	95932.1	-5218.1
2887	8.6	94657.6	-5218.4	2977	9.7	95236.4	-5210.2	3067	9.6	95625.1	-5237.1	3157	9.8	95932.4	-5231.3
2888	9.6	94701.1	-5226.2	2978	9.8	95237.4	-5220.9	3068	9.8	95627.1	-5259.2	3158	9.6	95936.6	-5203.4
2889	9.8	94720.1	-5218.5	2979	9.4	95239.4	-5222.0	3069	9.5	95627.1	-5213.3	3159	9.8	95939.1	-5230.0
2890	9.8	94722.6	-5233.7	2980	7.3	95239.9	-5202.6	3070	9.6	95628.1	-5216.9	3160	9.6	95939.6	-5228.7
2891	9.8	94724.6	-5203.7	2981	9.6	95241.4	-5252.2	3071	9.8	95631.6	-5256.5	3161	9.8	95940.6	-5208.6
2892	9.6	94727.6	-5254.8	2982	9.6	95241.4	-5212.3	3072	9.8	95638.6	-5235.7	3162	9.8	95945.1	-5258.2
2893	9.8	94731.6	-5221.0	2983	9.7	95247.4	-5201.0	3073	9.1	95640.1	-5213.0	3163	9.8	95948.6	-5200.8
2894	9.3	94733.6	-5227.8	2984	9.8	95249.4	-5225.8	3074	9.2	95640.1	-5225.9	3164	9.6	95949.1	-5235.4
2895	9.6	94735.1	-5208.7	2985	9.4	95249.9	-5214.4	3075	9.7	95643.1	-5229.3	3165	9.7	95950.6	-5214.5
2896	9.6	94735.6	-5207.4	2986	9.8	95252.4	-5203.2	3076	9.8	95644.6	-5228.0	3166	9.8	95951.1	-5227.8
2897	9.6	94737.6	-5257.7	2987	9.8	95253.4	-5236.7	3077	9.5	95652.1	-5258.9	3167	9.6	95951.6	-5228.4
2898	9.8	94739.1	-5259.6	2988	9.6	95253.4	-5250.0	3078	9.5	95655.6	-5227.6	3168	9.4	95955.6	-5215.1
2899	9.8	94742.6	-5206.2	2989	8.9	95256.4	-5250.3	3079	9.2	95657.1	-5224.0	3169	9.6	95955.6	-5236.2
2900	9.5	94743.1	-5223.6	2990	9.8	95256.4	-5203.4	3080	9.8	95658.4	-5241.3	3170	9.3	95957.6	-5219.0
2901	9.5	94746.6	-5251.9	2991	9.8	95306.9	-5244.9	3081	9.0	95659.1	-5252.0	3171	9.0	95957.9	-5201.8
2902	9.8	94750.1	-5247.6	2992	9.8	95310.4	-5208.0	3082	9.8	95700.6	-5246.8	3172	9.8	95958.6	-5225.2
2903	8.3	94752.6	-5203.8	2993	8.8	95317.4	-5213.3	3083	9.6	95702.1	-5253.2	3173	9.8	100001.1	-5225.1
2904	9.6	94755.1	-5253.2	2994	9.7	95318.4	-5232.3	3084	9.5	95702.8	-5200.2	3174	9.8	100004.1	-5213.6
2905	9.8	94759.1	-5225.5	2995	9.7	95320.4	-5236.1	3085	9.6	95706.9	-5259.9	3175	9.8	100009.6	-5216.8
2906	9.8	94809.6	-5241.9	2996	8.2	95329.9	-5217.7	3086	9.8	95708.1	-5240.2	3176	9.8	100009.6	-5216.0
2907	8.6	94813.1	-5255.7	2997	9.5	95337.4	-5209.9	3087	7.2	95709.1	-5245.7	3177	9.7	100010.1	-5231.4
2908	9.8	94817.6	-5221.5	2998	9.3	95342.9	-5255.0	3088	9.4	95710.1	-5214.2	3178	9.8	100016.1	-5243.0
2909	9.5	94824.6	-5240.5	2999	9.7	95347.9	-5228.4	3089	9.8	95711.4	-5225.3	3179	9.8	100020.6	-5216.6
2910	9.8	94838.1	-5211.8	3000	9.5	95348.9	-5243.1	3090	9.7	95716.1	-5247.0	3180	9.5	100020.6	-5215.1
2911	8.6	94840.1	-5217.5	3001	9.8	95352.4	-5235.2	3091	9.8	95718.4	-5239.5	3181	9.5	100023.8	-5258.3
2912	9.4	94841.6	-5228.2	3002	9.4	95355.4	-5229.7	3092	9.8	95718.6	-5238.0	3182	9.8	100031.1	-5238.0
2913	9.8	94847.1	-5205.0	3003	9.8	95356.9	-5214.4	3093	9.3	95718.6	-5255.3	3183	9.6	100032.6	-5200.3
2914	9.7	94855.1	-5212.2	3004	9.8	95404.9	-5253.2	3094	9.7	95719.6	-5204.2	3184	9.8	100033.6	-5221.8
2915	9.4	94902.6	-5206.7	3005	9.4	95405.6	-5220.0	3095	9.4	957 9.6	-5259.0	3185	9.6	100034.1	-5238.5
2916	9.8	94903.1	-5237.7	3006	9.8	95410.1	-5200.2	3096	9.8	957?1.4	-5233.9	3186	8.6	100037.1	-5252.9
2917	9.6	94908.6	-5210.6	3007	9.8	95410.6	-5215.2	3097	8.3	95724.1	-5224.2	3187	9.8	100043.6	-5217.0
2918	8.1	94912.1	-5249.0	3008	9.7	95415.6	-5211.9	3098	9.8	95725.6	-5238.2	3188	9.8	100045.1	-5227.5
2919	9.4	94913.1	-5208.2	3009	9.5	95416.1	-5223.3	3099	9.5	95727.6	-5246.8	3189	9.4	100045.6	-5248.8
2920	9.5	94917.6	-5232.1	3010	8.9	95418.6	-5232.9	3100	9.5	95730.1	-5211.0	3190	9.4	100047.6	-5256.4
2921	9.8	94918.1	-5219.7	3011	9.8	95419.5	-5227.3	3101	9.6	95730.6	-5205.1	3191	9.1	100049.6	-5255.4
2922	9.8	94928.1	-5219.0	3012	9.4	95420.6	-5222.9	3102	9.6	9573 .1	-5203.8	3192	9.8	100050.1	-5215.8
2923	9.2	94942.1	-5227.2	3013	9.4	95420.6	-5231.9	3103	9.8	95731.4	-5221.4	3193	9.1	100054.1	-5201.1
2924	9.8	94944.3	-5200.0	3014	9.3	95422.1	-5247.9	3104	9.6	95734.6	-5206.9	3194	9.7	100106.4	-5200.6
2925	9.8	94949.1	-5229.5	3015	9.5	95423.6	-5258.8	3105	9.7	95735.1	-5226.0	3195	9.2	100107.1	-5249.4
2926	8.7	94953.1	-5223.8	3016	9.1	95425.6	-5242.2	3106	9.7	95735.6	-5220.6	3196	9.8	100116.1	-5215.2
2927	9.5	94958.6	-5223.1	3017	9.6	95429.6	-5223.9	3107	9.7	95736.6	-5208.9	3197	9.5	100116.6	-5203.9
2928	9.5	94958.6	-5244.5	3018	9.6	95435.1	-5223.8	3108	9.0	95740 1	-5213.0	3198	9.4	100117.4	-5200.6
2929	9.8	95003.0	-5202.8	3019	9.7	95436.1	-5230.7	3109	9.8	95741.4	-5240.3	3199	9.5	100119.5	-5227.2
2930	9.8	95004.6	-5242.8	3020	9.4	95440.1	-5211.0	3110	9.7	95741.6	-5216.0	3200	9.8	100123.1	-5213.3
2931	9.8	95016.1	-5216.1	3021	9.7	95446.6	-5241.5	3111	9.5	95743.6	-5229.0	3201	9.7	100123.6	-5221.0
2932	9.8	95023.6	-5242.1	3022	9.8	95449.6	-5211.8	3112	9.8	95744.6	-5259.6	3202	9.5	100125.6	-5239.7
2933	8.8	95026.1	-5203.1	3023	9.7	95453.6	-5207.7	3113	9.8	95744.6	-5230.7	3203	9.3	100125.6	-5240.1
2934	8.9	95026.4	-5253.2	3024	9.6	95454.6	-5240.5	3114	9.6	95748.1	-5203.6	3204	9.8	100129.6	-5234.2
2935	9.8	95027.9	-5256.7	3025	9.2	95456.6	-5216.6	3115	9.4	95752.1	-5205.0	3205	9.2	100130.1	-5224.4
2936	9.5	95034.9	-5247.1	3026	9.8	95457.6	-5251.1	3116	9.8	95752.6	-5222.6	3206	9.5	100134.1	-5213.4
2937	9.7	95034.9	-5202.6	3027	9.8	95458.6	-5240.7	3117	9.8	95754.6	-5220.7	3207	9.6	100135.6	-5214.0
2938	9.8	95040.4	-5210.6	3028	9.8	95504.1	-5205.5	3118	9.5	95756.1	-5247.0	3208	9.8	100139.1	-5220.2
2939	9.8	95040.9	-5228.7	3029	8.8	95510.1	-5237.3	3119	9.5	95758.6	-5227.4	3209	9.2	100140.1	-5247.4
2940	9.3	95041.4	-5206.8	3030	9.4	95510.6	-5236.2	3120	8.0	95800.1	-5232.7	3210	9.5	100140.6	-5249.6
2941	9.5	95042.1	-5257.0	3031	9.2	95519.6	-5213.8	3121	9.6	95800.6	-5228.4	3211	9.6	100140.6	-5252.8
2942	9.8	95042.5	-5231.0	3032	9.6	95520.6	-5210.4	3122	9.4	95804.1	-5208.4	3212	9.8	100142.1	-5216.8
2943	9.8	95048.4	-5235.1	3033	9.4	95522.6	-5250.1	3123	9.8	95804.1	-5259.9	3213	9.8	100144.6	-5202.8
2944	9.5	95050.4	-5244.9	3034	9.6	95526.5	-5233.2	3124	9.8	95808.1	-5236.4	3214	8.2	100150.1	-5251.6
2945	9.8	95051.4	-5212.9	3035	9.8	95531.1	-5227.7	3125	9.4	95815.4	-5257.6	3215	9.8	100151.1	-5208.4
2946	9.3	95051.9	-5254.1	3036	9.4	95532.5	-5215.1	3126	9.5	95815.6	-5231.1	3216	9.4	100152.6	-5247.5
2947	9.8	95052.4	-5203.0	3037	9.8	95534.5	-5204.6	3127	9.4	95819.1	-5231.1	3217	9.8	100153.5	-5236.4
2948	9.8	95053.5	-5214.1	3038	9.4	95535.1	-5227.7	3128	9.3	95822.6	-5229.0	3218	9.4	100200.1	-5214.8
2949	9.4	95101.4	-5236.9	3039	9.0	95538.6	-5224.3	3129	9.7	95824.1	-5214.4	3219	9.5	100201.1	-5254.6
2950	9.6	95102.9	-5218.3	3040	9.6	95541.1	-5204.4	3130	9.6	95824.6	-5210.2	3220	9.3	100201.1	-5205.8
2951	9.1	95104.9	-5249.7	3041	9.8	95541.6	-5227.4	3131	9.8	95828.1	-5253.2	3221	9.6	100204.1	-5221.4
2952	9.8	95110.4	-5211.9	3042	9.6	95541.6	-5227.6	3132	9.1	95828.6	-5252.8	3222	9.8	100204.1	-5257.0
2953	9.8	95111.0	-5202.7	3043	9.3	95547.6	-5204.8	3133	9.1	95842.1	-5205.2	3223	8.6	100209.9	-5202.2
2954	9.5	95112.4	-5256.0	3044	9.5	95549.1	-5221.7	3134	9.4	95843.1	-5213.9	3224	9.6	100210.6	-5230.5
2955	8.0	95123.4	-5223.1	3045	9.8	95549.1	-5250.9	3135	9.6	95843.6	-5203.2	3225	9.5	100216.1	-5224.0
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2957	9.8	95126.4	-5214.7	3047	8.8	95550.6	-5241.4	3137	9.7	95847.6	-5257.8	3227	9.8	100216.1	-5227.0
2958	9.8	95127.4	-5216.3	3048	9.6	95551.6	-5229.7	3138	9.2	95849.9	-5202.2	3228	9.8	100220.6	-5239.0
2959	9.6	95130.9	-5235.4	3049	9.8	95554.6	-5255.2	3139	9.8	95850.4	-5252.0	3229	9.5	100223.6	-5252.5
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2961	9.7	95133.9	-5218.7	3051	9.6	95555.1	-5214.9	3141	9.8	95851.6	-5219.6	3231	9.7	100226.1	-5205.6
2962	8.8	95134.0	-5256.7	3052	9.8	95600.1	-5209.5	3142	9.8	95853.1	-5228.4	3232	9.3	100230.1	-5235.6
2963	9.8	95134.9	-5212.1	3053	9.7	95601.6	-5222.0	3143	8.4	95854.1	-5226.9	3233	9.8	100230.6	-5210.0
2964	9.6	95153.9	-5246.5	3054	9.6	95602.6	-5252.0	3144	9.8	95854.1	-5251.0	3234	8.2	100235.1	-5229.8
2965	9.8	95155.4	-5243.1	3055	9.7	95602.6	-5254.7	3145	9.2	95900.6	-5255.5	3235	9.6	100239.6	-5209.8
2966	9.8	95203.9	-5233.1	3056	9.7	95603.6	-5223.3	3146	9.6	95905.1	-5238.0	3236	9.6	100240.1	-5235.0
2967	9.1	95205.4	-5226.2	3057	9.4	95604.1	-5250.0	3147	9.8	95910.1	-5250.5	3237	9.6	100242.6	-5235.0
2968	9.5	95209.4	-5242.1	3058	9.8	95606.6	-5256.7	3148	9.8	95914.1	-5257.2	3238	9.2	100242.1	-5200.4
2969	9.7	95210.4	-5225.7	3059	9.8	95609.1	-5217.4	3149	9.8	95918.6	-5222.8	3239	9.5	100242.5	-5257.0
2970	9.0	95211.4	-5242.6	3060	9.7	95609.1	-5238.0	3150	9.8	95925.6	-5240.9	3240	9.5	100249.5	-5208.8
2971	9.4	95212.9	-5202.0	3061	9.8	95614.1	-5212.7	3151	9.5	95928.1	-5232.0	3241	9.1	100251.5	-5210.2

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3327 9.6 100709.5 -5230.0	3417 9.6 101048.5 -5241.3	3507 9.4 101528.9 -5213.3	3597 10.0 102335.4 -5242.3
3328 9.8 100711.0 -5249.6	3418 9.6 101051.5 -5211.7	3508 9.4 101530.4 -5227.7	3598 10.0 102337.4 -5254.5
3329 9.8 100715.0 -5230.7	3419 9.5 101055.0 -5208.9	3509 10.0 101533.4 -5223.8	3599 10.0 102342.3 -5226.8
3330 9.4 100718.5 -5211.0	3420 8.4 101100.3 -5201.3	3510 10.0 101534.9 -5210.7	3600 10.0 102343.7 -5257.6
3331 9.4 100719.5 -5226.4	3421 9.8 101100.5 -5212.6	3511 9.7 101540.4 -5203.0	3601 9.4 102344.4 -5200.8

-52 3601 10h23m

-52 3602 10h23m

-52 3961 10h45m

3602 9.7 102344.9 -5223.6	3692 9.5 102919.4 -5225.8	3782 10.0 103426.4 -5216.9	3872 9.8 103931.6 -5244.0
3603 10.0 102350.2 -5257.8	3693 8.7 102919.4 -5227.8	3783 9.6 103427.4 -5217.2	3873 10.0 103935.7 -5248.6
3604 9.8 102408.4 -5239.0	3694 10.0 102922.4 -5212.7	3784 8.7 103428.4 -5250.0	3874 9.0 103936.1 -5231.2
3605 9.5 102409.4 -5256.1	3695 9.8 102923.9 -5200.0	3785 9.8 103428.9 -5206.0	3875 9.7 103937.6 -5209.0
3606 9.5 102410.4 -5210.2	3696 9.5 102925.4 -5231.2	3786 9.4 103438.9 -5249.2	3876 9.5 103944.1 -5224.0
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3613 10.0 102434.4 -5233.1	3703 10.0 102949.3 -5227.2	3793 10.0 103457.4 -5228.0	3883 9.8 104012.6 -5246.2
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3616 9.7 102439.9 -5229.6	3706 9.0 102955.9 -5207.9	3796 10.0 103459.4 -5209.6	3886 10.0 104031.1 -5246.4
3617 9.4 102451.4 -5214.8	3707 9.8 102956.4 -5254.2	3797 8.9 103504.9 -5202.4	3887 8.7 104033.6 -5258.3
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3624 9.8 102513.4 -5224.1	3714 9.0 103040.4 -5255.2	3804 10.0 103539.9 -5251.2	3894 10.0 104059.6 -5239.9
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3626 9.8 102518.4 -5206.0	3716 9.8 103045.4 -5223.1	3806 9.5 103545.9 -5222.2	3896 9.2 104121.6 -5253.9
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3637 9.6 102606.4 -5249.5	3727 9.6 103143.4 -5222.8	3817 9.6 103609.6 -5208.8	3907 10.0 104151.6 -5212.8
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3654 9.8 102721.4 -5214.2	3744 9.4 103232.4 -5223.2	3834 10.0 103705.6 -5225.6	3924 9.4 104302.6 -5226 7
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3677 8.9 102838.4 -5253.2	3767 9.4 103344.4 -5245.4	3857 10.0 103842.1 -5209.9	3947 10.0 104457.8 -5218.3
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3682 10.0 102849.4 -5221.0	3772 10.0 103358.4 -5208.0	3862 9.8 103859.6 -5203.3	3952 10.0 104519.1 -5227.0
3683 9.2 102850.9 -5238.4	3773 9.8 103401.4 -5208.6	3863 9.2 103859.6 -5226.2	3953 9.4 104520.1 -5233.7
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3685 9.4 102855.9 -5239.0	3775 10.0 103403.4 -5242.8	3865 9.8 103913.1 -5220.6	3955 10.2 104529.0 -5250.2
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3687 9.4 102856.4 -5247.6	3777 10.0 103409.9 -5234.2	3867 10.0 103918.6 -5247.9	3957 9.8 104536.0 -5250.6
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3690 9.0 102914.2 -5259.3	3780 9.6 103420.4 -5238.2	3870 10.0 103929.6 -5252.2	3960 10.3 104541.0 -5216.4
3691 9.8 102918.9 -5221.9	3781 10.0 103423.4 -5259.4	3871 10.0 103930.1 -5210.6	3961 9.6 104549.0 -5205.2

-52 3962 10h45m

-52 4321 11h06m

3962 10.0 104550.5 -5209.3	4052 9.2 105210.5 -5247.8	4142 10.0 105703.7 -5249.7	4232 10.0 110157.9 -5201.6
3963 9.2 104556.5 -5241.1	4053 10.3 105218.0 -5222.1	4143 10.3 105709.2 -5237.9	4233 10.0 110157.9 -5201.1
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3965 9.4 104600.5 -5236.8	4055 8.3 105222.3 -5200.8	4145 10.2 105710.7 -5210.6	4235 9.8 110205.7 -5242.1
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3973 10.2 104641.0 -5232.9	4063 10.3 105254.0 -5215.2	4153 10.3 105740.6 -5250.7	4243 10.0 110240.7 -5215.2
3974 9.4 104648.5 -5244.8	4064 10.2 105301.0 -5209.0	4154 10.0 105740.7 -5253.3	4244 10.2 110241.2 -5257.0
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3979 9.8 104651.0 -5245.0	4069 9.2 105328.0 -5258.8	4159 10.0 105751.2 -5251.0	4249 8.9 110300.2 -5234.4
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3983 9.8 104707.0 -5233.4	4073 9.8 105345.5 -5223.6	4163 9.6 105810.7 -5209.2	4253 9.2 110320.7 -5212.6
3984 10.2 104709.5 -5246.9	4074 10.3 105349.5 -5251.0	4164 10.0 105811.2 -5232.4	4254 10.0 110320.7 -5227.6
3985 10.2 104710.0 -5211.2	4075 10.3 105350.5 -5233.6	4165 10.2 105817.2 -5210.4	4255 10.2 110321.2 -5223.3
3986 9.5 104710.0 -5208.6	4076 10.2 105350.5 -5232.2	4166 9.8 105823.4 -5201.2	4256 8.5 110321.7 -5250.9
3987 9.8 104710.5 -5222.9	4077 10.2 105352.5 -5205.8	4167 10.2 105823.7 -5221.9	4257 9.8 110322.7 -5211.0
3988 10.3 104712.4 -5211.0	4078 10.3 105353.5 -5234.0	4168 10.2 105827.7 -5220.9	4258 10.2 110329.2 -5251.1
3989 10.0 104713.5 -5237.9	4079 9.8 105358.0 -5251.0	4169 10.2 105833.7 -5240.9	4259 10.0 110331.1 -5202.3
3990 10.3 104720.5 -5208.8	4080 9.5 105400.0 -5206.5	4170 9.8 105848.0 -5226.3	4260 9.6 110333.7 -5244.2
3991 10.2 104737.5 -5205.5	4081 10.2 105400.5 -5209.1	4171 10.2 105849.2 -5210.5	4261 10.2 110334.7 -5258.6
3992 9.8 104748.5 -5255.6	4082 9.5 105400.5 -5211.8	4172 9.6 105853.2 -5217.8	4262 10.0 110335.7 -5218.1
3993 9.6 104750.5 -5243.0	4083 10.0 105400.5 -5216.2	4173 9.6 105854.2 -5222.1	4263 9.6 110336.2 -5236.9
3994 9.6 104755.0 -5214.5	4084 9.3 105401.5 -5219.9	4174 9.2 105856.7 -5238.8	4264 9.8 110339.2 -5243.0
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3998 9.8 104819.5 -5242.7	4088 10.3 105413.0 -5220.9	4178 9.8 105909.7 -5244.9	4268 10.0 110348.7 -5205.2
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4000 10.2 104825.0 -5247.1	4090 10.0 105415.5 -5242.6	4180 10.3 105918.2 -5203.7	4270 9.8 110355.7 -5238.8
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4002 10.3 104838.0 -5215.9	4092 10.3 105419.5 -5254.6	4182 9.6 105923.2 -5221.3	4272 10.3 110401.2 -5232.0
4003 10.3 104840.5 -5232.9	4093 9.4 105421.0 -5239.3	4183 10.3 105928.2 -5248.2	4273 10.3 110406.7 -5252.3
4004 9.8 104849.5 -5223.1	4094 9.6 105423.0 -5206.3	4184 10.3 105930.2 -5202.6	4274 10.3 110407.7 -5231.0
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4009 10.2 104915.0 -5212.8	4099 10.3 105438.0 -5215.2	4189 9.8 105939.7 -5246.5	4279 10.2 110418.2 -5248.9
4010 10.2 104919.8 -5200.5	4100 9.6 105441.5 -5237.1	4190 10.3 105942.7 -5235.5	4280 10.2 110419.7 -5252.1
4011 10.2 104920.5 -5201.5	4101 10.0 105447.5 -5240.9	4191 9.3 105943.7 -5228.0	4281 10.3 110420.7 -5247.2
4012 9.4 104922.5 -5254.1	4102 10.0 105454.4 -5202.5	4192 10.2 105945.2 -5212.7	4282 8.2 110420.7 -5259.3
4013 10.0 104922.5 -5216.4	4103 9.3 105457.7 -5204.8	4193 9.8 105957.7 -5227.2	4283 10.2 110422.2 -5240.9
4014 9.4 104923.3 -5259.8	4104 10.0 105458.2 -5211.1	4194 8.9 110001.2 -5207.3	4284 9.8 110424.2 -5233.1
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4017 10.2 104942.5 -5232.7	4107 10.2 105510.7 -5247.1	4197 10.0 110003.7 -5217.7	4287 10.0 110430.7 -5248.2
4018 9.0 104945.0 -5234.8	4108 10.3 105511.2 -5213.9	4198 10.2 110018.9 -5225.0	4288 10.3 110438.7 -5242.9
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4024 10.3 104951.0 -5228.3	4114 10.2 105533.2 -5222.9	4204 10.0 110030.7 -5234.5	4294 10.2 110501.2 -5234.8
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4033 10.0 105035.5 -5221.0	4123 9.6 105601.3 -5259.5	4213 10.0 110053.2 -5242.4	4303 10.2 110540.6 -5211.8
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4035 10.3 105041.0 -5252.3	4125 10.0 105620.7 -5238.4	4215 10.2 110055.7 -5257.5	4305 9.6 110548.2 -5214.9
4036 9.8 105107.5 -5230.3	4126 9.8 105624.9 -5203.0	4216 9.3 110058.7 -5239.4	4306 9.6 110550.7 -5213.2
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4038 10.3 105113.0 -5240.2	4128 10.0 105629.2 -5230.0	4218 10.3 110110.7 -5250.2	4308 10.0 110552.2 -5242.5
4039 9.4 105118.5 -5249.7	4129 10.3 105630.7 -5215.8	4219 8.4 110111.2 -5217.4	4309 10.0 110559.7 -5210.3
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4041 9.2 105132.5 -5232.4	4131 9.8 105632.2 -5219.3	4221 9.2 110112.8 -5258.2	4311 9.4 110609.7 -5209.3
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4043 10.2 105147.5 -5231.2	4133 10.0 105635.7 -5206.9	4223 10.2 110120.2 -5242.6	4313 9.4 110610.7 -5239.7
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4049 9.8 105205.5 -5209.8	4139 10.0 105657.7 -5218.5	4229 9.4 110146.7 -5234.3	4319 9.1 110620.7 -5231.1
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4051 10.3 105210.5 -5208.9	4141 9.8 105703.5 -5200.6	4231 9.4 110154.7 -5255.8	4321 10.3 110623.7 -5219.1

-52 4322 11h06m

4322	9.4	110629.2	-5234.0	4412	9.6	111138.7	-5229.0	4502	9.9	111620.8	-5206.1
4323	10.2	110629.2	-5252.3	4413	10.0	111139.2	-5229.8	4503	8.6	111627.8	-5240.2
4324	9.8	110629.7	-5240.0	4414	9.0	111150.2	-5230.7	4504	9.8	111629.8	-5238.1
4325	9.8	110632.7	-5208.9	4415	9.8	111150.7	-5256.0	4505	9.9	111638.8	-5251.0
4326	9.8	110638.2	-5229.3	4416	10.2	111151.2	-5207.8	4506	9.9	111639.8	-5228.1
4327	10.2	110644.2	-5228.5	4417	8.6	111155.2	-5248.2	4507	7.4	111647.3	-5241.0
4328	9.8	110649.2	-5230.1	4418	8.4	111155.7	-5207.2	4508	9.7	111649.8	-5228.0
4329	10.0	110654.2	-5208.6	4419	9.0	111200.7	-5252.6	4509	9.4	111700.3	-5210.2
4330	9.8	110658.2	-5245.5	4420	10.3	111202.2	-5210.8	4510	9.5	111700.8	-5238.5
4331	9.8	110659.7	-5239.6	4421	9.4	111212.2	-5206.2	4511	9.9	111702.8	-5231.8
4332	10.2	110709.2	-5255.9	4422	10.0	111214.7	-5211.2	4512	9.5	111708.3	-5216.1
4333	10.0	110710.7	-5214.4	4423	9.6	111217.2	-5218.8	4513	9.7	111711.8	-5230.8
4334	9.8	110710.7	-5252.0	4424	10.3	111221.2	-5235.0	4514	9.4	111712.7	-5200.9
4335	10.2	110716.7	-5240.2	4425	10.0	111222.7	-5225.6	4515	9.4	111719.8	-5219.3
4336	9.6	110718.2	-5246.0	4426	9.6	111222.7	-5239.6	4516	8.7	111722.3	-5225.2
4337	9.0	110720.7	-5216.6	4427	9.5	111224.7	-5220.2	4517	9.1	111723.0	-5242.8
4338	10.3	110723.2	-5245.0	4428	10.0	111226.2	-5231.9	4518	9.5	111733.5	-5230.9
4339	10.2	110723.7	-5210.0	4429	9.5	111228.2	-5226.8	4519	9.9	111739.0	-5249.7
4340	8.4	110733.7	-5208.8	4430	9.4	111228.7	-5206.4	4520	9.8	111740.5	-5210.2
4341	9.8	110735.2	-5210.6	4431	9.6	111229.7	-5245.9	4521	9.9	111745.5	-5202.7
4342	10.3	110740.6	-5236.9	4432	10.3	111231.2	-5209.6	4522	9.4	111748.0	-5238.1
4343	9.8	110740.7	-5226.8	4433	10.0	111232.2	-5221.9	4523	9.9	111748.3	-5244.1
4344	9.1	110741.7	-5237.2	4434	9.2	111239.7	-5222.1	4524	8.7	111749.0	-5230.0
4345	9.8	110742.7	-5236.3	4435	10.0	111243.7	-5212.2	4525	8.7	111754.5	-5230.8
4346	10.3	110743.7	-5258.0	4436	9.8	111246.7	-5218.6	4526	8.1	111804.0	-5209.4
4347	10.0	110745.7	-5233.9	4437	10.2	111251.2	-5208.3	4527	9.9	111810.0	-5224.5
4348	10.3	110757.7	-5218.5	4438	10.3	111251.7	-5247.7	4528	9.5	111814.0	-5200.8
4349	10.2	110800.7	-5221.9	4439	10.0	111256.2	-5215.3	4529	9.9	111816.3	-5241.3
4350	7.6	110801.2	-5233.1	4440	9.2	111300.1	-5200.6	4530	9.8	111817.5	-5215.3
4351	9.8	110801.2	-5227.2	4441	10.0	111300.8	-5218.6	4531	9.6	111819.5	-5231.8
4352	10.2	110802.9	-5200.4	4442	10.0	111301.2	-5237.9	4532	9.7	111821.5	-5215.1
4353	10.3	110808.8	-5203.7	4443	9.8	111310.4	-5202.1	4533	9.6	111823.0	-5204.6
4354	10.2	110810.7	-5215.5	4444	9.6	111310.7	-5234.9	4534	9.9	111823.0	-5244.9
4355	7.6	110812.2	-5210.5	4445	10.0	111311.7	-5218.1	4535	9.9	111826.0	-5250.6
4356	10.0	110814.7	-5211.6	4446	10.2	111319.7	-5228.6	4536	9.5	111829.5	-5233.0
4357	9.3	110819.7	-5237.0	4447	9.4	111328.7	-5203.9	4537	9.2	111837.0	-5203.6
4358	10.3	110821.2	-5253.7	4448	10.2	111329.2	-5228.8	4538	9.5	111839.0	-5255.7
4359	10.0	110821.2	-5222.4	4449	10.0	111329.7	-5216.4	4539	9.5	111851.0	-5202.9
4360	9.1	110825.7	-5206.4	4450	9.6	111337.2	-5220.9	4540	9.7	111851.5	-5241.2
4361	9.3	110828.2	-5240.2	4451	9.4	111340.7	-5207.9	4541	9.9	111855.0	-5240.1
4362	9.5	110830.7	-5244.5	4452	9.8	111340.7	-5225.5	4542	9.5	111857.5	-5247.1
4363	10.0	110831.2	-5224.7	4453	10.0	111340.7	-5252.1	4543	8.2	111857.5	-5223.3
4364	9.8	110838.2	-5236.4	4454	10.0	111341.2	-5210.8	4544	9.5	111910.0	-5244.4
4365	9.5	110839.7	-5250.9	4455	10.0	111346.9	-5201.0	4545	9.9	111910.8	-5201.5
4366	10.2	110841.2	-5215.7	4456	9.4	111348.2	-5206.3	4546	8.6	111916.5	-5220.0
4367	10.2	110844.8	-5244.0	4457	9.0	111349.7	-5203.9	4547	9.2	111923.5	-5215.7
4368	10.3	110845.7	-5240.3	4458	10.0	111353.2	-5218.8	4548	9.4	111925.0	-5230.9
4369	10.3	110852.2	-5243.9	4459	10.0	111355.7	-5219.9	4549	9.7	111930.5	-5230.1
4370	10.2	110855.7	-5245.2	4460	9.8	111401.2	-5250.5	4550	9.2	111938.5	-5242.3
4371	9.8	110900.7	-5205.2	4461	10.2	111402.2	-5247.5	4551	9.8	111939.0	-5218.9
4372	9.8	110900.7	-5207.5	4462	10.2	111402.7	-5209.0	4552	9.9	111939.3	-5204.4
4373	9.8	110900.7	-5251.5	4463	10.0	111403.2	-5223.1	4553	9.5	111948.0	-5253.5
4374	10.3	110901.2	-5221.8	4464	9.3	111403.7	-5221.9	4554	8.1	111952.5	-5253.1
4375	10.3	110901.4	-5201.0	4465	9.4	111408.2	-5207.9	4555	9.4	111953.0	-5249.1
4376	8.4	110901.7	-5251.0	4466	7.8	111408.2	-5247.5	4556	9.7	111953.6	-5259.4
4377	9.5	110907.7	-5240.1	4467	10.3	111408.8	-5205.4	4557	9.7	112007.8	-5255.2
4378	10.3	110908.2	-5259.0	4468	10.2	111420.7	-5234.4	4558	9.9	112017.8	-5235.8
4379	10.2	110911.7	-5244.5	4469	10.0	111425.7	-5232.1	4559	9.7	112018.8	-5214.4
4380	9.4	110914.2	-5225.9	4470	10.3	111430.9	-5205.2	4560	9.8	112020.8	-5205.8
4381	9.6	110920.7	-5256.0	4471	10.3	111431.2	-5237.8	4561	9.7	112023.3	-5215.5
4382	9.6	110920.9	-5200.4	4472	10.0	111434.2	-5232.4	4562	9.9	112024.8	-5258.5
4383	10.0	110923.2	-5216.2	4473	7.7	111434.7	-5257.6	4563	9.9	112028.0	-5233.0
4384	9.6	110927.7	-5214.8	4474	10.0	111437.7	-5201.1	4564	9.9	112042.8	-5212.1
4385	9.8	110938.7	-5233.5	4475	10.0	111438.5	-5242.1	4565	9.7	112054.8	-5254.3
4386	9.4	110942.2	-5211.6	4476	9.8	111441.8	-5206.3	4566	9.9	112055.3	-5202.3
4387	8.6	110945.7	-5207.9	4477	10.2	111443.7	-5206.8	4567	7.4	112059.3	-5228.3
4388	9.2	110959.7	-5222.8	4478	10.3	111445.1	-5202.1	4568	9.9	112101.3	-5229.1
4389	10.3	111000.7	-5216.1	4479	9.8	111447.2	-5241.0	4569	9.8	112102.0	-5215.3
4390	9.8	111002.2	-5216.2	4480	9.8	111449.0	-5205.6	4570	9.7	112108.3	-5208.3
4391	10.3	111004.7	-5219.4	4481	9.6	111449.8	-5200.5	4571	9.6	112108.8	-5236.8
4392	9.3	111007.7	-5216.9	4482	10.2	111456.2	-5208.8	4572	9.9	112111.0	-5233.2
4393	10.0	111013.7	-5214.0	4483	9.6	111456.3	-5228.8	4573	9.4	112112.3	-5218.7
4394	9.8	111016.2	-5249.2	4484	10.0	111459.3	-5227.6	4574	9.7	112115.3	-5213.7
4395	10.3	111024.2	-5219.0	4485	10.0	111509.3	-5255.4	4575	9.9	112122.5	-5201.7
4396	10.0	111026.7	-5212.8	4486	10.2	111511.5	-5256.4	4576	9.9	112134.3	-5208.5
4397	9.8	111027.7	-5215.8	4487	10.3	111520.0	-5258.7	4577	9.3	112140.8	-5252.9
4398	10.3	111033.7	-5227.0	4488	10.2	111520.7	-5235.1	4578	9.6	112143.8	-5212.8
4399	8.6	111034.2	-5210.7	4489	10.3	111520.7	-5222.9	4579	9.0	112150.3	-5235.5
4400	9.8	111050.7	-5252.1	4490	9.6	111523.7	-5224.1	4580	9.0	112151.8	-5208.9
4401	10.3	111051.2	-5249.7	4491	9.6	111528.3	-5235.6	4581	9.9	112156.3	-5227.3
4402	10.0	111058.7	-5207.6	4492	9.9	111536.3	-5220.3	4582	9.7	112156.3	-5238.9
4403	10.3	111106.7	-5215.9	4493	9.8	111547.8	-5247.7	4583	9.4	112200.3	-5212.5
4404	10.0	111110.2	-5222.3	4494	9.9	111555.8	-5251.7	4584	9.9	112205.8	-5233.9
4405	8.6	111110.7	-5249.2	4495	8.8	111601.3	-5215.0	4585	9.6	112207.3	-5241.3
4406	10.2	111114.2	-5205.0	4496	9.9	111601.5	-5236.7	4586	9.7	112208.7	-5202.1
4407	10.0	111118.7	-5223.0	4497	9.9	111605.5	-5214.0	4587	8.4	112208.8	-5225.7
4408	8.0	111132.2	-5225.4	4498	9.9	111606.3	-5220.4	4588	9.9	112211.3	-5209.9
4409	9.8	111132.7	-5211.8	4499	9.9	111606.5	-5210.8	4589	9.7	112212.7	-5259.1
4410	10.0	111138.2	-5222.6	4500	9.9	111607.8	-5250.8	4590	9.4	112218.8	-5214.7
4411	9.8	111138.2	-5207.1	4501	9.9	111612.3	-5206.0	4591	9.7	112220.8	-5246.1

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4592	9.7	112227.8	-5219.7	4682	9.6	112724.7	-5210.0	4772	9.7	113221.2	-5235.1
4593	9.8	112228.8	-5213.1	4683	9.6	112735.6	-5259.0	4773	9.0	113802.7	-5226.9
4594	9.9	112231.8	-5224.5	4684	9.7	112736.0	-5248.8	4774	9.5	113805.2	-5213.1
4595	9.5	112235.3	-5224.7	4685	9.4	112738.7	-5243.6	4775	9.7	113806.7	-5245.9
4596	9.2	112240.8	-5228.9	4686	9.4	112740.2	-5220.9	4776	9.2	113806.7	-5247.0
4597	9.2	112243.8	-5233.4	4687	9.7	112740.7	-5256.9	4777	9.4	113815.2	-5214.9
4598	9.4	112246.8	-5246.5	4688	9.2	112745.7	-5240.9	4778	9.6	113817.7	-5238.9
4599	8.9	112248.0	-5242.5	4689	9.9	112747.7	-5237.5	4779	9.7	113818.2	-5248.9
4600	9.7	112309.0	-5206.9	4690	9.6	112747.7	-5233.1	4780	9.9	113820.7	-5257.7
4601	9.1	112318.0	-5239.5	4691	8.6	112754.2	-5238.7	4781	9.7	113826.7	-5227.1
4602	9.7	112323.0	-5224.1								
4603	9.9	112325.0	-5217.7								
4604	8.0	112342.0	-5256.1								
4605	9.9	112343.0	-5203.5								
4606	9.6	112344.0	-5248.1								
4607	9.0	112357.0	-5200.7								
4608	9.4	112357.0	-5256.3								
4609	9.9	112359.0	-5207.1								
4610	9.9	112359.5	-5219.6								
4611	9.6	112401.0	-5245.9								
4612	9.9	112411.0	-5231.9								
4613	9.9	112412.5	-5224.3								
4614	9.8	112417.5	-5237.5								
4615	9.1	112417.5	-5248.9								
4616	9.6	112419.0	-5251.7								
4617	9.6	112419.2	-5258.1								
4618	9.3	112420.5	-5243.1								
4619	9.9	112421.0	-5205.9								
4620	9.5	112426.5	-5204.9								
4621	8.9	112438.5	-5233.9								
4622	9.8	112440.5	-5215.1								
4623	9.9	112443.0	-5242.5								
4624	9.1	112445.0	-5237.0								
4625	9.4	112449.5	-5230.6								
4626	9.7	112454.0	-5251.8								
4627	9.8	112457.5	-5257.1								
4628	9.4	112459.0	-5203.7								
4629	9.7	112510.5	-5233.3								
4630	9.9	112511.0	-5244.9								
4631	9.5	112511.0	-5223.9								
4632	9.6	112511.0	-5242.9								
4633	9.5	112519.0	-5223.5								
4634	9.6	112526.0	-5248.0								
4635	9.9	112529.5	-5227.9								
4636	9.4	112538.5	-5234.4								
4637	9.9	112540.5	-5228.9								
4638	9.8	112549.0	-5224.9								
4639	9.4	112549.5	-5236.7								
4640	9.5	112551.0	-5207.7								
4641	9.7	112559.0	-5242.8								
4642	9.8	112604.2	-5214.8								
4643	9.5	112615.7	-5208.5								
4644	9.4	112621.7	-5207.1								
4645	9.8	112623.2	-5243.5								
4646	9.8	112623.7	-5224.3								
4647	9.5	112626.7	-5219.5								
4648	9.6	112630.7	-5218.9								
4649	9.4	112631.5	-5200.6								
4650	9.9	112639.7	-5251.9								
4651	9.5	112649.7	-5217.1								
4652	9.9	112650.7	-5203.3								
4653	9.7	112655.2	-5209.7								
4654	9.5	112659.7	-5246.9								
4655	9.5	112703.7	-5251.1								
4656	9.9	112709.0	-5238.5								
4657	9.2	112718.7	-5201.7								
4658	9.4	112718.7	-5239.0								
4659	9.9	112719.7	-5229.0								
4660	9.9	112722.2	-5224.5								
4661	9.9	112724.2	-5241.9								

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4685 9.8 112852.2 -5251.3	4775 9.6 113450.9 -5259.2	4865 9.6 114104.9 -5208.2	4955 9.4 114612.3 -5259.8
4686 9.7 112900.7 -5245.8	4776 9.9 113454.9 -5203.1	4866 9.7 114104.9 -5207.2	4956 9.7 114614.6 -5230.0
4687 9.1 112902.5 -5205.1	4777 9.7 113459.4 -5233.7	4867 9.7 114111.9 -5258.4	4957 9.7 114617.6 -5239.1
4688 9.4 112903.0 -5248.5	4778 9.5 113500.4 -5237.1	4868 8.2 114112.9 -5257.6	4958 10.0 114619.6 -5245.5
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4693 9.8 112917.0 -5240.8	4783 9.9 113531.4 -5213.1	4873 9.5 114130.4 -5213.6	4963 10.1 114623.7 -5222.5
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4695 9.6 112923.5 -5247.2	4785 9.5 113547.4 -5252.5	4875 9.2 114133.9 -5253.1	4965 9.9 114628.1 -5246.6
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4717 9.6 113121.0 -5205.3	4807 9.2 113716.1 -5218.6	4897 9.6 114326.0 -5204.2	4987 10.0 114755.1 -5201.0
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4720 9.9 113130.5 -5206.3	4810 9.6 113721.6 -5215.3	4900 9.0 114332.6 -5223.1	4990 10.1 114758.7 -5234.5
4721 9.7 113131.0 -5230.1	4811 9.4 113722.1 -5241.6	4901 9.9 114335.1 -5223.9	4991 9.2 114759.7 -5253.0
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4731 9.9 113217.7 -5255.1	4821 8.7 113804.7 -5258.6	4911 9.4 114408.1 -5217.3	5001 9.7 114818.7 -5227.9
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4749 9.9 113317.7 -5209.4	4839 9.5 113908.1 -5213.7	4929 9.8 114451.7 -5221.2	5019 9.8 114916.7 -5256.1
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4768 9.9 113427.9 -5231.0	4858 9.5 114033.4 -5236.9	4948 9.9 114539.6 -5255.5	5038 9.9 115030.8 -5221.7
4769 9.8 113427.9 -5234.7	4859 8.8 114034.4 -5227.9	4949 8.9 114540.9 -5245.7	5039 9.4 115031.3 -5234.3
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4771 9.4 113433.4 -5205.5	4861 9.4 114057.9 -5255.9	4951 9.6 114553.1 -5207.5	5041 8.9 115033.3 -5248.7

-52 5041 11h50m

-52 5042 11h50m

-52 5401 12h09m

5042 10.0 115039.8 -5214.8	5132 10.0 115410.9 -5231.5	5222 9.8 120001.6 -5241.5	5312 9.3 120449.4 -5248.8
5043 9.8 115040.3 -5225.0	5133 9.8 115413.4 -5211.6	5223 9.6 120005.6 -5212.3	5313 9.6 120455.9 -5202.5
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5087 10.0 115234.8 -5203.8	5177 10.0 115708.5 -5209.1	5267 10.1 120224.3 -5254.5	5357 9.8 120705.5 -5220.5
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5101 10.0 115310.7 -5238.4	5191 9.8 115811.5 -5246.5	5281 8.9 120300.3 -5238.3	5371 10.0 120738.3 -5202.0
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-52 5402 12h09m

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5431 9.5 121035.6 -5214.4	5521 9.8 121511.5 -5243.9	5611 10.2 122102.1 -5232.2	5701 10.3 122830.1 -5238.2
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-52 5762 12h32m

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-52 6121 12h55m

-52 6122 12h55m

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6199 8.6 130030.0 -5202.3	6289 9.4 130507.2 -5220.7	6379 8.3 131130.7 -5225.1	6469 10.0 131700.1 -5201.4
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-52 6481 13h18m

-52 6482 13h18m

6482 9.6 131808.9 -5220.6	6572 9.3 132610.3 -5223.3	6662 9.8 133229.3 -5203.3	6752 10.2 134029.6 -5206.0
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6497 9.8 131908.9 -5212.4	6587 9.6 132639.8 -5232.3	6677 9.6 133324.3 -5255.9	6767 10.0 134118.1 -5223.6
6498 10.0 131914.4 -5249.1	6588 10.2 132659.3 -5209.8	6678 9.2 133334.1 -5251.9	6768 10.0 134121.6 -5203.0
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6503 9.3 131944.9 -5209.6	6593 10.2 132802.8 -5257.3	6683 9.6 133401.1 -5206.0	6773 10.2 134212.6 -5246.8
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6506 9.6 132003.4 -5253.8	6596 9.4 132817.3 -5200.9	6686 10.0 133414.1 -5251.9	6776 9.4 134254.6 -5235.3
6507 9.3 132018.9 -5251.8	6597 7.8 132819.3 -5204.4	6687 10.2 133423.6 -5249.1	6777 9.1 134259.6 -5236.4
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6571 10.2 132608.8 -5232.0	6661 9.0 133219.3 -5239.8	6751 9.6 134028.6 -5247.0	6841 10.1 134745.8 -5224.8

-52 6841 13h47m

-52 6842 13h47m

-52 7201 14h15m

6842	9.0	134748.0	-5238.1	6932	8.8	135349.9	-5224.0	7022	10.2	140112.6	-5258.4
6843	10.2	134752.0	-5241.9	6933	9.2	135349.9	-5225.0	7023	10.2	140114.1	-5216.6
6844	10.2	134754.0	-5241.4	6934	9.7	135353.4	-5203.9	7024	9.0	140114.1	-5236.4
6845	10.2	134754.5	-5209.9	6935	9.7	135355.9	-5222.8	7025	10.2	140125.7	-5256.0
6846	10.2	134800.0	-5213.0	6936	10.2	135411.7	-5219.3	7026	10.0	140127.7	-5220.4
6847	10.2	134800.5	-5200.0	6937	8.6	135419.9	-5207.9	7027	10.0	140132.2	-5256.9
6848	10.2	134804.0	-5246.0	6938	10.1	135420.9	-5215.6	7028	6.9	140135.7	-5250.5
6849	10.2	134804.5	-5246.2	6939	9.0	135423.0	-5202.3	7029	9.9	140149.7	-5221.1
6850	9.8	134808.5	-5237.1	6940	10.1	135431.4	-5209.2	7030	10.2	140150.2	-5205.9
6851	10.2	134812.0	-5253.4	6941	10.1	135437.9	-5251.2	7031	9.6	140150.7	-5214.3
6852	9.2	134818.0	-5225.2	6942	9.6	135439.0	-5202.8	7032	8.4	140157.2	-5217.3
6853	9.8	134825.1	-5217.5	6943	8.9	135440.4	-5207.0	7033	10.0	140159.2	-5201.8
6854	10.0	134826.5	-5202.9	6944	9.7	135442.4	-5219.9	7034	10.1	140159.7	-5256.1
6855	9.6	134829.8	-5258.4	6945	10.0	135446.4	-5224.2	7035	10.2	140204.7	-5229.1
6856	9.4	134830.1	-5215.5	6946	9.1	135447.4	-5209.1	7036	9.1	140208.2	-5239.5
6857	9.7	134839.6	-5246.1	6947	9.2	135500.4	-5202.9	7037	10.0	140208.2	-5254.1
6858	9.7	134841.6	-5249.3	6948	9.0	135504.4	-5239.0	7038	10.2	140214.2	-5244.9
6859	10.0	134853.6	-5230.4	6949	10.1	135505.9	-5237.0	7039	9.6	140215.7	-5211.6
6860	10.1	134855.6	-5249.1	6950	9.3	135506.9	-5216.3	7040	10.2	140219.2	-5221.6
6861	9.8	134856.6	-5246.7	6951	9.6	135517.4	-5214.5	7041	10.2	140224.7	-5219.9
6862	9.8	134857.6	-5247.0	6952	9.8	135518.9	-5220.6	7042	8.8	140233.2	-5200.8
6863	8.7	134907.6	-5218.6	6953	9.7	135519.4	-5233.7	7043	9.8	140239.7	-5210.6
6864	9.8	134923.6	-5257.0	6954	9.8	135519.9	-5208.2	7044	9.6	140240.7	-5255.5
6865	9.1	134930.6	-5208.5	6955	10.2	135520.4	-5241.9	7045	10.2	140257.2	-5245.3
6866	10.0	134931.6	-5208.8	6956	9.8	135520.9	-5230.1	7046	10.2	140259.7	-5212.5
6867	9.2	134934.1	-5212.7	6957	10.2	135526.4	-5209.2	7047	9.8	140302.2	-5240.1
6868	9.2	134941.1	-5247.4	6958	10.2	135529.9	-5228.5	7048	10.0	140308.2	-5258.2
6869	10.2	134942.6	-5255.2	6959	10.2	135537.4	-5208.7	7049	10.1	140314.5	-5230.9
6870	9.8	134942.6	-5209.6	6960	9.0	135555.0	-5209.6	7050	9.6	140315.7	-5253.4
6871	9.8	134942.6	-5208.1	6961	9.2	135557.0	-5211.3	7051	10.2	140338.2	-5241.1
6872	10.2	134945.1	-5209.1	6962	9.2	135603.5	-5252.2	7052	9.4	140339.2	-5244.5
6873	9.6	134950.6	-5246.7	6963	10.2	135608.0	-5216.5	7053	9.7	140355.3	-5223.8
6874	9.6	134951.6	-5248.6	6964	9.9	135609.5	-5209.6	7054	10.2	140357.3	-5208.0
6875	8.6	134951.6	-5235.5	6965	9.8	135610.0	-5235.5	7055	10.0	140409.7	-5212.1
6876	8.2	134953.8	-5203.1	6966	9.9	135617.0	-5205.7	7056	10.2	140412.7	-5259.9
6877	9.4	134956.6	-5219.8	6967	9.6	135618.0	-5257.1	7057	10.2	140426.7	-5215.0
6878	9.8	135003.1	-5256.4	6968	10.2	135621.5	-5257.3	7058	10.2	140429.4	-5202.6
6879	9.0	135026.1	-5251.2	6969	8.9	135622.5	-5233.2	7059	9.6	140430.2	-5204.8
6880	9.6	135031.6	-5240.0	6970	10.0	135623.5	-5255.6	7060	9.6	140436.7	-5246.4
6881	9.1	135033.1	-5221.0	6971	9.0	135627.0	-5237.8	7061	10.2	140440.2	-5221.0
6882	8.4	135035.6	-5212.8	6972	9.1	135635.0	-5218.0	7062	9.4	140440.2	-5250.9
6883	9.6	135040.1	-5244.9	6973	9.9	135640.5	-5259.9	7063	10.1	140447.2	-5203.1
6884	10.1	135041.1	-5210.5	6974	9.7	135647.5	-5208.3	7064	9.1	140449.2	-5228.0
6885	10.2	135041.3	-5227.3	6975	9.7	135648.0	-5212.2	7065	9.9	140453.2	-5206.5
6886	9.7	135046.3	-5235.3	6976	9.4	135649.0	-5207.8	7066	9.6	140459.2	-5231.6
6887	9.4	135046.3	-5248.3	6977	10.0	135651.0	-5218.1	7067	9.6	140500.7	-5256.3
6888	10.1	135055.5	-5212.1	6978	10.0	135652.5	-5225.9	7068	10.2	140507.2	-5257.7
6889	9.1	135055.8	-5215.7	6979	9.2	135700.0	-5240.8	7069	8.8	140510.0	-5203.1
6890	9.9	135056.3	-5237.9	6980	10.2	135700.5	-5223.1	7070	10.2	140514.2	-5252.3
6891	9.8	135106.3	-5232.5	6981	8.7	135707.0	-5238.4	7071	10.2	140521.7	-5204.9
6892	10.2	135106.5	-5212.1	6982	9.9	135709.5	-5259.3	7072	10.0	140528.7	-5239.3
6893	9.8	135111.3	-5253.1	6983	10.2	135720.8	-5202.1	7073	10.1	140528.7	-5208.9
6894	9.0	135115.3	-5256.1	6984	9.8	135728.5	-5256.4	7074	10.0	140532.2	-5219.6
6895	10.2	135116.8	-5235.1	6985	9.9	135732.0	-5205.0	7075	10.2	140535.0	-5202.9
6896	9.8	135122.3	-5246.1	6986	9.8	135735.5	-5226.0	7076	10.0	140550.7	-5229.9
6897	9.2	135126.8	-5237.2	6987	10.0	135739.0	-5205.0	7077	9.8	140552.2	-5216.6
6898	10.0	135128.3	-5245.0	6988	8.9	135748.0	-5236.6	7078	10.0	140612.7	-5246.9
6899	9.9	135137.8	-5257.3	6989	9.8	135750.3	-5201.0	7079	10.2	140618.7	-5231.3
6900	10.2	135143.3	-5252.8	6990	8.6	135800.5	-5224.6	7080	9.2	140619.2	-5229.1
6901	9.6	135151.8	-5204.0	6991	9.7	135822.6	-5201.1	7081	9.6	140620.2	-5245.9
6902	10.2	135202.3	-5226.0	6992	10.2	135830.0	-5256.1	7082	10.2	140620.2	-5229.7
6903	9.9	135216.8	-5243.8	6993	10.2	135830.0	-5247.1	7083	9.6	140622.2	-5237.7
6904	9.9	135216.8	-5217.2	6994	8.4	135832.6	-5237.7	7084	10.1	140629.2	-5222.2
6905	10.0	135220.3	-5206.0	6995	9.8	135836.6	-5230.9	7085	9.8	140630.2	-5232.9
6906	10.2	135222.8	-5235.7	6996	9.8	135843.1	-5212.3	7086	10.2	140650.7	-5243.4
6907	9.9	135223.8	-5228.8	6997	10.0	135843.6	-5258.5	7087	7.5	140656.7	-5255.5
6908	10.0	135224.3	-5233.0	6998	10.0	135850.6	-5217.3	7088	9.9	140700.2	-5216.8
6909	10.0	135237.8	-5232.6	6999	9.8	135904.6	-5214.9	7089	8.4	140709.2	-5246.3
6910	10.2	135240.3	-5232.4	7000	10.2	135905.6	-5211.1	7090	8.8	140716.2	-5222.9
6911	9.9	135246.3	-5220.2	7001	7.8	135908.6	-5255.5	7091	9.0	140724.2	-5208.8
6912	8.8	135247.3	-5249.9	7002	10.2	135911.6	-5240.7	7092	10.2	140730.1	-5202.2
6913	9.2	135253.8	-5228.0	7003	9.9	135912.1	-5228.1	7093	9.6	140730.8	-5201.7
6914	9.8	135257.3	-5245.5	7004	9.8	135923.1	-5211.0	7094	9.6	140737.7	-5211.8
6915	9.2	135258.3	-5213.7	7005	9.4	135931.4	-5258.6	7095	9.6	140740.2	-5239.1
6916	10.2	135259.3	-5239.9	7006	9.6	135936.1	-5249.7	7096	10.1	140742.2	-5238.7
6917	10.2	135305.8	-5257.8	7007	10.2	135937.6	-5203.1	7097	10.1	140745.2	-5259.9
6918	10.0	135306.8	-5208.0	7008	9.6	135949.6	-5226.8	7098	9.8	140746.2	-5240.6
6919	10.0	135307.4	-5214.8	7009	9.4	135951.6	-5233.8	7099	10.2	140750.2	-5200.3
6920	9.6	135310.4	-5218.9	7010	9.4	140006.6	-5231.1	7100	10.2	140751.2	-5224.7
6921	10.1	135310.7	-5246.9	7011	9.7	140007.1	-5252.7	7101	10.0	140752.7	-5209.3
6922	10.0	135310.9	-5242.7	7012	10.2	140008.1	-5205.2	7102	9.2	140753.2	-5225.7
6923	10.2	135317.9	-5237.6	7013	9.7	140008.6	-5216.7	7103	9.0	140756.2	-5250.4
6924	10.1	135318.4	-5237.9	7014	10.0	140027.1	-5257.2	7104	8.4	140757.7	-5244.5
6925	10.1	135326.9	-5251.1	7015	10.1	140034.1	-5211.9	7105	9.2	140759.8	-5257.1
6926	10.0	135332.9	-5253.1	7016	10.1	140039.6	-5219.5	7106	10.2	140800.2	-5205.9
6927	9.8	135343.4	-5205.7	7017	9.8	140046.6	-5226.7	7107	9.9	140809.0	-5202.1
6928	10.0	135344.5	-5200.7	7018	10.2	140100.7	-5218.4	7108	9.7	140810.2	-5212.7
6929	10.0	135345.9	-5216.6	7019	10.0	140108.1	-5221.1	7109	10.2	140840.2	-5246.3
6930	9.2	135346.2	-5202.4	7020	10.1	140109.6	-5220.1	7110	10.2	140850.2	-5245.9
6931	9.7	135349.9	-5226.9	7021	10.0	140111.1	-5221.9	7111	10.0	140850.7	-5232.3
7112	10.0	140857.7	-5258.1								
7113	10.2	140905.2	-5246.9								
7114	10.2	140909.7	-5245.3								
7115	10.1	140913.7	-5252.0								
7116	10.0	140918.7	-5254.7								
7117	10.2	140919.2	-5242.1								
7118	10.0	140922.7	-5236.2								
7119	9.6	140930.2	-5211.5								
7120	8.4	140930.3	-5201.0								
7121	9.0	140933.7	-5241.3								
7122	9.6	140943.7	-5226.9								
7123	9.0	140958.7	-5247.9								
7124	8.6	141000.7	-5220.5								
7125	10.1	141001.7	-5236.3								
7126	10.1	141004.2	-5212.1								
7127	10.2	141007.7	-5246.5								
7128	9.7	141009.2	-5223.9								
7129	9.8	141010.2	-5220.0								
7130	9.7	141010.7	-5218.3								
7131	9.8	141015.2	-5225.1								
7132	9.9	141025.7	-5241.9								
7133	10.2	141027.2	-5258.5								
7134	10.2	141028.7	-5258.1								
7135	10.2	141031.2	-5220.0								
7136	9.7	141039.7	-5244.7								
7137	10.2	141042.6	-5204.8								
7138	10.2	141044.7	-5226.8								
7139	10.1	141050.2	-5235.7								
7140	10.2	141053.7	-5254.3								
7141	10.2	141053.7	-5214.3								
7142	10.2	141055.2	-5230.1								
7143	9.9	141107.7	-5257.5								
7144	9.6	141109.2	-5256.5								
7145	10.0	141117.2	-5204.1								
7146	10.2	141121.2	-5247.5								
7147	9.6	141123.7	-5255.2								
7148	8.7	141125.2	-5249.5								
7149	9.1	141131.7	-5234.0								
7150	8.7	141148.7	-5259.4								
7151	9.6	141204.7	-5204.9								
7152	8.4	141205.2	-5227.7								
7153	10.2	141210.2	-5203.9								
7154	9.6	141217.7	-5221.1								
7155	9.4	141233.2	-5216.1								
7156	9.7	141239.7	-5246.1								
7157	10.0	141240.7	-5215.2								
7158	10.2	141240.7	-5219.9								
7159	10.2	141244.2	-5251.5								
7160	9.6	141246.7	-5240.5								
7161	9.8	141254.2	-5204.4								
7162	9.9	141257.7	-5219.1								
7163	9.6	141257.7	-5226.9								
7164	8.3	141307.2	-5217.4								
7165	8.4	141309.2	-5206.5								
7166	9.4	141312.2	-5233.9								
7167	9.8	141312.2	-5239.6								
7168	9.4	141313.2	-5250.1								
7169	9.6	141319.2	-5256.9								
7170	9.8	141319.7	-5240.3								
7171	9.8	141322.2	-5254.7								
7172	10.0	141323.2	-5244.5								
7173	8.4	141323.2	-5231.7								
7174	8.5	141326.7	-5225.3								
7175	9.6	141328.7	-5240.0								
7176	9.6	141329.2	-5206.1								
7177	10.2	141342.7	-5222.9								
7178	9.4	141353.8	-5248.8								
7179	9.6	141401.8	-5212.3								
7180	10.2	141402.3	-5207.2								
7181	10.2	141409.3	-5221.9								
7182	9.8	141411.3	-5211.8								
7183	9.2	141413.8	-5212.8								
7184	10.2	141416.3	-5201.5								
7185	9.1	141419.6	-5245.4								
7186	10.0	141422.1	-5254.9								
7187	9.8	141428.3	-5253.2								
7188	9.9	141431.4	-5222.0								
7189	9.6	141443.0	-5225.6								
7190	8.4	141455.4	-5212.6								
7191	9.6	141502.9	-5208.8								
7192	9.6	141507.1	-5214.4								
7193	10.3	141512.4	-5254.0								
7194	10.3	141518.1	-5229.8								
7195	7.3	141519.4	-5236.3								
7196	10.2	141529.1	-5232.7								
7197	10.2	141529.9	-5254.0								
7198	10.2	141530.9	-5240.6								
7199	10.0	141538.9	-5257.0								
7200	10.3	141543.2	-5221.2								
7201	9.6	141547.9	-5235.4								

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7202	9.6	141549.9	-5245.6	7292	9.8	142420.2	-5205.4	7382	10.3	143015.7	-5243.6	7472	9.3	143637.2	-5228.1
7203	9.6	141600.9	-5230.6	7293	9.8	142423.2	-5220.1	7383	9.8	143016.7	-5232.7	7473	10.2	143650.2	-5247.1
7204	10.2	141601.4	-5215.6	7294	10.0	142425.2	-5236.3	7384	10.2	143019.7	-5257.4	7474	10.0	143650.2	-5229.3
7205	9.8	141605.9	-5242.9	7295	9.0	142431.2	-5239.2	7385	9.8	143022.2	-5206.2	7475	10.3	143651.2	-5231.9
7206	10.0	141608.4	-5216.8	7296	9.8	142434.2	-5220.4	7386	10.0	143029.7	-5259.0	7476	9.6	143654.2	-5247.5
7207	9.5	141620.9	-5214.8	7297	10.2	142448.7	-5257.1	7387	9.8	143038.7	-5238.7	7477	10.3	143655.2	-5252.2
7208	9.6	141621.4	-5214.0	7298	9.9	142449.7	-5245.3	7388	8.1	143045.2	-5212.5	7478	10.2	143659.7	-5233.1
7209	10.3	141630.9	-5245.4	7299	9.3	142453.2	-5202.0	7389	9.8	143100.7	-5227.3	7479	10.3	143703.2	-5246.0
7210	10.3	141642.4	-5207.0	7300	9.8	142454.2	-5225.3	7390	10.2	143104.7	-5248.3	7480	10.0	143704.7	-5245.4
7211	10.2	141644.9	-5251.9	7301	7.1	142454.7	-5207.6	7391	9.6	143105.2	-5240.1	7481	9.6	143716.7	-5249.0
7212	8.5	141656.9	-5253.8	7302	10.2	142501.2	-5220.7	7392	9.3	143110.7	-5254.8	7482	9.8	143720.2	-5255.2
7213	7.7	141710.9	-5253.2	7303	9.8	142502.0	-5200.1	7393	7.9	143114.7	-5227.5	7483	9.5	143728.2	-5246.8
7214	10.0	141710.9	-5233.8	7304	10.2	142510.2	-5236.7	7394	9.8	143118.2	-5252.7	7484	10.2	143732.2	-5238.7
7215	9.2	141714.4	-5248.9	7305	9.6	142511.1	-5259.6	7395	9.6	143119.7	-5222.0	7485	10.3	143733.7	-5228.1
7216	10.0	141714.9	-5235.0	7306	10.3	142515.2	-5223.7	7396	10.2	143120.2	-5219.8	7486	10.3	143737.2	-5217.6
7217	9.3	141714.9	-5235.9	7307	9.8	142520.2	-5238.3	7397	10.0	143122.2	-5204.2	7487	10.3	143738.7	-5228.6
7218	9.1	141722.9	-5245.6	7308	9.6	142524.2	-5253.5	7398	10.2	143123.2	-5209.6	7488	10.2	143743.2	-5257.9
7219	10.3	141724.9	-5252.2	7309	9.8	142531.2	-5238.8	7399	10.3	143123.2	-5231.7	7489	9.5	143745.7	-5227.1
7220	10.2	141732.4	-5248.8	7310	9.6	142543.2	-5223.2	7400	9.4	143127.2	-5210.5	7490	10.0	143751.2	-5234.8
7221	10.3	141735.4	-5208.8	7311	10.2	142547.2	-5233.9	7401	9.8	143127.7	-5238.5	7491	9.3	143753.2	-5239.9
7222	10.2	141735.4	-5245.6	7312	10.3	142558.2	-5235.2	7402	10.0	143128.2	-5245.1	7492	9.2	143806.7	-5240.5
7223	9.1	141736.9	-5245.3	7313	10.2	142600.0	-5201.6	7403	10.3	143139.2	-5246.3	7493	10.2	143808.7	-5200.8
7224	10.3	141739.9	-5222.0	7314	9.3	142601.2	-5255.1	7404	10.3	143150.2	-5247.7	7494	10.3	143809.7	-5259.1
7225	10.3	141807.4	-5255.3	7315	9.9	142602.7	-5235.3	7405	9.8	143153.7	-5210.1	7495	10.3	143818.2	-5210.6
7226	10.2	141813.9	-5232.2	7316	10.3	142609.2	-5221.2	7406	9.9	143154.7	-5259.9	7496	10.3	143819.7	-5239.7
7227	10.0	141817.2	-5231.0	7317	8.8	142616.2	-5241.7	7407	8.2	143201.7	-5225.3	7497	9.5	143823.2	-5222.5
7228	10.2	141824.2	-5250.1	7318	8.6	142619.7	-5238.9	7408	9.2	143202.2	-5246.2	7498	8.9	143833.2	-5224.7
7229	9.8	141825.2	-5216.1	7319	9.6	142619.7	-5208.2	7409	10.3	143205.2	-5231.3	7499	8.7	143836.2	-5240.9
7230	10.0	141828.2	-5214.9	7320	9.8	142633.2	-5241.7	7410	9.9	143206.7	-5226.9	7500	10.0	143836.2	-5206.3
7231	10.0	141833.2	-5246.6	7321	10.2	142633.7	-5219.7	7411	9.3	143207.2	-5253.7	7501	10.0	143838.2	-5224.2
7232	10.0	141839.7	-5204.0	7322	10.0	142634.7	-5219.5	7412	9.9	143214.2	-5201.1	7502	10.3	143839.7	-5235.7
7233	9.9	141847.2	-5207.4	7323	9.5	142642.2	-5236.5	7413	9.6	143219.7	-5230.9	7503	10.3	143840.2	-5229.7
7234	9.3	141850.2	-5226.1	7324	9.8	142644.2	-5200.1	7414	9.8	143220.2	-5213.2	7504	10.2	143840.7	-5208.9
7235	9.8	141851.2	-5253.6	7325	10.2	142645.2	-5220.7	7415	10.3	143222.2	-5247.8	7505	9.3	143842.2	-5226.5
7236	9.6	141858.2	-5243.5	7326	9.5	142645.7	-5250.1	7416	10.0	143225.2	-5240.5	7506	10.0	143842.2	-5218.2
7237	8.5	141902.2	-5242.3	7327	10.2	142647.7	-5241.9	7417	10.0	143244.2	-5206.7	7507	9.1	143843.7	-5223.3
7238	10.2	141908.2	-5233.0	7328	9.6	142650.7	-5202.0	7418	10.0	143246.2	-5201.0	7508	8.2	143859.7	-5204.3
7239	10.2	141911.2	-5230.9	7329	9.2	142659.2	-5236.5	7419	9.6	143247.2	-5221.8	7509	10.2	143859.7	-5236.2
7240	10.2	141915.2	-5238.6	7330	9.8	142700.2	-5211.1	7420	10.3	143249.7	-5219.6	7510	10.3	143900.7	-5233.7
7241	9.9	141922.7	-5211.2	7331	10.2	142704.7	-5207.5	7421	8.8	143259.7	-5236.8	7511	9.9	143900.7	-5242.9
7242	9.8	141928.2	-5250.1	7332	9.2	142710.2	-5207.0	7422	9.6	143305.2	-5253.3	7512	9.6	143905.2	-5233.4
7243	9.8	141929.7	-5231.1	7333	9.0	142710.2	-5208.0	7423	8.8	143306.2	-5243.8	7513	10.0	143906.7	-5249.5
7244	9.6	141937.2	-5220.9	7334	9.4	142710.7	-5248.1	7424	10.0	143309.7	-5207.3	7514	10.3	143918.2	-5227.1
7245	9.1	141944.7	-5240.8	7335	10.2	142721.2	-5249.0	7425	10.0	143322.2	-5241.2	7515	9.8	143920.7	-5225.0
7246	10.3	141952.7	-5248.7	7336	10.2	142721.7	-5224.6	7426	9.8	143326.0	-5223.2	7516	9.6	143929.0	-5202.4
7247	9.3	142002.7	-5221.2	7337	10.2	142723.2	-5226.9	7427	10.3	143329.7	-5235.8	7517	8.8	143941.7	-5245.2
7248	9.2	142015.2	-5225.7	7338	9.8	142723.7	-5210.9	7428	10.3	143336.7	-5243.9	7518	9.2	143943.2	-5243.2
7249	10.3	142019.7	-5246.4	7339	9.8	142726.2	-5257.3	7429	9.8	143337.2	-5206.1	7519	10.2	143943.7	-5252.1
7250	10.2	142025.7	-5205.1	7340	8.5	142739.7	-5257.8	7430	10.2	143341.2	-5250.1	7520	9.8	143943.7	-5213.3
7251	9.2	142026.2	-5220.7	7341	9.1	142743.2	-5236.1	7431	10.3	143354.2	-5208.1	7521	10.0	143944.7	-5237.5
7252	10.0	142036.7	-5230.9	7342	9.6	142743.7	-5209.3	7432	9.2	143356.0	-5258.7	7522	9.2	144000.1	-5259.3
7253	9.9	142038.7	-5221.6	7343	10.3	142746.7	-5214.8	7433	10.3	143356.2	-5227.2	7523	10.3	144003.2	-5206.3
7254	8.2	142045.2	-5219.9	7344	10.0	142752.7	-5209.8	7434	9.2	143402.7	-5254.1	7524	9.8	144003.7	-5220.2
7255	10.2	142049.7	-5205.0	7345	9.8	142755.7	-5251.5	7435	8.4	143412.7	-5206.6	7525	10.0	144004.7	-5242.1
7256	9.2	142055.2	-5246.7	7346	9.2	142756.2	-5234.8	7436	9.8	143419.3	-5220.9	7526	9.2	144010.2	-5239.7
7257	10.0	142118.7	-5216.5	7347	10.3	142819.7	-5200.3	7437	10.3	143424.7	-5248.9	7527	9.9	144010.2	-5206.1
7258	10.2	142119.2	-5221.4	7348	10.0	142829.2	-5213.6	7438	10.2	143430.2	-5235.9	7528	10.3	144011.7	-5222.8
7259	10.0	142120.2	-5234.7	7349	10.3	142829.2	-5243.5	7439	10.3	143433.2	-5249.1	7529	10.3	144012.2	-5259.1
7260	10.3	142120.2	-5228.7	7350	7.6	142832.2	-5230.7	7440	10.3	143433.7	-5240.1	7530	10.3	144013.2	-5249.1
7261	9.6	142125.7	-5218.2	7351	8.6	142833.2	-5216.8	7441	9.3	143451.3	-5227.3	7531	10.2	144020.2	-5206.9
7262	10.3	142128.0	-5201.3	7352	10.3	142833.2	-5244.9	7442	10.2	143459.7	-5204.7	7532	9.8	144022.7	-5259.4
7263	9.6	142146.2	-5214.0	7353	9.8	142834.2	-5227.5	7443	10.2	143501.7	-5243.4	7533	9.8	144025.2	-5258.3
7264	10.2	142153.2	-5216.6	7354	10.2	142835.0	-5201.3	7444	10.2	143502.7	-5254.3	7534	10.2	144025.2	-5230.9
7265	9.4	142201.2	-5205.8	7355	10.0	142836.7	-5248.5	7445	10.3	143509.2	-5225.6	7535	10.0	144026.7	-5234.7
7266	10.3	142207.7	-5250.1	7356	10.3	142843.2	-5212.8	7446	9.8	143512.7	-5238.2	7536	9.2	144038.7	-5251.1
7267	10.0	142208.2	-5222.0	7357	9.5	142847.7	-5251.7	7447	10.0	143514.2	-5237.6	7537	10.3	144041.2	-5243.1
7268	9.8	142208.7	-5205.7	7358	10.2	142849.2	-5205.1	7448	10.3	143515.7	-5244.1	7538	9.8	144043.7	-5215.7
7269	9.9	142212.2	-5246.3	7359	9.1	142850.2	-5220.8	7449	10.2	143519.2	-5217.4	7539	9.3	144044.2	-5236.7
7270	10.3	142214.2	-5200.1	7360	9.3	142853.2	-5214.7	7450	10.3	143523.2	-5254.9	7540	10.3	144046.7	-5206.9
7271	10.3	142232.7	-5247.1	7361	10.2	142853.2	-5226.9	7451	9.2	143523.7	-5242.6	7541	10.0	144048.2	-5258.6
7272	10.2	142238.7	-5204.3	7362	9.4	142853.7	-5254.1	7452	10.3	143523.7	-5230.9	7542	9.6	144049.7	-5225.0
7273	10.3	142238.7	-5203.2	7363	9.8	142907.7	-5247.3	7453	10.3	143525.7	-5258.8	7543	8.4	144055.2	-5255.5
7274	10.2	142239.0	-5201.5	7364	9.8	142911.5	-5200.5	7454	10.3	143529.7	-5221.7	7544	7.7	144059.7	-5213.4
7275	10.3	142240.2	-5229.6	7365	10.2	142914.7	-5236.2	7455	9.8	143535.7	-5253.0	7545	9.6	144102.7	-5236.7
7276	10.3	142248.7	-5218.0	7366	9.6	142920.2	-5209.1	7456	8.4	143539.2	-5244.3	7546	10.3	144109.7	-5235.1
7277	9.6	142303.2	-5222.7	7367	10.3	142932.7	-5237.4	7457	10.2	143540.7	-5232.1	7547	9.1	144110.2	-5213.1
7278	8.2	142303.9	-5257.3	7368	10.2	142940.2	-5204.7	7458	10.0	143542.2	-5226.0	7548	9.6	144113.7	-5242.1
7279	9.8	142313.2	-5201.5	7369	9.1	142941.2	-5242.0	7459	10.3	143546.2	-5256.0	7549	10.0	144114.7	-5209.5
7280	10.2	142321.2	-5203.7	7370	9.4	142945.2	-5236.1	7460	9.4	143549.2	-5210.1	7550	10.2	144124.7	-5226.3
7281	9.8	142330.7	-5245.1	7371	9.8	142947.7	-5245.7	7461	9.9	143549.7	-5244.1	7551	10.0	144129.2	-5215.7
7282	9.6	142331.2	-5216.2	7372	10.3	142950.2	-5208.1	7462	9.8	143550.2	-5237.4	7552	10.2	144130.7	-5229.2
7283	9.8	142337.2	-5211.6	7373	10.3	142953.7	-5223.7	7463	9.6	143554.2	-5200.6	7553	9.0	144140.2	-5234.2
7284	10.2	142337.2	-5236.0	7374	9.4	142958.7	-5231.5	7464	10.2	143554.2	-5243.2	7554	9.9	144152.2	-5255.7
7285	10.2	142338.2	-5239.6	7375	9.8	143000.2	-5203.4	7465	9.3	143602.2	-5248.7	7555	10.0	144154.2	-5240.8
7286	9.6	142341.2	-5238.0	7376	10.3	143001.9	-5247.1	7466	10.2	143602.7	-5233.7	7556	9.9	144154.7	-5254.1
7287	10.2	142341.2	-5208.0	7377	9.3	143002.2	-5204.7	7467	9.3	143613.2	-5206.9	7557	10.0	144156.2	-5253.2
7288	10.3	142345.7	-5252.1	7378	9.9	143003.7	-5224.2	7468	9.6	143615.2	-5252.2	7558	7.2	144159.2	-5250.7
7289	9.4	142351.7	-5209.2	7379	9.6	143005.7	-5247.3	7469	9.3	143619.2	-5242.8	7559	10.3	144200.2	-5246.9
7290	9.1	142353.2	-5227.0	7380	9.6	143006.2	-5236.2	7470	10.2	143628.7	-5233.1	7560	10.3	144203.2	-5225.9
7291	9.6	142419.2	-5253.7	7381	10.2	143008.7	-5247.6	7471	8.8	143630.2	-5217.1	7561	10.2	144206.7	-5204.1

-52 7561 14h42m

-52 7562 14h42m

7562	10.2	144208.2	-5207.2
7563	10.3	144210.2	-5246.7
7564	10.3	144215.2	-5247.3
7565	10.3	144217.7	-5208.7
7566	9.8	144230.2	-5209.5
7567	10.3	144231.2	-5258.4
7568	9.9	144231.7	-5237.8
7569	9.6	144233.7	-5254.1
7570	9.0	144242.7	-5244.9
7571	9.6	144246.2	-5254.5
7572	9.6	144246.7	-5221.6
7573	9.6	144248.7	-5224.3
7574	8.9	144253.2	-5223.2
7575	9.2	144255.7	-5207.3
7576	9.8	144305.2	-5209.0
7577	9.5	144305.7	-5242.8
7578	10.3	144316.7	-5259.4
7579	8.2	144317.2	-5249.5
7580	10.2	144317.7	-5239.3
7581	10.2	144319.7	-5213.5
7582	10.3	144328.2	-5230.3
7583	10.2	144333.7	-5234.1
7584	7.9	144339.7	-5250.9
7585	9.6	144345.7	-5237.1
7586	7.9	144347.2	-5245.5
7587	10.2	144352.7	-5242.3
7588	10.2	144354.2	-5239.5
7589	10.3	144354.7	-5241.5
7590	10.0	144356.2	-5233.5
7591	10.3	144400.7	-5231.3
7592	9.8	144404.7	-5227.6
7593	8.9	144407.2	-5221.8
7594	9.8	144407.2	-5225.6
7595	10.0	144421.7	-5228.6
7596	10.2	144422.6	-5214.1
7597	10.2	144425.1	-5229.5
7598	9.9	144436.5	-5202.5
7599	10.3	144438.9	-5215.3
7600	10.3	144438.9	-5216.1
7601	9.3	144439.5	-5259.8
7602	8.3	144440.2	-5243.3
7603	9.0	144447.7	-5222.3
7604	10.2	144450.2	-5247.4
7605	10.2	144455.7	-5208.7
7606	9.9	144458.1	-5257.9
7607	10.6	144502.0	-5254.3
7608	10.6	144519.5	-5225.2
7609	7.8	144520.1	-5241.0
7610	10.6	144530.5	-5236.9
7611	10.6	144530.5	-5201.9
7612	10.6	144534.5	-5238.0
7613	10.0	144538.5	-5209.6
7614	10.4	144540.5	-5217.6
7615	10.2	144541.5	-5236.4
7616	10.6	144543.0	-5244.2
7617	10.6	144543.0	-5243.0
7618	10.4	144544.5	-5241.2
7619	10.4	144547.5	-5247.7
7620	10.6	144556.5	-5238.1
7621	10.6	144557.5	-5230.0
7622	10.4	144601.5	-5256.1
7623	10.2	144606.5	-5231.5
7624	10.6	144614.5	-5216.3
7625	10.3	144649.0	-5253.4
7626	10.6	144654.0	-5257.0
7627	10.4	144654.5	-5220.9
7628	10.6	144658.5	-5206.0
7629	10.0	144702.0	-5210.2
7630	10.6	144703.0	-5216.2
7631	10.1	144718.0	-5230.4
7632	10.1	144721.5	-5207.8
7633	9.8	144723.5	-5250.(
7634	5.9	144724.0	-5217.9
7635	9.8	144728.5	-5230.4
7636	9.4	144730.5	-5206.1
7637	10.2	144752.5	-5247.6
7638	10.0	144755.0	-5249.7
7639	10.6	144756.1	-5200.5
7640	10.4	144756.7	-5200.7
7641	10.0	144803.5	-5246.9
7642	10.6	144816.5	-5214.5
7643	10.6	144816.5	-5203.5
7644	9.4	144826.5	-5225.2
7645	10.3	144831.5	-5249.4
7646	10.6	144831.5	-5247.8
7647	10.4	144831.5	-5224.4
7648	9.1	144832.5	-5209.8
7649	9.8	144832.5	-5207.3
7650	10.3	144836.0	-5258.4
7651	10.3	144839.5	-5208.5
7652	8.7	144839.5	-5250.1
7653	10.0	144847.5	-5242.1
7654	10.0	144850.5	-5228.8
7655	10.4	144858.0	-5240.2
7656	10.6	144903.5	-5257.6
7657	10.6	144905.5	-5248.3
7658	10.3	144912.0	-5236.6
7659	10.3	144914.0	-5202.7
7660	10.4	144922.5	-5252.9
7661	9.8	144933.7	-5244.1
7662	8.8	144944.7	-5206.5
7663	10.4	144946.7	-5235.7
7664	10.4	144947.7	-5229.2
7665	10.0	144949.7	-5246.4
7666	10.3	144953.7	-5255.8
7667	10.0	144954.3	-5200.4
7668	10.2	144959.2	-5223.6
7669	10.0	145002.5	-5259.5
7670	10.6	145009.2	-5239.4
7671	10.2	145009.7	-5210.3
7672	8.6	145012.7	-5259.2
7673	10.0	145017.7	-5208.0
7674	10.4	145019.7	-5248.0
7675	10.6	145020.7	-5203.3
7676	10.6	145024.7	-5217.3
7677	9.8	145029.2	-5247.7
7678	8.4	145042.7	-5228.6
7679	10.6	145043.2	-5212.3
7680	10.0	145043.7	-5253.3
7681	10.0	145046.7	-5254.4
7682	10.6	145050.2	-5207.9
7683	10.0	145052.7	-5227.4
7684	10.3	145059.7	-5203.8
7685	10.6	145102.7	-5221.3
7686	10.1	145105.2	-5207.6
7687	10.1	145108.7	-5219.6
7688	10.6	145112.2	-5259.1
7689	9.6	145112.7	-5217.6
7690	8.8	145114.7	-5249.3
7691	10.2	145119.2	-5238.6
7692	10.3	145121.5	-5245.6
7693	10.3	145121.7	-5203.5
7694	10.6	145128.7	-5202.1
7695	10.6	145129.2	-5206.2
7696	8.4	145129.7	-5259.3
7697	9.8	145131.0	-5232.0
7698	10.1	145140.0	-5218.8
7699	10.4	145142.0	-5213.6
7700	10.6	145146.5	-5249.8
7701	10.6	145151.5	-5251.7
7702	10.4	145206.5	-5233.7
7703	10.2	145210.0	-5200.6
7704	10.6	145213.5	-5253.5
7705	8.8	145218.5	-5208.7
7706	10.0	145219.5	-5214.1
7707	10.6	145219.5	-5246.0
7708	10.4	145224.5	-5251.1
7709	10.6	145227.9	-5259.4
7710	10.2	145232.0	-5206.6
7711	10.6	145232.9	-5238.8
7712	10.0	145233.5	-5250.0
7713	10.0	145244.5	-5205.2
7714	10.2	145245.5	-5237.3
7715	10.6	145249.0	-5205.2
7716	9.2	145249.5	-5212.2
7717	9.5	145252.5	-5240.6
7718	10.0	145256.5	-5211.1
7719	9.8	145259.0	-5229.5
7720	10.6	145259.2	-5200.9
7721	9.2	145259.5	-5219.8
7722	9.2	145302.0	-5223.6
7723	9.2	145303.5	-5220.8
7724	10.6	145303.9	-5240.1
7725	10.6	145305.0	-5246.1
7726	10.3	145305.5	-5202.8
7727	10.6	145311.0	-5222.2
7728	9.8	145314.5	-5253.3
7729	9.4	145315.0	-5229.7
7730	10.6	145322.0	-5205.5
7731	10.6	145328.5	-5221.8
7732	10.2	145330.5	-5218.1
7733	10.6	145332.0	-5258.7
7734	10.6	145334.0	-5224.0
7735	10.4	145335.4	-5218.2
7736	10.6	145335.5	-5222.5
7737	10.6	145339.3	-5221.5
7738	10.0	145339.8	-5245.9
7739	9.2	145339.8	-5218.4
7740	9.4	145348.8	-5239.0
7741	10.6	145349.3	-5235.3
7742	9.8	145352.8	-5208.1
7743	10.0	145353.8	-5217.1
7744	10.6	145406.8	-5229.3
7745	10.1	145407.8	-5248.0
7746	9.8	145409.1	-5206.1
7747	10.6	145418.8	-5209.6
7748	10.1	145424.3	-5235.2
7749	10.0	145424.8	-5209.7
7750	10.0	145425.3	-5239.7
7751	10.1	145425.3	-5213.9
7752	9.8	145426.3	-5238.8
7753	10.6	145430.1	-5221.0
7754	10.6	145431.3	-5221.0
7755	10.6	145431.8	-5231.9
7756	9.4	145432.3	-5256.7
7757	10.6	145439.8	-5257.6
7758	10.6	145439.8	-5226.2
7759	10.6	145439.8	-5259.1
7760	10.4	145440.3	-5204.8
7761	10.0	145440.3	-5205.9
7762	10.6	145441.8	-5208.7
7763	9.8	145447.8	-5222.8
7764	10.0	145448.3	-5211.2
7765	10.4	145448.3	-5229.4
7766	10.0	145449.8	-5209.4
7767	10.4	145451.4	-5200.6
7768	10.3	145454.8	-5247.1
7769	10.6	145454.8	-5255.1
7770	10.6	145455.1	-5257.1
7771	10.6	145459.8	-5229.9
7772	10.3	145500.3	-5203.7
7773	10.6	145505.8	-5257.5
7774	9.0	145508.8	-5245.9
7775	10.3	145513.3	-5204.4
7776	10.2	145520.3	-5255.5
7777	10.6	145522.3	-5215.1
7778	10.6	145523.1	-5223.7
7779	10.6	145526.8	-5258.6
7780	10.6	145529.8	-5255.0
7781	10.6	145529.8	-5239.1
7782	10.6	145529.8	-5219.2
7783	9.8	145538.8	-5236.7
7784	10.6	145540.3	-5252.9
7785	9.1	145549.8	-5252.0
7786	10.4	145549.8	-5243.4
7787	10.4	145549.8	-5211.0
7788	10.6	145551.3	-5218.8
7789	10.3	145551.8	-5225.2
7790	10.6	145552.3	-5225.8
7791	10.6	145604.6	-5201.1
7792	9.8	145605.3	-5227.5
7793	9.8	145605.3	-5234.3
7794	10.0	145607.1	-5202.0
7795	10.0	145607.3	-5239.9
7796	8.8	145610.3	-5238.0
7797	9.6	145612.3	-5246.3
7798	10.6	145617.8	-5202.8
7799	10.6	145619.3	-5251.3
7800	10.6	145622.3	-5222.6
7801	10.4	145625.8	-5212.8
7802	10.6	145626.3	-5237.7
7803	9.4	145626.3	-5238.4
7804	10.6	145630.8	-5254.2
7805	10.6	145634.8	-5231.9
7806	10.4	145637.3	-5234.6
7807	10.6	145639.8	-5243.7
7808	10.6	145641.8	-5215.8
7809	10.6	145643.3	-5252.9
7810	10.6	145645.3	-5206.0
7811	9.8	145649.8	-5233.9
7812	9.4	145649.8	-5225.6
7813	10.6	145650.1	-5206.1
7814	10.0	145651.3	-5226.1
7815	10.1	145652.8	-5211.6
7816	10.2	145652.8	-5236.5
7817	10.6	145653.8	-5218.4
7818	10.6	145653.8	-5225.1
7819	10.6	145653.8	-5254.6
7820	10.6	145654.3	-5257.0
7821	10.6	145657.3	-5206.4
7822	10.0	145707.3	-5215.5
7823	10.6	145708.3	-5224.0
7824	10.6	145713.8	-5210.0
7825	10.0	145717.8	-5235.9
7826	10.6	145720.8	-5239.8
7827	10.2	145721.8	-5255.4
7828	10.0	145722.8	-5208.0
7829	10.4	145735.0	-5247.5
7830	10.6	145737.8	-5209.6
7831	10.6	145738.8	-5206.8
7832	10.0	145738.8	-5250.9
7833	10.0	145739.3	-5255.7
7834	10.0	145746.8	-5223.5
7835	10.6	145748.3	-5246.3
7836	10.6	145753.8	-5246.4
7837	9.4	145754.8	-5237.4
7838	10.4	145759.8	-5220.9
7839	10.6	145800.0	-5233.0
7840	10.0	145802.3	-5227.3
7841	10.6	145806.3	-5226.7
7842	8.4	145806.8	-5225.4
7843	10.2	145807.8	-5205.4
7844	10.1	145809.8	-5230.8
7845	10.3	145809.8	-5223.2
7846	10.6	145810.3	-5237.7
7847	10.0	145814.8	-5252.2
7848	9.6	145818.3	-5228.0
7849	10.0	145820.8	-5253.3
7850	9.4	145821.8	-5243.3
7851	10.6	145822.8	-5256.3
7852	10.0	145827.2	-5216.9
7853	10.6	145842.8	-5221.8
7854	10.6	145842.8	-5246.3
7855	10.4	145848.8	-5233.2
7856	10.0	145850.0	-5203.0
7857	9.6	145856.8	-5247.5
7858	9.2	145904.3	-5232.8
7859	9.8	145907.8	-5206.7
7860	10.6	145908.3	-5248.6
7861	8.2	145912.3	-5223.5
7862	10.1	145917.8	-5255.6
7863	10.3	145919.8	-5250.5
7864	10.3	145923.3	-5220.8
7865	10.3	145924.3	-5239.7
7866	9.2	145926.8	-5250.6
7867	10.1	145928.3	-5257.3
7868	9.6	145930.3	-5251.5
7869	10.4	145930.8	-5248.6
7870	9.6	145934.3	-5223.1
7871	9.6	145934.8	-5211.7
7872	10.6	145934.8	-5206.5
7873	10.4	145940.8	-5202.1
7874	10.4	145941.3	-5215.8
7875	10.4	145941.8	-5242.6
7876	10.6	145951.8	-5253.8
7877	9.2	145952.3	-5207.4
7878	9.4	145952.8	-5232.1
7879	10.6	150001.8	-5255.0
7880	10.6	150003.8	-5225.7
7881	10.2	150005.3	-5245.7
7882	10.2	150009.8	-5257.4
7883	9.0	150009.8	-5255.7
7884	10.1	150009.8	-5218.0
7885	10.6	150013.3	-5209.6
7886	10.1	150015.3	-5218.1
7887	9.5	150016.7	-5225.6
7888	10.6	150020.2	-5207.2
7889	10.6	150026.7	-5227.5
7890	10.6	150031.7	-5229.4
7891	10.0	150033.2	-5206.7
7892	10.0	150035.7	-5214.3
7893	10.4	150037.7	-5232.2
7894	9.4	150038.0	-5259.8
7895	10.6	150038.2	-5227.6
7896	10.0	150039.7	-5231.6
7897	10.6	150045.5	-5214.2
7898	9.5	150055.2	-5223.4
7899	10.4	150100.2	-5210.1
7900	10.1	150100.2	-5232.2
7901	10.6	150101.2	-5222.7
7902	10.4	150102.2	-5212.8
7903	10.2	150102.7	-5204.3
7904	10.6	150105.2	-5229.3
7905	9.2	150105.2	-5241.1
7906	10.6	150107.7	-5243.1
7907	10.3	150112.2	-5219.8
7908	9.6	150116.2	-5223.6
7909	9.5	150116.2	-5218.6
7910	10.2	150117.7	-5211.9
7911	10.6	150119.7	-5213.7
7912	10.6	150122.2	-5208.3
7913	10.1	150125.7	-5209.6
7914	10.2	150126.7	-5214.5
7915	9.2	150127.2	-5249.8
7916	10.6	150129.5	-5235.9
7917	10.4	150129.7	-5235.2
7918	10.6	150130.2	-5236.7
7919	10.0	150130.2	-5221.6
7920	10.6	150130.2	-5214.5
7921	10.3	150131.6	-5200.1

-52 7921 15h01m

-52 7922 15h01m

7922 10.6 150133.2 -5234.9	8012 10.3 150512.2 -5219.2	8102 10.6 150907.0 -5237.6	8192 10.3 151238.0 -5223.6
7923 10.6 150134.2 -5233.7	8013 10.6 150513.7 -5222.2	8103 9.6 150910.5 -5215.5	8193 10.6 151238.5 -5258.2
7924 10.4 150135.0 -5202.1	8014 10.3 150514.4 -5234.7	8104 10.1 150914.5 -5253.7	8194 10.6 151240.0 -5208.4
7925 10.6 150137.7 -5200.2	8015 10.6 150515.0 -5202.2	8105 10.6 150915.0 -5254.9	8195 10.6 151241.6 -5234.1
7926 9.6 150147.7 -5216.1	8016 10.4 150515.2 -5255.6	8106 10.6 150919.0 -5245.5	8196 10.6 151244.5 -5238.8
7927 9.2 150148.2 -5206.3	8017 10.6 150519.4 -5215.3	8107 10.0 150920.5 -5257.6	8197 10.6 151244.6 -5245.1
7928 10.6 150150.7 -5256.3	8018 10.6 150519.7 -5236.5	8108 10.0 150923.0 -5224.8	8198 10.6 151246.0 -5221.2
7929 10.6 150155.2 -5226.4	8019 10.6 150520.2 -5224.7	8109 9.4 150923.0 -5258.6	8199 10.0 151246.5 -5241.9
7930 10.6 150157.7 -5239.1	8020 10.4 150520.7 -5253.3	8110 10.6 150924.0 -5214.3	8200 10.0 151246.5 -5217.8
7931 10.1 150205.2 -5213.1	8021 10.4 150521.4 -5234.5	8111 9.1 150925.0 -5253.3	8201 10.1 151248.6 -5210.1
7932 9.8 150205.7 -5226.2	8022 10.6 150522.2 -5243.0	8112 10.6 150925.5 -5241.7	8202 10.3 151249.5 -5247.8
7933 10.1 150206.7 -5239.1	8023 10.6 150523.0 -5202.1	8113 10.3 150925.5 -5230.0	8203 10.6 151250.0 -5230.6
7934 7.8 150209.2 -5203.5	8024 9.2 150527.2 -5210.0	8114 10.6 150926.0 -5205.7	8204 10.6 151250.0 -5230.9
7935 10.6 150209.7 -5208.1	8025 10.0 150530.7 -5244.1	8115 10.6 150926.0 -5217.1	8205 10.4 151251.5 -5215.4
7936 9.1 150210.2 -5222.6	8026 10.6 150531.2 -5216.0	8116 10.3 150928.5 -5201.4	8206 10.6 151252.5 -5231.0
7937 9.2 150211.2 -5214.5	8027 10.3 150532.7 -5212.4	8117 9.1 150936.1 -5201.3	8207 10.6 151253.0 -5206.8
7938 10.0 150211.7 -5221.3	8028 10.4 150535.2 -5203.6	8118 10.2 150939.5 -5207.7	8208 10.4 151254.5 -5244.3
7939 10.4 150212.2 -5221.7	8029 10.2 150536.7 -5205.5	8119 10.1 150939.5 -5256.3	8209 10.6 151258.0 -5248.2
7940 10.1 150212.7 -5240.0	8030 10.4 150537.7 -5205.3	8120 10.6 150941.5 -5241.6	8210 10.6 151259.6 -5229.5
7941 8.7 150213.2 -5253.2	8031 8.7 150538.2 -5207.6	8121 10.1 150944.0 -5243.9	8211 10.6 151300.0 -5250.5
7942 10.6 150220.2 -5204.5	8032 10.6 150540.7 -5217.4	8122 10.6 150949.8 -5220.7	8212 10.1 151302.0 -5251.2
7943 10.6 150229.2 -5245.7	8033 10.6 150540.7 -5232.7	8123 10.3 150951.5 -5212.9	8213 8.0 151305.5 -5246.9
7944 9.8 150235.7 -5246.3	8034 9.4 150541.7 -5229.8	8124 8.7 150958.5 -5243.8	8214 10.0 151306.0 -5202.6
7945 10.6 150235.7 -5227.5	8035 9.6 150542.7 -5222.2	8125 10.6 150959.0 -5256.1	8215 9.4 151308.0 -5242.3
7946 10.0 150237.5 -5205.1	8036 9.6 150548.7 -5211.5	8126 9.6 151000.5 -5246.6	8216 10.6 151310.5 -5240.1
7947 10.6 150243.2 -5217.7	8037 9.2 150551.2 -5206.0	8127 10.3 151005.0 -5259.3	8217 10.6 151311.5 -5202.8
7948 10.0 150245.2 -5204.0	8038 10.6 150600.7 -5229.1	8128 10.3 151006.5 -5234.4	8218 10.6 151314.0 -5223.8
7949 9.5 150247.7 -5245.1	8039 10.6 150605.2 -5214.0	8129 10.6 151007.5 -5215.7	8219 8.6 151320.0 -5204.2
7950 10.0 150249.2 -5251.6	8040 10.6 150613.7 -5223.5	8130 10.6 151009.0 -5249.6	8220 10.1 151320.5 -5206.1
7951 10.4 150249.2 -5222.3	8041 10.6 150614.2 -5235.1	8131 10.6 151010.0 -5213.2	8221 10.6 151320.5 -5202.0
7952 10.3 150251.7 -5204.0	8042 9.4 150616.7 -5225.1	8132 9.0 151019.0 -5203.8	8222 10.0 151329.5 -5204.9
7953 10.6 150252.5 -5223.2	8043 10.6 150619.2 -5247.2	8133 10.6 151020.8 -5232.4	8223 9.6 151329.5 -5219.7
7954 10.6 150253.5 -5224.1	8044 9.2 150620.2 -5240.3	8134 10.3 151021.0 -5250.4	8224 10.4 151329.5 -5257.2
7955 10.0 150253.7 -5207.7	8045 10.1 150620.7 -5212.1	8135 10.1 151022.0 -5247.6	8225 10.6 151331.0 -5224.9
7956 10.6 150257.7 -5238.8	8046 10.6 150623.2 -5205.1	8136 10.4 151022.0 -5206.0	8226 9.6 151331.5 -5239.4
7957 10.3 150258.7 -5231.0	8047 9.5 150625.7 -5256.7	8137 10.6 151022.5 -5203.0	8227 10.6 151337.5 -5257.0
7958 9.5 150259.2 -5232.6	8048 10.1 150627.2 -5235.3	8138 10.4 151024.0 -5214.0	8228 8.0 151343.0 -5241.0
7959 9.6 150302.2 -5254.3	8049 8.4 150628.7 -5203.4	8139 10.4 151024.0 -5212.8	8229 10.6 151346.0 -5216.0
7960 10.6 150302.6 -5232.9	8050 10.6 150641.2 -5223.1	8140 10.4 151026.5 -5249.8	8230 10.6 151347.5 -5255.6
7961 10.3 150302.7 -5250.2	8051 10.6 150651.2 -5252.7	8141 10.4 151030.0 -5244.6	8231 10.0 151347.5 -5225.9
7962 10.6 150303.7 -5253.1	8052 10.4 150700.2 -5214.0	8142 10.1 151035.5 -5245.4	8232 9.6 151350.0 -5216.1
7963 10.0 150305.2 -5228.4	8053 10.2 150700.7 -5220.3	8143 10.1 151038.5 -5215.1	8233 10.3 151351.5 -5233.1
7964 10.0 150308.2 -5212.9	8054 10.6 150700.7 -5257.6	8144 10.2 151045.0 -5258.7	8234 10.6 151355.0 -5225.6
7965 10.4 150310.2 -5241.2	8055 10.6 150705.2 -5227.6	8145 10.6 151045.5 -5248.7	8235 10.2 151401.0 -5231.9
7966 10.3 150315.7 -5236.9	8056 9.4 150708.2 -5244.2	8146 10.2 151046.5 -5225.1	8236 10.6 151402.0 -5247.8
7967 10.3 150320.2 -5249.2	8057 10.1 150708.7 -5232.8	8147 9.8 151050.5 -5203.1	8237 10.6 151407.0 -5249.4
7968 10.1 150320.2 -5227.7	8058 10.3 150714.2 -5251.7	8148 10.3 151105.5 -5253.0	8238 9.4 151418.5 -5257.2
7969 9.8 150320.7 -5208.5	8059 10.6 150716.7 -5250.2	8149 9.6 151109.5 -5237.9	8239 10.0 151418.5 -5234.6
7970 10.0 150322.7 -5221.4	8060 9.2 150720.2 -5230.6	8150 10.1 151110.5 -5222.0	8240 8.6 151419.5 -5241.4
7971 9.4 150324.7 -5201.3	8061 10.6 150722.2 -5215.5	8151 9.8 151110.5 -5232.7	8241 10.6 151420.4 -5245.9
7972 10.6 150325.2 -5231.9	8062 9.8 150732.2 -5249.4	8152 10.3 151112.5 -5208.4	8242 10.6 51420.4 -5200.1
7973 10.3 150327.7 -5259.3	8063 8.6 150738.2 -5245.4	8153 10.1 151113.5 -5255.2	8243 8.0 51421.5 -5242.5
7974 9.5 150330.6 -5239.3	8064 10.6 150740.2 -5212.1	8154 10.0 151115.5 -5216.9	8244 10.1 51430.1 -5200.4
7975 10.6 150333.4 -5200.3	8065 10.2 150741.2 -5237.5	8155 9.2 151118.5 -5203.4	8245 10.1 51430.5 -5239.8
7976 10.6 150336.2 -5204.5	8066 10.2 150742.7 -5237.2	8156 10.6 151123.0 -5220.4	8246 9.6 51431.5 -5249.3
7977 10.6 150336.7 -5219.3	8067 10.6 150744.2 -5230.6	8157 10.0 151129.5 -5255.8	8247 10.2 151431.5 -5216.6
7978 10.4 150336.7 -5208.2	8068 10.6 150744.2 -5207.2	8158 10.6 151129.7 -5243.0	8248 10.1 151432.5 -5255.7
7979 10.1 150338.0 -5201.1	8069 10.6 150745.7 -5254.8	8159 10.6 151130.5 -5215.8	8249 10.4 151434.5 -5213.7
7980 10.0 150338.2 -5250.3	8070 10.6 150747.7 -5216.8	8160 10.0 151134.5 -5248.0	8250 10.1 151436.0 -5253.0
7981 10.1 150342.2 -5254.2	8071 10.6 150750.2 -5223.8	8161 10.6 151134.5 -5218.9	8251 10.4 151444.5 -5232.3
7982 10.1 150342.7 -5246.7	8072 10.0 150753.2 -5208.0	8162 10.6 151138.0 -5221.5	8252 9.6 151445.1 -5259.9
7983 10.4 150345.7 -5233.8	8073 10.3 150754.2 -5205.2	8163 10.6 151138.5 -5253.5	8253 10.4 151448.1 -5253.5
7984 10.3 150348.7 -5216.5	8074 10.6 150755.2 -5239.3	8164 10.6 151139.5 -5252.7	8254 10.6 151449.0 -5259.0
7985 10.6 150352.7 -5250.3	8075 10.3 150800.5 -5210.6	8165 10.0 151141.0 -5214.6	8255 10.6 151449.7 -5237.7
7986 10.4 150359.2 -5215.0	8076 8.2 150802.5 -5203.8	8166 10.3 151141.5 -5234.2	8256 10.6 151450.7 -5236.3
7987 8.6 150401.2 -5218.9	8077 10.6 150802.5 -5243.3	8167 10.3 151142.5 -5204.3	8257 10.6 151451.0 -5256.8
7988 10.4 150404.2 -5255.7	8078 10.6 150804.0 -5257.4	8168 10.2 151144.0 -5238.9	8258 10.3 151451.5 -5215.1
7989 10.6 150405.2 -5225.1	8079 10.6 150805.0 -5245.3	8169 10.6 151146.5 -5206.0	8259 9.6 151452.5 -5218.9
7990 10.0 150408.2 -5238.1	8080 10.6 150806.0 -5207.2	8170 9.0 151151.5 -5228.4	8260 10.4 151457.5 -5201.1
7991 10.6 150410.2 -5239.8	8081 10.4 150806.5 -5219.6	8171 10.4 151154.5 -5235.3	8261 10.6 151501.2 -5255.1
7992 10.4 150414.7 -5256.4	8082 10.4 150807.5 -5213.1	8172 10.6 151157.0 -5236.2	8262 10.6 151507.0 -5227.8
7993 8.6 150423.2 -5239.6	8083 10.6 150808.5 -5207.5	8173 9.8 151159.5 -5245.1	8263 10.6 151507.4 -5249.6
7994 10.6 150425.2 -5237.8	8084 10.6 150811.0 -5256.3	8174 10.6 151202.0 -5206.6	8264 10.0 151507.9 -5214.9
7995 9.6 150428.2 -5221.0	8085 8.6 150815.0 -5211.5	8175 9.8 151202.4 -5257.1	8265 8.0 151509.7 -5216.1
7996 9.8 150431.7 -5228.8	8086 9.8 150815.5 -5248.5	8176 8.6 151204.5 -5215.3	8266 10.6 151510.0 -5258.3
7997 10.6 150433.2 -5232.7	8087 10.6 150817.0 -5221.4	8177 10.6 151206.0 -5242.4	8267 10.6 151510.5 -5259.4
7998 10.6 150435.2 -5204.8	8088 10.0 150817.0 -5229.9	8178 10.3 151208.0 -5200.5	8268 10.6 151511.5 -5205.1
7999 10.2 150438.2 -5216.0	8089 10.6 150818.0 -5229.3	8179 10.3 151209.5 -5225.2	8269 10.6 151514.5 -5203.8
8000 10.2 150440.7 -5241.9	8090 10.6 150819.5 -5258.4	8180 10.6 151211.2 -5202.1	8270 10.2 151517.8 -5216.0
8001 8.8 150440.7 -5219.3	8091 10.4 150822.0 -5221.8	8181 10.2 151214.0 -5216.2	8271 10.6 151519.5 -5226.6
8002 10.6 150442.2 -5205.2	8092 10.6 150828.0 -5246.6	8182 10.6 151216.5 -5240.0	8272 7.8 151526.9 -5224.4
8003 10.3 150453.2 -5208.1	8093 10.6 150836.0 -5204.4	8183 10.3 151218.5 -5247.7	8273 9.8 151529.3 -5251.4
8004 9.2 150455.2 -5218.1	8094 10.6 150836.5 -5248.4	8184 10.2 151222.0 -5222.2	8274 9.4 151530.3 -5204.8
8005 10.6 150455.2 -5251.3	8095 10.4 150839.0 -5221.7	8185 10.0 151222.5 -5209.8	8275 9.8 151531.3 -5215.9
8006 10.6 150458.7 -5210.7	8096 9.8 150839.5 -5200.0	8186 10.1 151224.0 -5244.7	8276 10.0 151532.8 -5233.1
8007 10.6 150500.2 -5257.8	8097 10.6 150851.0 -5255.0	8187 10.6 151225.0 -5246.4	8277 9.2 151536.3 -5231.5
8008 10.0 150500.7 -5236.9	8098 9.8 150851.5 -5249.7	8188 10.3 151231.0 -5210.1	8278 8.8 151537.8 -5217.0
8009 10.0 150505.2 -5246.0	8099 9.4 150853.0 -5228.5	8189 9.6 151232.0 -5218.0	8279 9.9 151538.8 -5234.1
8010 10.3 150509.7 -5237.2	8100 10.1 150855.0 -5243.2	8190 10.6 151233.7 -5232.7	8280 10.0 151539.0 -5253.3
8011 10.0 150510.2 -5208.8	8101 10.6 150905.5 -5210.8	8191 10.6 151234.5 -5243.4	8281 9.7 151539.3 -5215.2

-52 8281 15h15m

-52 8282 15h15m

-52 8641 15h29m

8282	9.9	151540.8	-5239.5	8372	10.0	151919.5	-5249.2	8462	9.6	152247.8	-5221.1	8552	9.0	152610.0	-5206.2
8283	9.8	151542.8	-5221.1	8373	9.6	151919.5	-5248.2	8463	9.9	152247.8	-5227.2	8553	9.4	152613.0	-5202.4
8284	10.0	151548.3	-5202.2	8374	9.2	151919.5	-5226.5	8464	9.2	152249.8	-5212.6	8554	9.9	152614.0	-5206.7
8285	9.7	151549.3	-5224.9	8375	10.0	151923.5	-5227.6	8465	9.8	152249.8	-5213.1	8555	9.8	152614.5	-5259.9
8286	10.0	151555.3	-5258.8	8376	9.0	151924.0	-5223.2	8466	9.4	152250.8	-5207.8	8556	9.9	152619.5	-5230.4
8287	10.0	151556.3	-5211.6	8377	9.8	151924.5	-5203.1	8467	9.9	152252.3	-5240.8	8557	9.4	152625.0	-5232.8
8288	9.7	151556.8	-5217.4	8378	9.6	151925.0	-5256.9	8468	9.9	152254.3	-5224.8	8558	9.4	152627.0	-5239.8
8289	9.4	151558.3	-5229.5	8379	10.0	151929.5	-5247.0	8469	8.8	152257.8	-5238.4	8559	9.9	152628.5	-5225.9
8290	9.2	151604.5	-5256.8	8380	10.0	151937.0	-5206.8	8470	9.4	152258.8	-5246.8	8560	9.4	152630.0	-5220.5
8291	9.4	151604.8	-5244.0	8381	9.2	151939.5	-5222.2	8471	9.8	152309.3	-5221.8	8561	10.0	152630.0	-5258.0
8292	9.9	151607.3	-5238.4	8382	8.0	151939.5	-5238.9	8472	10.0	152309.8	-5255.9	8562	9.4	152635.0	-5232.7
8293	9.4	151608.8	-5233.9	8383	9.9	151941.0	-5212.7	8473	9.0	152310.3	-5244.6	8563	10.0	152639.0	-5231.9
8294	9.0	151610.8	-5242.5	8384	9.9	151943.5	-5250.4	8474	8.6	152311.5	-5226.6	8564	10.0	152639.0	-5244.2
8295	10.0	151613.8	-5206.0	8385	9.7	151944.4	-5239.4	8475	8.4	152312.5	-5226.3	8565	8.2	152639.5	-5251.3
8296	10.0	151615.8	-5216.3	8386	10.0	151944.5	-5218.5	8476	10.0	152314.8	-5205.3	8566	9.6	152639.7	-5257.6
8297	9.8	151617.3	-5233.5	8387	9.8	151948.5	-5259.9	8477	9.9	152315.3	-5236.8	8567	9.8	152641.0	-5214.0
8298	9.2	151617.3	-5241.0	8388	9.0	151949.0	-5237.0	8478	9.2	152319.3	-5214.4	8568	9.4	152642.5	-5224.7
8299	9.9	151620.3	-5257.0	8389	9.4	151949.5	-5249.0	8479	9.9	152320.5	-5200.0	8569	9.7	152643.5	-5226.5
8300	9.8	151622.8	-5210.8	8390	10.0	151954.0	-5203.7	8480	9.6	152321.8	-5228.7	8570	9.4	152644.0	-5230.5
8301	10.0	151624.8	-5244.2	8391	9.6	151959.5	-5255.9	8481	9.6	152324.8	-5239.8	8571	9.8	152644.0	-5237.6
8302	10.0	151625.3	-5215.8	8392	9.2	152000.5	-5212.1	8482	9.7	152324.8	-5250.3	8572	9.6	152646.0	-5222.0
8303	7.4	151630.3	-5236.7	8393	8.4	152000.5	-5255.1	8483	9.7	152329.8	-5222.2	8573	8.6	152650.0	-5218.2
8304	10.0	151630.8	-5248.0	8394	9.9	152001.0	-5259.9	8484	9.4	152334.8	-5241.5	8574	10.0	152650.0	-5212.0
8305	9.2	151634.3	-5207.7	8395	9.4	152003.5	-5205.9	8485	10.0	152339.8	-5236.9	8575	10.0	152654.0	-5258.6
8306	10.0	151637.8	-5226.0	8396	9.8	152008.5	-5224.8	8486	9.7	152339.8	-5205.1	8576	10.0	152655.3	-5201.1
8307	9.0	151639.4	-5258.1	8397	9.9	152009.5	-5204.6	8487	8.3	152341.8	-5235.1	8577	10.0	152655.5	-5220.6
8308	10.0	151639.9	-5233.6	8398	9.0	152010.5	-5206.7	8488	9.6	152343.3	-5229.9	8578	10.0	152700.0	-5226.3
8309	9.9	151641.7	-5204.8	8399	9.6	152010.5	-5213.4	8489	9.4	152345.8	-5237.0	8579	9.9	152700.0	-5209.3
8310	9.9	151642.9	-5254.0	8400	9.9	152014.4	-5213.5	8490	9.9	152345.8	-5226.2	8580	9.8	152704.0	-5227.9
8311	9.4	151644.4	-5234.4	8401	9.4	152014.5	-5242.8	8491	9.8	152345.8	-5223.0	8581	8.8	152705.5	-5216.3
8312	7.9	151648.9	-5257.6	8402	10.0	152016.0	-5248.3	8492	9.8	152346.5	-5200.9	8582	10.0	152706.0	-5232.1
8313	10.0	151654.4	-5236.1	8403	9.4	152016.0	-5211.8	8493	9.8	152349.8	-5237.0	8583	10.0	152707.5	-5232.2
8314	9.4	151654.4	-5241.6	8404	10.0	152016.5	-5243.9	8494	10.0	152350.3	-5223.8	8584	9.9	152710.0	-5244.7
8315	9.9	151659.4	-5229.9	8405	9.4	152021.5	-5207.2	8495	10.0	152351.3	-5201.7	8585	9.6	152716.0	-5225.8
8316	8.8	151702.4	-5250.7	8406	9.4	152025.5	-5204.7	8496	8.6	152353.8	-5232.4	8586	9.8	152716.0	-5250.8
8317	9.7	151706.4	-5213.6	8407	9.2	152036.5	-5236.8	8497	10.0	152355.3	-5248.5	8587	9.8	152717.5	-5252.2
8318	10.0	151708.4	-5203.1	8408	8.3	152046.0	-5224.7	8498	9.8	152356.3	-5233.0	8588	9.9	152725.0	-5228.1
8319	10.0	151709.4	-5223.9	8409	10.0	152049.6	-5215.8	8499	9.6	152403.8	-5240.6	8589	9.9	152727.0	-5227.1
8320	9.0	151714.4	-5235.0	8410	9.0	152052.1	-5234.3	8500	9.8	152403.8	-5236.2	8590	9.9	152728.5	-5256.1
8321	9.4	151716.4	-5233.8	8411	9.8	152053.1	-5202.4	8501	10.0	152410.8	-5253.1	8591	9.8	152733.0	-5259.6
8322	9.8	151719.4	-5245.5	8412	9.9	152058.6	-5208.6	8502	10.0	152412.3	-5213.9	8592	10.0	152734.5	-5258.0
8323	10.0	151721.4	-5224.1	8413	9.4	152059.6	-5248.1	8503	10.0	152413.8	-5213.6	8593	9.7	152735.5	-5233.2
8324	9.2	151723.4	-5238.0	8414	9.6	152059.6	-5256.2	8504	10.0	152415.3	-5224.8	8594	9.0	152737.5	-5245.5
8325	9.9	151729.4	-5227.9	8415	9.0	152106.6	-5204.2	8505	10.0	152417.3	-5239.3	8595	10.0	152739.5	-5258.7
8326	8.6	151731.4	-5257.7	8416	9.9	152107.1	-5210.6	8506	9.2	152419.0	-5237.0	8596	9.7	152740.0	-5234.2
8327	9.6	151732.4	-5250.0	8417	9.9	152108.1	-5235.5	8507	9.4	152419.0	-5233.8	8597	9.8	152743.5	-5252.9
8328	9.9	151733.4	-5255.0	8418	9.0	152109.6	-5236.1	8508	9.9	152420.0	-5225.1	8598	8.6	152743.5	-5243.1
8329	9.6	151735.4	-5254.5	8419	8.2	152113.1	-5255.8	8509	9.8	152422.5	-5224.6	8599	9.4	152746.0	-5212.0
8330	9.8	151735.9	-5229.5	8420	7.8	152114.6	-5232.9	8510	9.4	152423.5	-5254.8	8600	10.0	152753.0	-5233.7
8331	9.2	151745.4	-5224.1	8421	9.7	152115.6	-5234.6	8511	10.0	152425.0	-5213.2	8601	8.2	152758.5	-5219.7
8332	10.0	151748.9	-5251.0	8422	9.4	152116.8	-5258.8	8512	9.6	152430.5	-5206.1	8602	10.0	152800.0	-5233.9
8333	9.8	151751.9	-5205.0	8423	9.9	152123.0	-5228.4	8513	10.0	152435.5	-5203.7	8603	9.6	152801.5	-5202.9
8334	9.7	151757.9	-5257.0	8424	9.4	152125.6	-5235.3	8514	8.8	152436.5	-5202.7	8604	9.6	152804.0	-5226.3
8335	9.6	151758.4	-5215.7	8425	8.3	152128.1	-5220.2	8515	9.9	152438.0	-5206.0	8605	10.0	152804.5	-5230.5
8336	9.0	151803.9	-5233.2	8426	9.4	152129.6	-5252.3	8516	9.6	152439.0	-5254.8	8606	10.0	152805.0	-5245.3
8337	9.2	151803.9	-5205.0	8427	7.2	152129.6	-5256.5	8517	10.0	152440.0	-5213.0	8607	9.2	152805.5	-5209.4
8338	9.7	151807.9	-5204.9	8428	10.0	152131.6	-5231.4	8518	9.6	152442.0	-5228.7	8608	9.4	152805.5	-5203.3
8339	10.0	151808.9	-5258.5	8429	8.2	152132.6	-5220.2	8519	9.8	152443.5	-5259.5	8609	10.0	152808.0	-5234.0
8340	9.8	151812.0	-5252.9	8430	10.0	152138.6	-5258.5	8520	10.0	152445.0	-5202.0	8610	10.0	152814.0	-5246.1
8341	9.2	151815.0	-5208.6	8431	9.8	152139.6	-5257.1	8521	9.6	152450.0	-5200.7	8611	10.0	152816.0	-5244.4
8342	10.0	151815.5	-5219.5	8432	9.4	152142.1	-5226.0	8522	9.8	152450.0	-5251.7	8612	9.4	152817.5	-5251.6
8343	9.6	151816.5	-5227.3	8433	10.0	152145.6	-5211.3	8523	9.9	152450.0	-5257.5	8613	10.0	152822.0	-5227.8
8344	9.8	151818.0	-5223.6	8434	7.8	152149.6	-5212.8	8524	9.6	152452.5	-5208.7	8614	10.0	152822.0	-5218.1
8345	10.0	151819.5	-5227.9	8435	9.9	152153.6	-5240.5	8525	9.9	152454.5	-5203.2	8615	10.0	152822.0	-5217.1
8346	10.0	151820.0	-5239.0	8436	9.9	152158.1	-5208.2	8526	9.8	152504.0	-5235.0	8616	9.0	152824.5	-5227.1
8347	9.8	151829.5	-5218.4	8437	8.1	152159.6	-5227.7	8527	9.6	152505.0	-5255.0	8617	10.0	152826.0	-5253.6
8348	9.8	151831.5	-5251.0	8438	9.2	152159.6	-5224.7	8528	9.6	152505.5	-5238.0	8618	9.0	152828.5	-5204.3
8349	9.9	151833.0	-5214.9	8439	10.0	152205.3	-5202.5	8529	9.8	152506.5	-5200.8	8619	10.0	152830.0	-5216.2
8350	9.9	151834.5	-5232.1	8440	10.0	152206.8	-5228.8	8530	9.4	152510.0	-5215.6	8620	10.0	152830.0	-5207.5
8351	10.0	151835.6	-5223.9	8441	9.9	152208.0	-5200.5	8531	9.8	152511.5	-5221.0	8621	10.0	152830.5	-5239.5
8352	9.2	151836.0	-5254.4	8442	10.0	152208.3	-5216.0	8532	9.0	152512.0	-5213.2	8622	9.7	152831.5	-5235.0
8353	9.6	151836.0	-5246.3	8443	10.0	152218.8	-5229.7	8533	9.8	152512.5	-5233.6	8623	9.9	152832.5	-5209.4
8354	9.2	151836.5	-5230.9	8444	10.0	152219.8	-5250.3	8534	9.6	152517.5	-5257.5	8624	10.0	152835.0	-5224.8
8355	9.6	151838.0	-5246.6	8445	8.8	152221.3	-5234.2	8535	9.6	152520.0	-5234.9	8625	9.7	152837.0	-5241.9
8356	9.9	151839.5	-5233.2	8446	10.0	152222.8	-5229.3	8536	10.0	152522.5	-5257.2	8626	10.0	152837.5	-5205.5
8357	9.8	151839.5	-5227.1	8447	8.4	152224.8	-5241.3	8537	9.0	152523.0	-5213.9	8627	9.7	152838.0	-5209.5
8358	10.0	151841.0	-5206.4	8448	9.9	152224.8	-5219.4	8538	9.6	152530.0	-5258.8	8628	9.7	152838.0	-5235.5
8359	10.0	151841.5	-5206.0	8449	10.0	152225.3	-5204.2	8539	9.7	152530.0	-5251.9	8629	9.6	152839.5	-5238.2
8360	9.9	151842.5	-5239.7	8450	9.7	152226.8	-5258.1	8540	8.2	152533.0	-5236.0	8630	9.7	152839.5	-5259.0
8361	9.9	151849.5	-5256.1	8451	9.9	152229.8	-5259.9	8541	10.0	152534.5	-5242.0	8631	9.6	152843.5	-5255.6
8362	9.8	151855.5	-5224.2	8452	9.4	152229.8	-5212.4	8542	10.0	152539.5	-5213.7	8632	9.4	152843.5	-5247.8
8363	9.7	151856.0	-5235.7	8453	9.4	152229.8	-5255.7	8543	9.0	152540.0	-5210.1	8633	9.9	152845.0	-5243.6
8364	9.9	151904.6	-5258.7	8454	9.2	152231.8	-5223.9	8544	9.7	152541.5	-5213.2	8634	9.6	152845.5	-5216.1
8365	10.0	151908.0	-5212.8	8455	9.0	152233.3	-5203.6	8545	9.4	152545.0	-5207.4	8635	10.0	152846.5	-5214.0
8366	8.2	151908.1	-5258.9	8456	10.0	152234.8	-5204.8	8546	9.8	152546.0	-5215.2	8636	10.0	152850.5	-5241.3
8367	9.8	151911.5	-5233.9	8457	9.9	152239.8	-5214.9	8547	9.7	152550.0	-5236.9	8637	9.8	152854.0	-5235.1
8368	9.6	151912.8	-5259.8	8458	10.0	152241.8	-5204.7	8548	9.0	152550.5	-5253.3	8638	9.0	152855.0	-5248.9
8369	10.0	151914.5	-5236.5	8459	10.0	152241.8	-5208.1	8549	9.9	152550.5	-5204.4	8639	9.6	152859.1	-5215.5
8370	9.9	151915.0	-5224.2	8460	9.9	152244.3	-5253.9	8550	10.0	152552.5	-5226.2	8640	7.6	152902.1	-5253.4
8371	8.8	151917.5	-5222.5	8461	9.4	152244.8	-5231.4	8551	8.6	152606.0	-5222.4	8641	9.4	152902.6	-5235.3

-52 8642 15h29m

-52 9001 15h42m

8642	9.8	152904.6	-5214.4	8732	7.4	153205.3	-5259.1	8822	9.6	153558.0	-5203.6	8912	7.6	153927.6	-5203.0
8643	9.8	152904.6	-5237.0	8733	10.0	153205.3	-5233.6	8823	9.8	153600.5	-5223.4	8913	10.0	153928.6	-5257.6
8644	9.2	152905.1	-5213.1	8734	10.0	153206.8	-5232.1	8824	8.6	153600.5	-5233.6	8914	10.0	153932.1	-5211.0
8645	10.0	152905.1	-5232.2	8735	10.0	153213.3	-5221.5	8825	10.0	153603.5	-5241.3	8915	10.0	153934.6	-5210.4
8646	9.2	152908.1	-5247.8	8736	9.8	153216.8	-5236.3	8826	10.0	153604.0	-5227.7	8916	10.0	153937.6	-5219.6
8647	10.0	152908.1	-5232.7	8737	10.0	153217.9	-5240.1	8827	8.8	153604.5	-5210.1	8917	9.1	153938.1	-5240.2
8648	9.6	152910.1	-5210.0	8738	9.8	153218.9	-5223.7	8828	10.0	153610.5	-5220.3	8918	10.0	153938.6	-5218.3
8649	9.8	152912.6	-5202.4	8739	10.0	153219.9	-5226.2	8829	9.8	153610.5	-5253.5	8919	9.4	153939.6	-5250.1
8650	10.0	152912.6	-5218.6	8740	10.0	153220.4	-5241.0	8830	9.8	153611.0	-5253.9	8920	9.9	153940.6	-5244.8
8651	9.8	152913.1	-5254.7	8741	10.0	153220.9	-5245.7	8831	8.1	153612.0	-5256.3	8921	9.8	153949.6	-5230.7
8652	9.6	152915.1	-5254.7	8742	10.0	153224.6	-5211.8	8832	9.3	153612.0	-5247.7	8922	9.5	153950.1	-5206.0
8653	10.0	152916.6	-5215.7	8743	9.9	153229.4	-5202.0	8833	9.8	153612.0	-5213.8	8923	10.0	153951.1	-5258.5
8654	9.7	152918.1	-5230.7	8744	9.6	153229.4	-5216.9	8834	9.9	153618.6	-5248.1	8924	10.0	153956.6	-5210.0
8655	9.9	152918.1	-5255.1	8745	9.2	153230.4	-5212.5	8835	9.8	153620.6	-5210.7	8925	9.1	153957.6	-5254.5
8656	8.5	152919.1	-5236.6	8746	9.4	153230.9	-5205.8	8836	9.9	153620.6	-5222.4	8926	10.0	153958.1	-5208.3
8657	10.0	152919.6	-5213.3	8747	10.0	153232.6	-5200.2	8837	9.9	153620.6	-5241.7	8927	7.8	154000.6	-5230.1
8658	9.9	152921.1	-5220.5	8748	9.0	153233.9	-5234.8	8838	10.0	153621.1	-5242.4	8928	7.6	154006.0	-5225.4
8659	8.8	152926.6	-5204.7	8749	9.6	153235.4	-5213.9	8839	9.6	153622.1	-5201.7	8929	9.4	154006.1	-5206.4
8660	9.9	152928.6	-5219.8	8750	9.6	153245.9	-5231.1	8840	10.0	153623.1	-5212.3	8930	9.3	154008.6	-5229.3
8661	9.4	152929.1	-5250.5	8751	9.4	153247.9	-5228.3	8841	9.7	153625.6	-5211.8	8931	9.9	154011.6	-5220.8
8662	9.6	152935.1	-5211.4	8752	10.0	153250.4	-5233.7	8842	9.8	153627.1	-5249.5	8932	9.9	154013.1	-5233.3
8663	9.4	152939.7	-5202.0	8753	9.8	153252.9	-5228.7	8843	8.3	153627.1	-5239.6	8933	9.2	154013.6	-5222.6
8664	9.8	152940.1	-5251.7	8754	9.7	153258.9	-5208.9	8844	9.2	153629.6	-5213.4	8934	10.0	154018.6	-5204.9
8665	9.7	152941.1	-5212.1	8755	10.0	153304.9	-5255.3	8845	9.6	153630.6	-5205.7	8935	9.5	154019.1	-5224.5
8666	9.6	152945.1	-5202.7	8756	9.7	153307.4	-5216.7	8846	9.6	153632.6	-5223.3	8936	9.7	154020.6	-5220.2
8667	9.8	152946.1	-5229.3	8757	9.7	153309.9	-5255.6	8847	8.2	153635.1	-5212.1	8937	7.6	154022.1	-5210.6
8668	9.2	152950.1	-5210.6	8758	9.2	153310.4	-5213.9	8848	10.0	153638.1	-5237.7	8938	9.8	154025.1	-5211.9
8669	10.0	152952.1	-5253.8	8759	9.4	153310.4	-5254.2	8849	10.0	153638.1	-5228.4	8939	9.6	154030.1	-5243.1
8670	9.4	152956.8	-5240.9	8760	9.8	153321.4	-5221.3	8850	9.4	153640.6	-5227.8	8940	9.0	154031.6	-5228.6
8671	10.0	153000.3	-5230.0	8761	9.6	153323.9	-5214.4	8851	10.0	153640.6	-5225.3	8941	8.9	154033.6	-5210.3
8672	10.0	153003.8	-5212.2	8762	9.4	153327.9	-5245.3	8852	9.6	153649.1	-5246.4	8942	9.4	154035.6	-5232.8
8673	10.0	153008.8	-5200.6	8763	9.4	153330.4	-5250.2	8853	9.0	153651.6	-5232.0	8943	10.0	154036.6	-5206.3
8674	9.8	153009.3	-5244.8	8764	9.0	153338.9	-5213.0	8854	9.8	153658.1	-5251.7	8944	6.8	154038.6	-5249.4
8675	10.0	153009.3	-5236.0	8765	8.8	153339.9	-5255.3	8855	10.0	153700.6	-5254.9	8945	9.9	154040.1	-5257.4
8676	9.8	153009.8	-5222.7	8766	10.0	153343.4	-5238.8	8856	10.0	153700.6	-5202.8	8946	9.5	154041.1	-5208.9
8677	9.4	153010.4	-5220.9	8767	9.9	153347.4	-5239.6	8857	9.5	153702.1	-5202.2	8947	9.6	154041.4	-5257.6
8678	9.6	153010.5	-5259.1	8768	9.6	153348.4	-5213.6	8858	9.5	153709.6	-5234.5	8948	10.0	154042.1	-5242.6
8679	9.9	153011.3	-5215.6	8769	9.6	153350.4	-5254.6	8859	9.9	153712.6	-5214.7	8949	8.0	154046.6	-5219.6
8680	10.0	153011.8	-5240.1	8770	9.0	153351.9	-5238.2	8860	10.0	153716.6	-5204.1	8950	9.3	154048.1	-5225.9
8681	8.8	153013.3	-5210.4	8771	9.6	153352.4	-5220.1	8861	10.0	153718.0	-5204.2	8951	8.8	154048.1	-5225.0
8682	9.9	153013.3	-5226.8	8772	10.0	153401.9	-5251.2	8862	10.0	153718.1	-5231.1	8952	9.4	154051.1	-5254.2
8683	9.4	153013.8	-5215.3	8773	10.0	153403.9	-5228.4	8863	10.0	153719.1	-5250.1	8953	9.8	154052.6	-5253.8
8684	9.8	153015.3	-5244.7	8774	9.9	153404.9	-5221.7	8864	9.6	153721.1	-5229.0	8954	10.0	154055.1	-5207.6
8685	9.4	153016.8	-5207.6	8775	10.0	153412.4	-5204.2	8865	9.6	153722.6	-5206.6	8955	9.2	154055.6	-5252.5
8686	9.4	153026.8	-5219.1	8776	9.6	153412.9	-5212.2	8866	8.7	153722.6	-5200.0	8956	9.7	154059.1	-5240.7
8687	10.0	153027.3	-5229.2	8777	9.2	153414.4	-5222.0	8867	9.9	153728.6	-5240.8	8957	9.8	154106.1	-5236.2
8688	9.0	153030.3	-5215.5	8778	10.0	153414.9	-5204.6	8868	10.0	153734.1	-5219.0	8958	10.0	154106.1	-5230.9
8689	9.9	153030.3	-5218.8	8779	10.0	153414.9	-5203.4	8869	8.1	153735.1	-5229.6	8959	8.5	154106.6	-5207.4
8690	9.8	153032.8	-5259.5	8780	10.0	153427.9	-5200.0	8870	10.0	153743.1	-5252.1	8960	9.5	154109.4	-5202.3
8691	9.6	153034.8	-5255.8	8781	9.8	153434.4	-5228.0	8871	10.0	153744.1	-5248.3	8961	8.9	154109.6	-5212.8
8692	9.4	153 34.8	-5235.4	8782	9.8	153434.9	-5209.1	8872	9.6	153745.6	-5201.8	8962	9.8	154112.1	-5205.9
8693	9.4	153 34.8	-5227.3	8783	9.8	153435.4	-5214.2	8873	9.2	153748.1	-5256.1	8963	10.0	154112.1	-5259.1
8694	9.7	153 34.8	-5226.4	8784	9.8	153435.9	-5232.6	8874	8.9	153751.1	-5213.3	8964	10.0	154114.1	-5257.8
8695	9.6	153035.3	-5204.3	8785	8.8	153436.9	-5217.8	8875	9.9	153752.6	-5239.3	8965	8.9	154114.1	-5237.1
8696	9.8	153037.8	-5236.9	8786	9.9	153438.9	-5259.4	8876	9.8	153753.1	-5244.4	8966	10.0	154121.1	-5250.0
8697	9.6	153039.3	-5227.0	8787	9.8	153438.9	-5221.3	8877	9.8	153756.1	-5232.0	8967	9.9	154121.1	-5220.8
8698	9.4	153043.3	-5205.6	8788	8.4	153446.4	-5234.2	8878	9.4	153759.1	-5213.3	8968	9.5	154124.6	-5237.2
8699	9.8	153045.8	-5208.8	8789	10.0	153447.4	-5216.1	8879	9.3	153800.1	-5236.7	8969	10.0	154127.6	-5231.8
8700	10.0	153050.8	-5209.1	8790	10.0	153449.9	-5211.5	8880	9.4	153800.1	-5226.1	8970	8.5	154130.6	-5220.1
8701	9.4	153053.8	-5240.8	8791	9.8	153451.4	-5220.2	8881	9.6	153802.1	-5239.7	8971	10.0	154130.6	-5235.3
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8703	9.0	153100.3	-5205.5	8793	9.6	153458.4	-5234.6	8883	10.0	153819.1	-5221.8	8973	9.8	154135.1	-5256.0
8704	9.9	153100.3	-5216.8	8794	9.6	153506.8	-5258.6	8884	10.0	153819.1	-5204.4	8974	9.5	154136.1	-5236.2
8705	9.6	153100.3	-5215.2	8795	9.8	153507.9	-5221.3	8885	9.5	153822.1	-5203.2	8975	9.5	154138.1	-5203.0
8706	9.6	153109.3	-5243.9	8796	7.9	153510.4	-5241.2	8886	10.0	153825.6	-5221.1	8976	9.5	154138.1	-5235.4
8707	9.8	153110.3	-5251.5	8797	9.9	153510.9	-5213.9	8887	9.3	153829.1	-5229.5	8977	9.1	154139.6	-5255.7
8708	9.2	153110.3	-5219.1	8798	9.6	153515.0	-5247.3	8888	9.1	153829.6	-5233.0	8978	9.7	154140.6	-5216.3
8709	9.9	153112.3	-5216.6	8799	9.4	153517.0	-5209.6	8889	9.6	153830.1	-5248.5	8979	9.8	154141.1	-5218.4
8710	9.0	153112.8	-5203.4	8800	9.7	153517.5	-5248.7	8890	10.0	153832.1	-5247.7	8980	9.8	154142.1	-5221.2
8711	9.8	153114.8	-5212.1	8801	10.0	153518.5	-5204.1	8891	9.0	153836.1	-5240.1	8981	10.0	154145.1	-5248.4
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8713	10.0	153120.8	-5215.2	8803	9.5	153527.5	-5246.9	8893	10.0	153842.6	-5251.2	8983	8.9	154149.6	-5256.9
8714	9.8	153126.3	-5203.0	8804	9.3	153531.5	-5236.6	8894	9.5	153843.1	-5214.0	8984	8.6	154151.1	-5227.2
8715	8.4	153128.8	-5203.9	8805	9.0	153531.5	-5232.0	8895	9.6	153844.1	-5246.9	8985	10.0	154156.6	-5258.0
8716	9.8	153129.3	-5254.9	8806	9.2	153532.0	-5257.8	8896	9.0	153844.1	-5240.9	8986	10.0	154159.6	-5231.4
8717	10.0	153130.6	-5257.5	8807	9.9	153535.5	-5206.6	8897	9.6	153846.1	-5218.9	8987	9.3	154201.6	-5238.9
8718	9.9	153130.8	-5213.2	8808	9.7	153537.0	-5256.6	8898	9.3	153846.6	-5239.5	8988	9.5	154202.1	-5241.9
8719	10.0	153131.8	-5249.5	8809	9.7	153538.0	-5219.9	8899	9.5	153848.6	-5223.8	8989	9.6	154202.6	-5249.1
8720	9.8	153131.8	-5251.0	8810	9.8	153539.5	-5256.4	8900	9.5	153850.6	-5242.5	8990	9.6	154203.1	-5227.3
8721	9.8	153131.8	-5254.9	8811	8.6	153540.0	-5225.5	8901	10.0	153858.1	-5208.3	8991	9.4	154203.6	-5255.2
8722	9.2	153132.3	-5205.6	8812	10.0	153540.0	-5204.2	8902	9.8	153859.1	-5217.3	8992	9.1	154204.1	-5241.4
8723	9.6	153143.8	-5250.4	8813	10.0	153541.0	-5228.8	8903	10.0	153859.6	-5232.9	8993	10.0	154206.1	-5245.0
8724	9.4	153145.3	-5205.2	8814	9.8	153542.0	-5202.8	8904	10.0	153859.6	-5233.8	8994	8.6	154207.1	-5246.3
8725	9.6	153151.3	-5254.2	8815	9.4	153544.5	-5224.8	8905	9.5	153906.1	-5211.1	8995	9.7	154207.1	-5205.9
8726	8.4	153152.8	-5247.9	8816	8.6	153546.6	-5201.9	8906	10.0	153906.6	-5237.9	8996	10.0	154208.6	-5258.4
8727	9.8	153153.3	-5237.9	8817	10.0	153549.5	-5220.9	8907	10.0	153910.6	-5222.4	8997	9.0	154210.1	-5248.8
8728	9.9	153156.3	-5255.1	8818	10.0	153551.0	-5254.3	8908	9.5	153911.1	-5233.4	8998	9.5	154212.1	-5213.4
8729	9.8	153200.3	-5239.1	8819	9.6	153554.5	-5200.0	8909	9.3	153914.1	-5252.0	8999	9.7	154212.1	-5214.4
8730	9.8	153201.3	-5243.4	8820	10.0	153555.0	-5223.1	8910	10.0	153923.6	-5256.1	9000	10.0	154214.6	-5232.0
8731	9.4	153203.0	-5201.7	8821	8.7	153556.0	-5234.2	8911	10.0	153924.6	-5258.1	9001	9.6	154218.1	-5232.6

9002 9.4 154219.6 -5238.0	9092 9.4 154639.3 -5201.5	9182 10.) 155258.5 -5240.9	9272 9.7 155942.5 -5240.1
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9058 9.8 154459.3 -5245.1	9148 10.1 155051.4 -5215.3	9238 9.8 155650.0 -5259.0	9328 10.1 160248.0 -5256.0
9059 9.7 154459.8 -5209.2	9149 8.2 155053.9 -5258.8	9239 9.1 155700.5 -5227.1	9329 10.0 160251.5 -5239.9
9060 10.0 154500.8 -5204.2	9150 8.9 155054.4 -5245.8	9240 8.0 155703.5 -5250.6	9330 10.1 160254.5 -5250.8
9061 10.0 154502.3 -5250.9	9151 10.0 155058.9 -5254.8	9241 9.1 155707.5 -5241.1	9331 9.0 160256.0 -5234.6
9062 9.8 154505.8 -5229.8	9152 9.1 155059.4 -5257.8	9242 9.1 155710.0 -5255.8	9332 9.6 160259.5 -5207.4
9063 10.0 154510.5 -5227.0	9153 10.0 155101.7 -5202.1	9243 9.6 155715.0 -5243.2	9333 9.7 160302.5 -5237.4
9064 10.0 154513.5 -5242.5	9154 9.0 155102.4 -5225.0	9244 10.1 155726.8 -5258.6	9334 9.1 160305.5 -5227.5
9065 10.0 154520.8 -5241.9	9155 8.8 155110.4 -5248.1	9245 9.6 155729.0 -5237.1	9335 9.6 160305.5 -5221.0
9066 10.0 154520.8 -5226.4	9156 9.9 155113.9 -5214.9	9246 9.4 155730.5 -5253.1	9336 9.6 160309.5 -5208.7
9067 8.1 154531.0 -5245.9	9157 10.0 155118.4 -5222.6	9247 9.0 155730.5 -5240.8	9337 9.2 160310.0 -5253.2
9068 10.1 154538.2 -5233.4	9158 9.1 155120.4 -5240.8	9248 9.6 155730.5 -5224.9	9338 10.1 160310.3 -5258.1
9069 9.8 154538.2 -5248.9	9159 9.8 155120.4 -5220.5	9249 9.6 155740.0 -5238.6	9339 9.6 160311.8 -5226.2
9070 8.4 154542.2 -5236.1	9160 10.0 155122.4 -5226.1	9250 10.1 155747.5 -5231.1	9340 10.0 160314.3 -5253.2
9071 9.6 154546.7 -5248.7	9161 10.1 155124.2 -5205.8	9251 9.5 155749.5 -5215.0	9341 8.5 160317.8 -5218.2
9072 8.6 154549.7 -5216.1	9162 8.6 155131.0 -5223.5	9252 9.8 155800.5 -5229.8	9342 9.9 160321.4 -5251.0
9073 9.9 154552.2 -5226.4	9163 10.1 155132.5 -5225.7	9253 10.1 155810.0 -5213.4	9343 9.6 160324.3 -5249.4
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9075 8.8 154600.7 -5225.9	9165 9.9 155145.5 -5240.7	9255 9.6 155825.5 -5206.7	9345 10.0 160325.3 -5250.9
9076 9.4 154602.7 -5225.0	9166 9.5 155155.5 -5224.3	9256 10.1 155831.5 -5238.6	9346 9.9 160326.1 -5258.0
9077 10.0 154602.7 -5240.6	9167 9.7 155157.7 -5259.5	9257 9.1 155833.5 -5253.7	9347 9.7 160327.3 -5236.5
9078 9.5 154603.7 -5236.6	9168 9.2 155159.5 -5202.6	9258 7.9 155834.0 -5244.3	9348 10.0 160329.4 -5248.9
9079 10.0 154604.2 -5235.0	9169 10.1 155202.5 -5239.2	9259 9.9 155838.0 -5206.8	9349 9.9 160329.8 -5241.0
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9082 10.0 154610.7 -5237.1	9172 9.6 155219.0 -5213.8	9262 9.5 155854.5 -5236.8	9352 8.9 160336.3 -5211.8
9083 10.1 154616.7 -5252.4	9173 9.1 155224.0 -5251.9	9263 10.1 155855.0 -5218.3	9353 10.0 160338.3 -5240.6
9084 8.3 154619.6 -5259.1	9174 9.9 155226.0 -5252.3	9264 8.3 155855.0 -5248.4	9354 10.1 160342.3 -5201.6
9085 9.6 154627.7 -5205.3	9175 8.5 155228.0 -5210.7	9265 9.6 155856.5 -5205.7	9355 9.5 160345.3 -5208.2
9086 9.8 154630.3 -5256.9	9176 8.9 155239.5 -5247.2	9266 10.1 155917.0 -5226.9	9356 9.5 160345.3 -5235.2
9087 8.1 154632.8 -5234.6	9177 9.2 155243.5 -5209.1	9267 9.8 155920.5 -5240.7	9357 9.5 160348.3 -5230.1
9088 9.9 154633.3 -5231.7	9178 9.4 155244.2 -5257.8	9268 9.2 155924.0 -5234.0	9358 9.9 160348.3 -5247.9
9089 10.1 154635.2 -5208.8	9179 8.9 155244.5 -5248.7	9269 10.1 155925.0 -5249.1	9359 9.7 160350.3 -5247.0
9090 9.6 154636.8 -5212.0	9180 9.8 155245.0 -5240.9	9270 9.6 155929.0 -5204.6	9360 9.4 160350.3 -5229.5
9091 9.2 154638.8 -5249.3	9181 10.1 155253.5 -5226.3	9271 9.6 155937.0 -5233.8	9361 10.1 160352.4 -5247.3

-52 9362 16h03m

-52 9721 16h13m

9362 9.8 160353.3 -5240.1	9452 9.5 160705.5 -5209.0	9542 10.1 160948.0 -5235.1	9632 9.7 161145.6 -5232.7
9363 9.9 160358.0 -5256.9	9453 9.6 160706.5 -5220.0	9543 9.9 160948.5 -5235.9	9633 9.8 161146.6 -5255.1
9364 10.0 160401.8 -5201.7	9454 8.7 160708.5 -5235.3	9544 10.0 160950.0 -5208.9	9634 9.7 161148.1 -5209.3
9365 9.8 160406.3 -5234.4	9455 9.4 160712.5 -5216.2	9545 9.3 160951.0 -5239.7	9635 9.1 161148.1 -5246.5
9366 10.0 160406.8 -5247.7	9456 9.9 160713.5 -5232.2	9546 9.3 160951.0 -5216.8	9636 9.1 161148.1 -5231.1
9367 9.6 160408.3 -5243.1	9457 9.9 160715.0 -5228.1	9547 9.7 160952.0 -5247.6	9637 9.8 161150.1 -5226.5
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9369 9.3 160411.3 -5222.4	9459 9.5 160719.5 -5213.4	9549 9.6 160952.5 -5215.5	9639 9.6 161152.1 -5252.5
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9371 10.1 160420.3 -5221.2	9461 10.1 160720.5 -5219.2	9551 9.7 160952.5 -5229.7	9641 9.7 161154.1 -5222.5
9372 10.1 160420.3 -5242.2	9462 10.1 160724.5 -5242.2	9552 9.6 160952.5 -5240.7	9642 10.1 161154.6 -5253.2
9373 9.6 160433.3 -5230.7	9463 10.1 160728.0 -5217.2	9553 9.9 160953.7 -5232.6	9643 8.7 161155.1 -5216.2
9374 9.5 160433.3 -5206.8	9464 9.8 160731.5 -5236.2	9554 9.2 160954.0 -5224.8	9644 9.6 161155.6 -5209.4
9375 9.8 160437.8 -5207.5	9465 9.6 160732.5 -5219.3	9555 8.4 160954.5 -5246.5	9645 9.7 161156.6 -5225.4
9376 9.9 160438.3 -5214.2	9466 9.6 160735.5 -5241.1	9556 10.0 160955.5 -5209.7	9646 10.1 161159.6 -5235.9
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9378 8.8 160446.3 -5235.7	9468 9.6 160738.5 -5254.6	9558 10.0 160959.0 -5208.3	9648 9.8 161201.1 -5253.0
9379 9.6 160446.3 -5209.7	9469 7.5 160740.5 -5246.2	9559 9.8 161000.5 -5246.7	9649 9.6 161201.1 -5205.8
9380 9.1 160447.8 -5255.3	9470 9.8 160740.5 -5211.2	9560 9.8 161002.0 -5229.5	9650 10.0 161201.6 -5256.7
9381 10.1 160449.3 -5200.8	9471 9.2 160744.5 -5219.4	9561 8.0 161002.5 -5227.7	9651 9.8 161202.6 -5203.9
9382 9.6 160450.3 -5242.3	9472 9.9 160746.5 -5255.2	9562 10.0 161004.5 -5242.3	9652 9.9 161205.6 -5252.2
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9384 9.5 160453.8 -5242.3	9474 9.8 160752.0 -5246.7	9564 10.1 161010.0 -5243.5	9654 10.1 161208.1 -5257.8
9385 9.9 160455.3 -5207.9	9475 10.0 160755.5 -5207.4	9565 9.8 161010.5 -5223.7	9655 10.0 161209.1 -5240.1
9386 9.3 160457.8 -5240.5	9476 10.1 160755.5 -5250.6	9566 10.1 161011.0 -5253.2	9656 10.0 161210.1 -5239.8
9387 10.1 160457.8 -5250.2	9477 9.8 160756.5 -5221.5	9567 10.1 161011.5 -5256.7	9657 9.6 161211.0 -5222.4
9388 9.8 160459.8 -5230.1	9478 9.7 160801.5 -5211.7	9568 9.6 161013.5 -5208.9	9658 9.9 161212.1 -5217.4
9389 9.6 160500.3 -5240.5	9479 9.8 160805.0 -5220.1	9569 9.8 161015.5 -5226.6	9659 10.1 161212.6 -5239.3
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9391 9.1 160502.3 -5219.9	9481 8.4 160807.5 -5245.6	9571 9.8 161020.5 -5216.1	9661 10.1 161215.6 -5252.6
9392 10.1 160503.3 -5259.5	9482 9.2 160808.0 -5229.1	9572 9.6 161020.5 -5206.7	9662 9.9 161217.1 -5215.7
9393 8.2 160506.9 -5200.9	9483 8.4 160810.5 -5240.9	9573 8.7 161020.5 -5256.1	9663 9.6 161218.6 -5222.5
9394 10.1 160513.3 -5213.1	9484 10.0 160811.5 -5239.1	9574 10.1 161020.5 -5250.2	9664 9.4 161221.1 -5234.9
9395 9.1 160513.8 -5248.7	9485 9.2 160819.2 -5209.2	9575 9.5 161023.5 -5236.8	9665 9.3 161222.1 -5218.3
9396 9.9 160515.3 -5210.5	9486 10.1 160821.5 -5247.9	9576 9.6 161029.5 -5249.9	9666 10.0 161226.1 -5242.9
9397 9.1 160515.3 -5200.6	9487 9.2 160825.0 -5251.3	9577 10.1 161031.0 -5251.5	9667 9.6 161228.6 -5238.2
9398 9.6 160517.3 -5249.8	9488 10.1 160829.5 -5221.9	9578 10.0 161032.0 -5228.6	9668 7.4 161229.1 -5225.4
9399 9.0 160518.8 -5200.1	9489 9.8 160830.5 -5212.4	9579 10.1 161032.3 -5259.9	9669 9.6 161229.6 -5213.0
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9401 10.1 160520.3 -5207.5	9491 9.8 160832.5 -5213.6	9581 9.6 161035.5 -5216.6	9671 9.7 161230.1 -5210.5
9402 10.0 160520.8 -5245.4	9492 10.4 160835.7 -5257.8	9582 9.1 161038.5 -5226.4	9672 9.1 161230.6 -5248.7
9403 9.3 160524.8 -5257.1	9493 10.1 160836.0 -5249.2	9583 9.6 161038.5 -5225.9	9673 9.8 161231.1 -5217.8
9404 10.1 160524.8 -5202.9	9494 9.8 160836.3 -5256.9	9584 9.9 161040.5 -5219.8	9674 10.1 161231.6 -5228.1
9405 8.8 160526.3 -5212.5	9495 9.6 160836.5 -5237.6	9585 9.6 161043.5 -5237.6	9675 9.5 161231.6 -5226.9
9406 9.9 160530.3 -5239.5	9496 9.7 160838.5 -5210.5	9586 9.7 161044.5 -5249.1	9676 9.7 161231.6 -5212.7
9407 10.0 160530.3 -5222.9	9497 9.1 160839.5 -5220.5	9587 9.3 161044.5 -5255.3	9677 9.8 161232.6 -5202.9
9408 9.9 160530.3 -5207.9	9498 9.6 160840.0 -5212.2	9588 10.0 161044.5 -5242.9	9678 10.1 161234.1 -5208.2
9409 9.6 160531.3 -5251.9	9499 10.1 160841.5 -5258.5	9589 9.1 161045.0 -5205.9	9679 9.6 161234.6 -5224.0
9410 8.2 160534.3 -5253.3	9500 9.8 160842.5 -5218.5	9590 9.4 161046.5 -5240.7	9680 9.6 161235.1 -5240.0
9411 9.4 160534.3 -5218.9	9501 8.9 160844.0 -5216.1	9591 10.0 161046.5 -5221.7	9681 9.1 161236.1 -5208.8
9412 9.8 160542.3 -5222.7	9502 9.7 160844.0 -5246.7	9592 9.6 161048.5 -5254.7	9682 8.8 161237.0 -5201.4
9413 10.1 160542.8 -5218.7	9503 9.1 160848.0 -5217.2	9593 10.1 161050.5 -5238.1	9683 10.1 161239.6 -5256.9
9414 10.0 160544.8 -5202.6	9504 9.8 160849.0 -5236.7	9594 9.6 161051.5 -5247.9	9684 9.8 161240.1 -5200.2
9415 10.0 160545.3 -5238.5	9505 9.8 160849.5 -5221.7	9595 10.1 161054.5 -5223.1	9685 8.5 161240.6 -5207.4
9416 8.4 160547.3 -5235.9	9506 10.1 160850.5 -5259.6	9596 9.5 161055.5 -5243.6	9686 9.9 161241.0 -5226.4
9417 9.1 160551.3 -5237.9	9507 10.1 160850.5 -5252.5	9597 9.8 161055.5 -5227.9	9687 9.8 161241.1 -5219.8
9418 10.1 160553.3 -5237.3	9508 9.6 160851.5 -5249.1	9598 10.1 161058.5 -5202.3	9688 9.4 161241.6 -5226.9
9419 9.8 160559.3 -5243.5	9509 10.1 160852.5 -5221.5	9599 10.0 161059.7 -5200.2	9689 10.0 161247.6 -5215.3
9420 9.9 160559.3 -5230.9	9510 9.7 160904.5 -5202.1	9600 9.9 161102.5 -5229.1	9690 9.8 161249.1 -5227.8
9421 10.1 160602.8 -5240.9	9511 9.8 160905.0 -5235.0	9601 9.9 161105.1 -5222.7	9691 9.6 161249.1 -5203.6
9422 8.4 160604.3 -5203.1	9512 9.8 160905.5 -5256.1	9602 10.1 161105.6 -5247.0	9692 9.6 161250.1 -5235.7
9423 9.8 160608.3 -5240.3	9513 9.7 160907.0 -5224.0	9603 10.0 161107.6 -5246.1	9693 10.0 161255.1 -5205.0
9424 10.0 160609.3 -5233.6	9514 9.6 160909.0 -5200.1	9604 8.7 161108.6 -5204.1	9694 9.9 161257.6 -5251.6
9425 9.9 160612.8 -5243.1	9515 10.0 160910.5 -5239.9	9605 10.1 161108.6 -5239.7	9695 9.2 161259.1 -5235.3
9426 9.1 160614.8 -5205.0	9516 9.1 160910.5 -5234.2	9606 9.6 161108.6 -5253.7	9696 9.3 161300.1 -5252.5
9427 9.2 160616.3 -5229.9	9517 9.5 160913.0 -5256.8	9607 9.9 161109.6 -5254.3	9697 9.9 161301.1 -5207.1
9428 9.3 160616.3 -5204.5	9518 10.1 160914.2 -5259.1	9608 9.8 161115.1 -5250.6	9698 9.6 161302.6 -5204.3
9429 10.1 160620.3 -5221.7	9519 9.2 160917.0 -5245.2	9609 9.6 161115.6 -5208.5	9699 9.6 161303.1 -5227.0
9430 10.0 160625.4 -5244.1	9520 9.4 160917.5 -5211.0	9610 10.1 161116.6 -5221.1	9700 9.0 161303.4 -5203.3
9431 9.7 160627.8 -5241.5	9521 9.4 160920.5 -5233.7	9611 10.1 161117.3 -5214.5	9701 10.1 161306.1 -5206.2
9432 10.1 160628.3 -5218.3	9522 9.9 160920.5 -5208.8	9612 9.6 161119.1 -5212.5	9702 10.1 161308.1 -5208.2
9433 8.2 160629.3 -5229.7	9523 9.7 160922.6 -5258.4	9613 9.6 161121.1 -5250.7	9703 10.0 161308.6 -5205.6
9434 9.9 160630.3 -5239.4	9524 9.6 160923.5 -5234.7	9614 8.9 161123.1 -5223.7	9704 10.0 161308.6 -5247.1
9435 9.2 160631.8 -5233.1	9525 9.3 160926.5 -5207.1	9615 9.1 161123.6 -5217.1	9705 9.8 161309.6 -5238.2
9436 9.2 160633.3 -5200.1	9526 9.9 160928.5 -5246.1	9616 10.0 161127.1 -5225.5	9706 10.1 161309.6 -5211.0
9437 10.1 160635.8 -5250.9	9527 9.9 160931.5 -5227.5	9617 9.7 161129.1 -5215.9	9707 10.0 161312.6 -5212.9
9438 9.6 160637.8 -5242.8	9528 9.9 160933.5 -5253.9	9618 9.6 161130.1 -5241.1	9708 9.1 161318.6 -5241.9
9439 9.8 160640.3 -5255.4	9529 10.0 160935.5 -5204.8	9619 9.5 161130.1 -5218.9	9709 10.2 161321.1 -5209.0
9440 9.6 160640.3 -5227.4	9530 10.1 160935.9 -5258.7	9620 9.6 161130.3 -5257.6	9710 9.8 161322.1 -5213.4
9441 9.1 160640.6 -5259.8	9531 9.7 160936.0 -5205.7	9621 7.7 161134.1 -5209.9	9711 9.6 161324.1 -5200.9
9442 9.8 160645.3 -5215.8	9532 9.6 160936.0 -5203.1	9622 9.6 161134.1 -5204.4	9712 9.9 161325.1 -5232.2
9443 9.9 160645.3 -5219.7	9533 9.6 160938.0 -5246.0	9623 9.3 161135.1 -5237.6	9713 10.1 161328.6 -5201.7
9444 9.8 160650.3 -5246.0	9534 9.8 160938.5 -5223.1	9624 10.1 161138.1 -5214.9	9714 8.2 161329.1 -5233.4
9445 10.1 160650.3 -5234.5	9535 8.5 160939.5 -5223.7	9625 8.1 161139.6 -5248.1	9715 10.1 161330.4 -5200.3
9446 9.8 160656.8 -5224.2	9536 8.2 160939.5 -5243.7	9626 8.2 161140.6 -5243.7	9716 10.1 161332.6 -5253.2
9447 9.5 160700.8 -5255.9	9537 10.1 160940.0 -5251.9	9627 9.4 161140.6 -5249.9	9717 10.1 161334.0 -5210.5
9448 10.1 160701.3 -5232.5	9538 8.5 160940.5 -5206.9	9628 9.6 161141.6 -5208.8	9718 9.9 161338.1 -5237.8
9449 10.0 160702.3 -5218.9	9539 9.6 160941.5 -5207.6	9629 9.9 161142.1 -5212.5	9719 9.8 161338.6 -5233.4
9450 9.2 160705.0 -5248.0	9540 9.0 160945.5 -5233.1	9630 8.2 161143.6 -5247.7	9720 9.3 161339.1 -5223.7
9451 9.2 160705.0 -5217.1	9541 10.0 160945.5 -5250.7	9631 9.6 161144.6 -5208.3	9721 9.7 161339.6 -5219.1

-52 9722 16h13m

9722	10.1	161344.6	-5248.5
9723	10.1	161348.6	-5231.1
9724	10.1	161349.6	-5245.5
9725	9.7	161351.1	-5254.4
9726	9.9	161351.1	-5230.6
9727	9.7	161351.6	-5256.8
9728	10.0	161353.1	-5215.8
9729	9.9	161355.1	-5208.3
9730	9.7	161355.1	-5233.2
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9904	9.6	162052.5	-5201.0
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9950	10.0	162241.0	-5219.4
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-5210082 16h29m

-5210441 16h56m

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10099	9.4	163004.2	-5247.1	10189	9.6	163633.2	-5213.3	10279	9.8	164237.0	-5231.9
10100	10.0	163006.2	-5215.0	10190	9.9	163633.2	-5214.0	10280	9.4	164238.5	-5250.1
10101	9.9	163009.2	-5214.5	10191	9.8	163647.7	-5208.3	10281	9.1	164240.5	-5241.7
10102	9.5	163015.7	-5249.8	10192	10.0	163651.2	-5236.1	10282	9.9	164244.5	-5253.0
10103	9.6	163030.3	-5201.9	10193	9.9	163654.7	-5244.1	10283	9.8	164246.5	-5244.6
10104	9.0	163031.2	-5220.3	10194	9.5	163654.7	-5209.1	10284	9.8	164252.5	-5239.7
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10106	9.8	163043.7	-5210.4	10196	9.6	163700.7	-5229.6	10286	9.8	164257.5	-5238.9
10107	10.0	163044.2	-5250.0	10197	9.0	163710.2	-5209.3	10287	9.6	164259.0	-5240.7
10108	9.8	163044.2	-5209.7	10198	9.9	163710.2	-5234.6	10288	9.5	164300.5	-5230.8
10109	9.8	163044.7	-5224.0	10199	9.4	163711.2	-5254.0	10289	9.4	164301.0	-5244.8
10110	9.6	163046.2	-5215.8	10200	9.8	163720.2	-5259.2	10290	10.0	164302.0	-5217.4
10111	9.6	163051.7	-5226.4	10201	9.0	163725.7	-5244.3	10291	10.0	164306.0	-5207.6
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-5210801 17h34m

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-5210802 17h34m

-5211161 18h24m

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-5211162 18h24m

-5211521 19h35m

11162	8.8	182456.7	-5218.5	11252	7.4	184001.1	-5215.4	11342	10.0	185338.2	-5204.8
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11175	9.6	182712.2	-5232.0	11265	10.1	184220.1	-5248.9	11355	10.0	185600.2	-5208.9
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11181	10.4	182741.2	-5203.0	11271	10.4	184301.1	-5210.6	11361	9.0	185713.2	-5207.1
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11187	10.1	182823.5	-5233.3	11277	10.4	184409.1	-5241.8	11367	9.6	185824.7	-5240.6
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11207	10.0	183219.0	-5216.1	11297	9.0	184634.4	-5225.3	11387	8.7	190350.8	-5245.0
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11506	9.8	193230.2	-5242.9								
11507	9.2	193259.7	-5220.2								
11508	10.1	193300.7	-5221.9								
11509	9.7	193336.7	-5227.4								
11510	10.2	193350.7	-5200.8								
11511	9.2	193354.7	-5240.0								
11512	9.2	193407.2	-5239.6								
11513	9.8	193412.2	-5246.2								
11514	10.2	193419.7	-5251.5								
11515	9.6	193419.7	-5237.7								
11516	9.2	193419.7	-5206.0								
11517	9.2	193434.7	-5214.1								
11518	9.4	193455.4	-5258.2								
11519	9.8	193501.4	-5248.6								
11520	8.3	193507.4	-5227.6								
11521	8.6	193510.4	-5237.6								

-5211522 19h35m

-5211881 21h20m

11522	9.7	193540.4	-5240.8	11612	9.4	195512.4	-5235.3	11702	10.2	202140.5	-5220.4
11523	9.2	193546.6	-5219.4	11613	8.8	195512.9	-5205.1	11703	10.4	202148.0	-5222.2
11524	10.0	193551.9	-5212.4	11614	9.0	195534.4	-5255.0	11704	10.4	202309.0	-5241.2
11525	9.6	193557.9	-5245.1	11615	10.4	195557.4	-5211.5	11705	9.5	202309.5	-5221.8
11526	9.0	193601.9	-5254.8	11616	10.8	195616.9	-5209.9	11706	9.2	202331.7	-5221.9
11527	7.3	193611.4	-5249.5	11617	7.6	195649.9	-5252.5	11707	9.8	202340.2	-5255.8
11528	10.0	193617.4	-5204.4	11618	10.2	195715.0	-5251.5	11708	9.6	202416.2	-5205.1
11529	9.8	193641.9	-5233.7	11619	10.0	195717.0	-5209.0	11709	10.0	202434.2	-5229.0
11530	9.8	193650.6	-5258.6	11620	8.2	195808.5	-5237.5	11710	9.6	202436.2	-5243.7
11531	10.0	193724.9	-5252.8	11621	9.6	195808.5	-5203.8	11711	9.8	202448.2	-5252.3
11532	10.1	193755.4	-5259.0	11622	9.2	195809.0	-5206.2	11712	10.4	202454.2	-5208.1
11533	10.2	193759.4	-5229.0	11623	10.4	195809.0	-5216.1	11713	8.4	202503.2	-5226.2
11534	9.7	193802.9	-5211.8	11624	9.2	195814.5	-5234.8	11714	10.2	202511.7	-5243.2
11535	8.3	193819.4	-5245.3	11625	10.8	195317.5	-5236.0	11715	10.4	202524.2	-5205.4
11536	9.7	193908.4	-5244.5	11626	7.4	195838.0	-5256.1	11716	9.4	202601.7	-5232.3
11537	10.0	193916.9	-5228.2	11627	10.6	200009.3	-5214.7	11717	9.0	202605.2	-5255.2
11538	9.2	193929.4	-5223.0	11628	9.4	200012.8	-5233.0	11718	10.4	202619.1	-5215.7
11539	10.2	193936.4	-5247.5	11629	8.6	200023.3	-5204.7	11719	9.2	202707.7	-5244.9
11540	10.2	193945.6	-5257.7	11630	10.8	200058.3	-5210.3	11720	10.2	202711.2	-5227.7
11541	9.0	193954.4	-5230.6	11631	10.0	200104.3	-5235.5	11721	10.4	202738.2	-5208.8
11542	8.4	194028.9	-5205.3	11632	9.4	200128.8	-5240.9	11722	9.6	202815.7	-5204.3
11543	9.6	194030.9	-5250.8	11633	10.0	200159.8	-5240.5	11723	9.8	202819.7	-5225.4
11544	10.2	194036.9	-5254.8	11634	8.7	200219.8	-5236.7	11724	9.8	202907.7	-5247.5
11545	9.2	194039.4	-5233.4	11635	10.0	200301.3	-5253.2	11725	9.4	202908.2	-5216.5
11546	10.2	194039.9	-5207.5	11636	10.4	200317.8	-5230.8	11726	10.0	202938.2	-5225.0
11547	8.8	194051.9	-5232.6	11637	9.0	200400.3	-5244.0	11727	10.4	202940.7	-5251.8
11548	9.6	194109.4	-5213.0	11638	9.2	200414.3	-5235.8	11728	9.8	202942.5	-5218.5
11549	10.2	194110.7	-5200.6	11639	10.6	200431.8	-5207.5	11729	10.2	202948.5	-5214.5
11550	10.1	194122.4	-5253.2	11640	10.8	200439.8	-5224.3	11730	10.2	203004.0	-5226.1
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11553	9.4	194152.4	-5205.6	11643	7.2	200449.8	-5248.9	11733	10.0	203038.5	-5247.3
11554	9.8	194154.9	-5211.6	11644	10.8	200513.6	-5219.5	11734	10.0	203046.5	-5226.5
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11559	8.8	194319.9	-5237.9	11649	8.1	200703.2	-5255.5	11739	9.8	203150.0	-5202.9
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11564	9.7	194403.2	-5241.6	11654	10.4	200742.1	-5253.1	11744	9.6	203317.5	-5204.6
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11573	9.8	194516.8	-5200.9	11663	10.8	200922.2	-5219.2	11753	10.0	203454.0	-5252.9
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-5212241 23h55m

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-5212242 23h55m

-5212255 23h59m

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12245	10.4	235656.8	-5254.1
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12247	10.4	235729.8	-5259.5
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12254	10.0	235925.6	-5259.8
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13. ABSTRACT *(Maximum 200 words)*

The *Cape Photographic Durchmusterung* (CPD, Gill and Kapteyn 1895–1900) is a photographic survey of southern stars in the declination range –18 to –90 degrees. This volume covers the declination range –53° through –89°. Positions are given for the 1875 equinox. The summary of the positional uncertainties quoted in the third volume of the published catalog gives ± 0.28 sec (R.A.), ± 0.044 arcmin (Dec.) for zones –18 to –57 degrees, ± 0.157 sec + 0.0764/cos (δ) sec (R.A.), ± 0.056 arcmin (Dec.) for zones –58 to –85 degrees, ±0.157 sec + 0.0353/cos (δ) sec (R.A.), ± 0.0127 arcmin (Dec.) for the polar plate where, as explained in the introduction to the third volume, many positions were derived from rectangular coordinates (these are positions reported to 0.1 sec (R.A.) and 0.001 arcmin (Dec.) in the –86 to –89 degree zones in the catalog). The probable error of a photographic magnitude, as determined by combining results for different magnitudes and weighting proportionately according to the numbers of stars in each class of magnitude, is given as ± 0.055 mag. From an analysis of the faint magnitude limits on the plates discussed in the third volume introduction, the catalog as a whole can be considered complete to photographic magnitude 9.2, but it is stated that it will be found practically complete, in or near the Milky Way, to magnitude 9.5.

14. SUBJECT TERMS

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